



R A D I A T O R S
T O W E L R A I L S

P R I C E L I S T
N° 8

COLORS



STANDARD



RAL 9010 - R01
BIANCO
PURE WHITE



RAL 9016 - R02
BIANCO TRAFFICO
TRAFFIC WHITE



COLOR
GREEN



CLASSIC

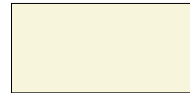
Must have selection colors



RAL 9001 - R14
CREMA
CREAM



T11
BIANCO OPACO
MATT WHITE



T10
BEIGE OPACO
MATT BEIGE



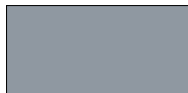
RAL 1013 - R40
PEARL WHITE



S17
BAHAMA BEIGE



RAL 9005 - R13
NERO
JET BLACK



RAL 7001 - R21
GRIGIO ARGENTO
SILVER GREY



T19
BRITISH GREY



S07
GRAFITE
GRAPHITE



F43
GREY ANTRACITE



RAL 1021 - R05
GIALLO ACCESO
YELLOW RAPE



H27
ROSSO VIVO
BRIGHT RED



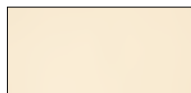
RAL 3003 - R08
ROSSO RUBINO
RUBY RED



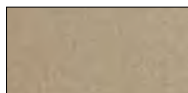
RAL 5017 - R18
BLU OLTREMARE
OVERSEAS BLUE



RAL 7030 - R22
GRIGIO PIETRA
STONE GREY



F30
WHITE SAND



F25
QUARTZ DUST



F31
CORTEN BROWN



F36
TERRA



RAL 8017 - R09
TESTA DI MORO
DARK BROWN



F23
SPARKLING GREY



F04
GRIGIO GRAFITE
GRAPHITE GREY



F15
NERO BRILLANTE MET.
METAL SPARKLING BLACK



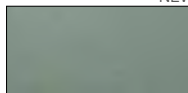
F24
BLACK STAR



T01
NERO OPACO
MATT BLACK



RAL 6019 - R26
WEISSGRÜN
LIGHT GREEN



F45
SAGE GREEN



F14
EFFETTO BRASS ANTICO
OLD BRONZE EFFECT

Colors, like features, follow the changes of emotions.
(Pablo Picasso)



SPECIAL

Innovative and modern colors



F20
MILKY



S03
PERGAMON



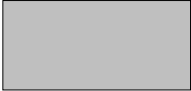
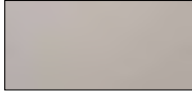
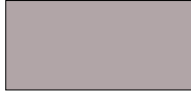
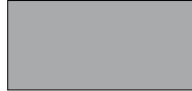
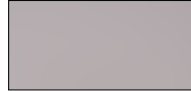
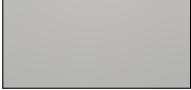
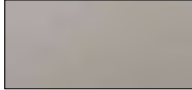
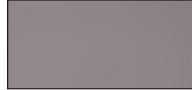
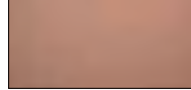
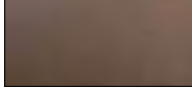
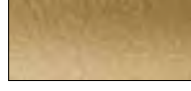
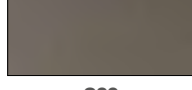
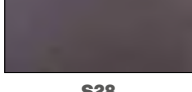
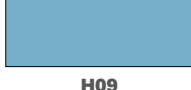
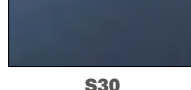
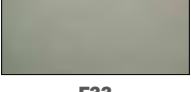
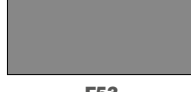
T15
TELA OPACO
TELA



T20
WHITE GREY



F09
GRIGIO ALBA MET.
GRAPHITE LIGHT GREY

	 NEW			
S02 MANHATTAN	F52 MARRAKECH LIGHT	H48 TORTORA DOVE	T12 GRIGIO CHIARO OPACO MATT LIGHT GREY	T23 POWDER
 NEW	 NEW		 NEW	
S22 PERLAGE	F46 VELVETY SAND	F07 EFFETTO ARGENTO SILVER EFFECT	T24 NABUK	F38 SANDSTONE
	 NEW	 NEW	 NEW	 NEW
T17 ACAI MATT	S27 VIRGINIA LEAF	S24 BRIGHT COPPER	S25 VINTAGE COPPER	F49 NEW LIGHT CORAL
		 NEW		
F34 RED SAND	F35 FOREST GREEN	S23 JAZZ BRASS	F41 AMBER GOLD	F22 ORO CLASSICO CLASSIC GOLD
 NEW			 NEW	 NEW
F51 POZZOLANA	F39 BALMORAL GREY	F44 CLAY	S29 SMOKY QUARTZ	F50 HIGHLAND
	 NEW		 NEW	
H56 PIETRA LAVICA LAVIC STONE	S28 ANVIL	F26 DARK ALUMINIUM	F48 BASALT	F27 MOONSHINE
 NEW				 NEW
S26 ANODIC SILVER	F32 GREY SKY	H09 LAGO LAKE	F37 DENIM BLUE	S30 CAST IRON
				 NEW
F33 EMERALD SAND	F06 NERO RUVIDO MET. METAL ROUGH BLACK	M01 GOLD BLACK	W02 CARBONE CARBON	F53 SILVER LOOK



F28
ARDESIA® SHINY TRANSPARENT

For a more accurate consultation of the colors, please refer to CORDIVARI COLOR SYSTEM.

Cordivari company has a proven industrial tradition and is now one of the most important manufacturers in the heating and plumbing industry in Italy. Founded in 1972 by Ercole Cordivari, the company is producing calorifiers & buffer tanks, solar thermal systems, compressed air receivers, design radiators and fan coil units.

Cordivari plants are situated on an area of 370.000 square meters and employs more than 700 employees. All products are designed and manufactured in Italy at the Cordivari facilities, ensuring total "Made in Italy" quality. Thanks to its development strategies, to new technologies and to the training of new human focused resources, Cordivari is equipped with modern structures and advanced production processes.

Sustainability-oriented choices allow for productive and research activities to be carried out in full respect for people and environment. The company operates according to the UNI EN ISO 14001 Environmental Management System and the UNI EN ISO 45001 Safety Management System, in addition to the UNI EN ISO 9001 Quality Management System, which ensures the full quality and reliability of the products. The highly qualified management, the constant research for innovative solutions and the extremely customer-oriented company policy, stands for the leading market position and the exclusive know-how in the field of integrated heating systems, that the Cordivari group has acquired. All this is the result of a continuous commitment to achieve Customer Satisfaction.



Cav. Ercole Cordivari

OUR KNOW-HOW

Thanks to the experience gained in over 40 years of activity, the Cordivari company has contributed to the evolution of the sector introducing innovative solutions on the market, oriented towards design, savings and domestic comfort. Cordivari has been the protagonist of the evolution of the design and functionality of the heating terminals thanks to the introduction of innovations in the field of technics, processes and materials.

At the end of the 80s it was the first company to introduce on the market a decorative radiator made of stainless steel, from which a whole line of products was born, and over the years has become a "cult" of the sector and a hallmark of the company. Over the years, the study of materials has been complemented by a continuous research in design and finishes, always aware of trends in architecture and building techniques.

Today the Cordivari range of radiators is the most complete on the market, with over 100 models that explore every material, ranging from tubular to towel warmers, from decorative radiators to heating bodies designed in collaboration with the most prestigious international representatives.



QUALITY AND SUSTAINABILITY

Choose serenity.

Today, more than ever, those who choose a Cordivari product choose serenity!

With the introduction of the new ErP Ecodesign standards, we have chosen to offer you the certainty of performance and reliability.

The creation of the Cordivari LAB represents this precise choice.

Since 2015, the company has equipped itself with a state-of-the-art laboratory and testing area, capable of testing any product or system, measuring and certifying its performance.

Through severe procedures, ruled by European standards, and complex instruments, Cordivari is the only Italian manufacturer able in performing accurate internal tests on 100% of the products, in compliance with European regulations.



SILVER | Top 15%

ecovadis

Sustainability Rating
MAR 2025



ISO 9001
Quality System

ISO 14001
Environmental System

ISO 45001
Workplace Safety
System

Quality, safety, and environment as a vision

Awareness for the future



Code
di condotta
fornitori

Code
of Conduct
for Suppliers

CORDIVARI

Code of Conduct

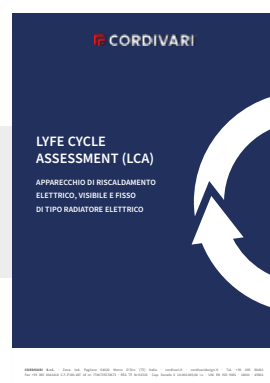


BILANCIO DI
SOSTENIBILITÀ

Sustainability Report

Shared ethics with partners throughout the supply chain

Focus on sustainability throughout the product life cycle



EPD according to ISO 14025

COMPLETE SYSTEMS FOR THE **GREEN** HOME

Cordivari, a leading company in the sector, has constantly evolved, updated, and transformed itself, introducing and flanking its historical products with systems and solutions that are the result of research and development and that today represent strategic assets for the company.

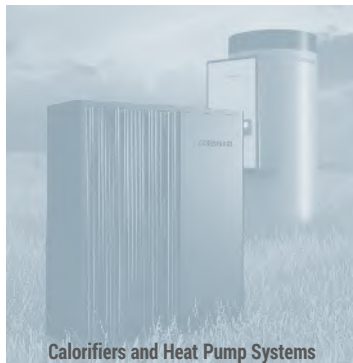
The production approach is oriented towards high-efficiency systems designed to optimize the living comfort and energy efficiency of buildings, through different business units that are perfectly interconnected, such as the radiators and towel warmers division, solar thermal systems, water recovery and treatment, DHW cylinders and heat pump systems. The company vision is committed to total responsibility and sustainability.

Internal organization and relevant production processes are supporting this vision, allowing the products to fulfill the requirements of efficiency and sustainability throughout their life cycle.

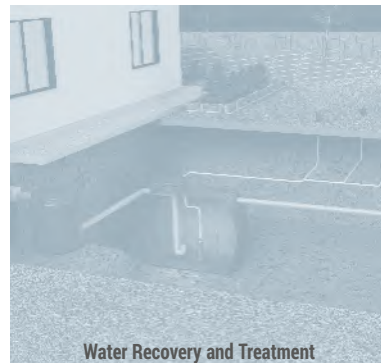
By developing its offer for the markets, Cordivari is using patented solutions able to combine comfort, energy performance, wellness and savings, through the use of the best industrial technologies based on renewable sources and a responsible use of energy and environmental resources.



Radiators and Towel Rails



Calorifiers and Heat Pump Systems



Water Recovery and Treatment



Solar Thermal Systems



TOWEL RAILS Radiators



STAINLESS STEEL Radiators



ACCESSORIES & TECHNICAL SUPPORT

ardesia®

10

ARDESIA®



48

TOWEL RAILS

ELECTRIC & BLOWER
Radiators

108

ELECTRIC & BLOWER



158

STAINLESS STEEL

LIVING
Radiators

200

LIVING



330

ACCESSORIES
TECHNICAL SUPPORT

Alphabetical Index 368





ardesia®

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



Color: RAL 9005 - R13 Jet black

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;2).

COLORS:

See color chart on pages II and III.

CERTIFICATES

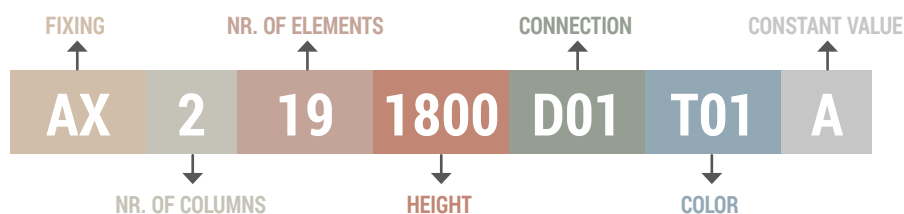


NEW

The Ardesia® tubular radiator can also be supplied complete with **RAPID** or **MINIMAL** fixing kit.

HOW TO ORDER ARDESIA® TUBULAR

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 2 19 1800 D01 T01 A

PRICE CALCULATION EXAMPLE

Ardesia® 2 columns - 19 Elements - H 1800	
- Rapid fixing kit AX	
- Connection D01	
- Color T01	

FIXING KIT:

AVAILABLE CONFIGURATIONS FOR ARDESIA®

ARDESIA® **WITHOUT** FIXING KIT (AR)

The radiator will be supplied **WITHOUT** the fixing brackets. The customer will be able to choose between the available accessories. See from page 341 on.

ARDESIA® **WITH RAPID** FIXING KIT (AX)

The radiator will be supplied with **RAPID** fixing kit. This type of fixing kit allows precise, fast and safe installation, particularly suitable for large construction sites. Option available for all models delivered as a single welded piece. Available in all colors.

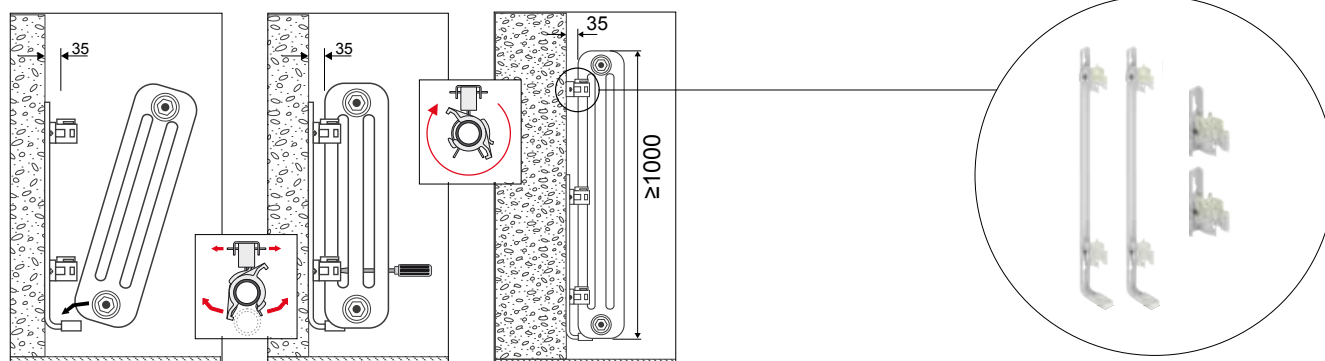


ARDESIA® **WITH MINIMAL** FIXING KIT (AW)

ARDESIA® with **MINIMAL** fixing kit (AW). The radiator will be supplied with **MINIMAL** fixing kit. Flexible and reliable fixing kit. Option available for all models delivered as a single welded piece. Available in all colors.

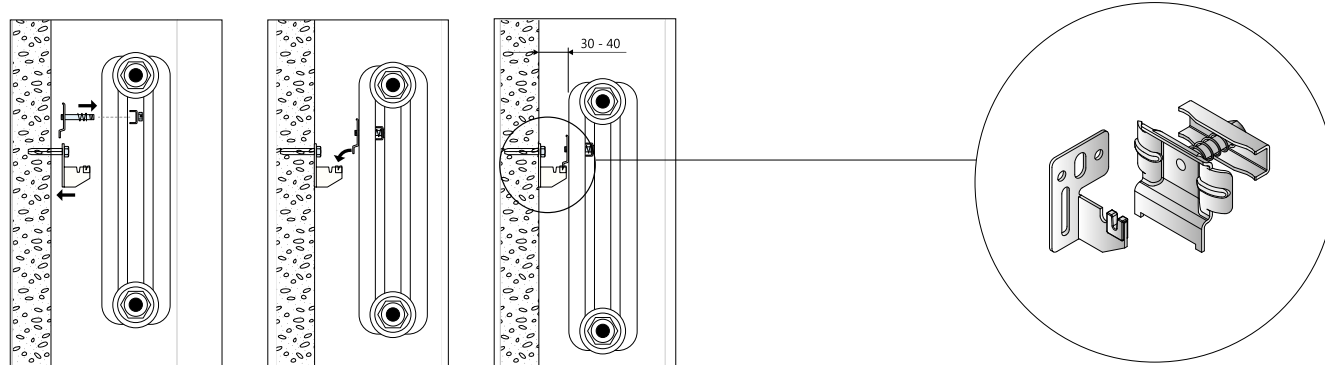


Example of installation with **RAPID SAFETY KIT (AX)**

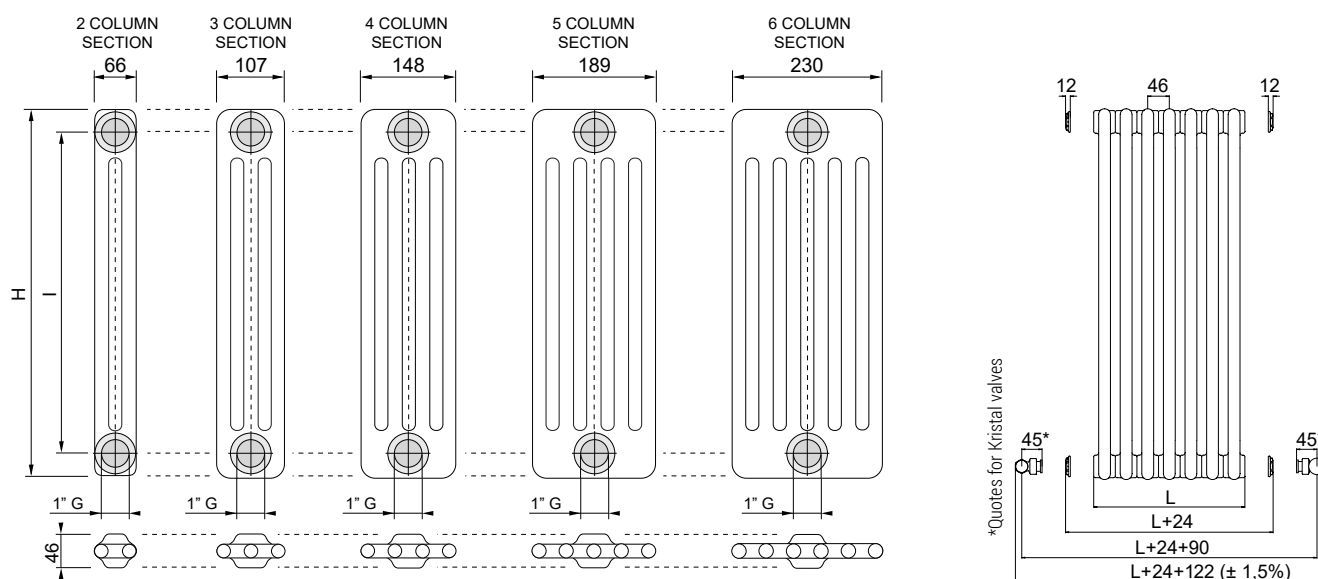


The '**RAPID**' FIXING kit is included with the **AX** model, in the same color as the radiator.

Example of installation with **MINIMAL FIXING KITS (AW)**



The '**MINIMAL**' FIXING kit is included with the **AW** model, in the same color as the radiator.



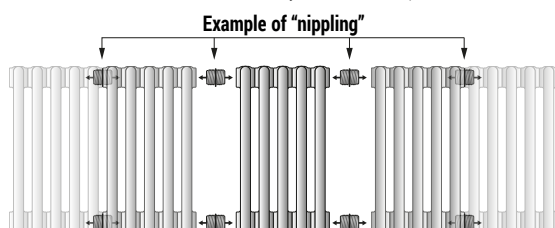
MAXIMUM NUMBER OF SECTIONS WELDED TOGETHER



HEIGHT H [mm]	PIPE CENTRES I [mm]	NR. COLUMNS					
		2	3	4	5	6	
207	151	40	40	40	40	40	
300	244	40	40	40	40	40	
400	344	40	40	40	40	40	
500	444	40	40	40	40	40	
556	500	40	40	40	40	35	
586	530	40	40	40	40	35	
600	544	40	40	40	40	35	
626	570	40	40	40	36	30	
656	600	40	40	40	36	30	
676	620	40	40	40	36	30	
750	694	40	40	40	33	27	
756	700	40	40	40	33	27	
786	730	40	40	40	33	27	
856	800	40	40	35	28	23	
876	820	40	40	35	28	23	
900	844	40	35	35	28	23	
926	870	40	35	35	28	23	
1000	944	40	35	35	25	20	
1200	1144	35	35	25	20	15	
1500	1444	35	25	20	15	15	
1656	1600	35	25	20	15	14	
1800	1744	35	22	20	12	10	
1856	1800	35	22	20	12	10	
2000	1944	30	22	15	12	10	
2056	2000	30	22	15	12	10	
2200	2144	30	18	15	12	10	
2500	2444	25	18	15	12	10	

NIPPLING

The number of section/width is virtually unlimited. It is possible, in fact to obtain a bigger number of sections connecting the single radiators together (see Accessories).



Use only Cordivari Nipples.
The use of other nipples does not guarantee the sealing of the radiator and excludes the warranty.
All the batteries of the same height, can be joined together, starting from a minimum of 3 sections.
In the "joining operation" do not exceed the rate of 10 kg x meter.
The special white silicon gasket guarantees a perfect hydraulic seal.

PLEASE NOTE: ONLY USE CORDIVARI NIPPLES.



HOW TO ORDER YOUR TUBULAR ARDESIA®

FIXING (choose the type of FIXING KIT)

AR ARDESIA® **WITHOUT** FIXING KIT

AX ARDESIA® WITH **RAPID** FIXING KIT
(MATCHING THE RADIATOR COLOR)
Surcharge € 40,00



NEW

AW ARDESIA® WITH **MINIMAL** FIXING KIT
(MATCHING THE RADIATOR COLOR)
Surcharge € 15,00



NEW

COLUMNS (choose the number of columns)

ELEMENTS (choose the number of elements)

HEIGHT (choose the height)

CONNECTION (choose the type of connection - see pages 18-19)

COLORS (choose the color - see color chart on pages II-III)



WHITE



CLASSIC



SPECIAL

CONSTANT VALUE ("A" fixed value)

EXAMPLE OF CREATING AN ARTICLE CODE

FIXING

AR

+

NR. OF COLUMNS

2

+

NR. OF ELEMENTS

19

+

HEIGHT

1800

+

CONNECTION

002

+

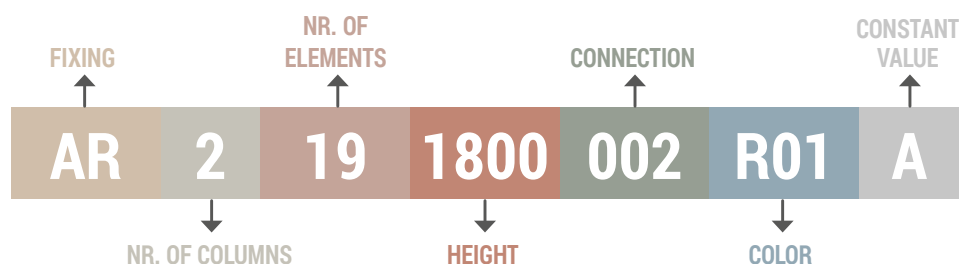
COLOR

R01

+

CONSTANT VALUE

A



COMPOSITION

ARDESIA® without fixing kit, 2 columns,
19 elements, height 1800, connection 002, white R01

AR 2 19 1800 002 R01 A

ardesia[®] CONNECTIONS

To facilitate the desired choice, we have prepared standard configurations with pre-installed reducing bushes and caps. When placing an order, specify the required version. If the type of connection is not specified, the radiator will be supplied with open connections. To order fittings and accessories, refer to page 332.

STANDARD CONFIGURATIONS

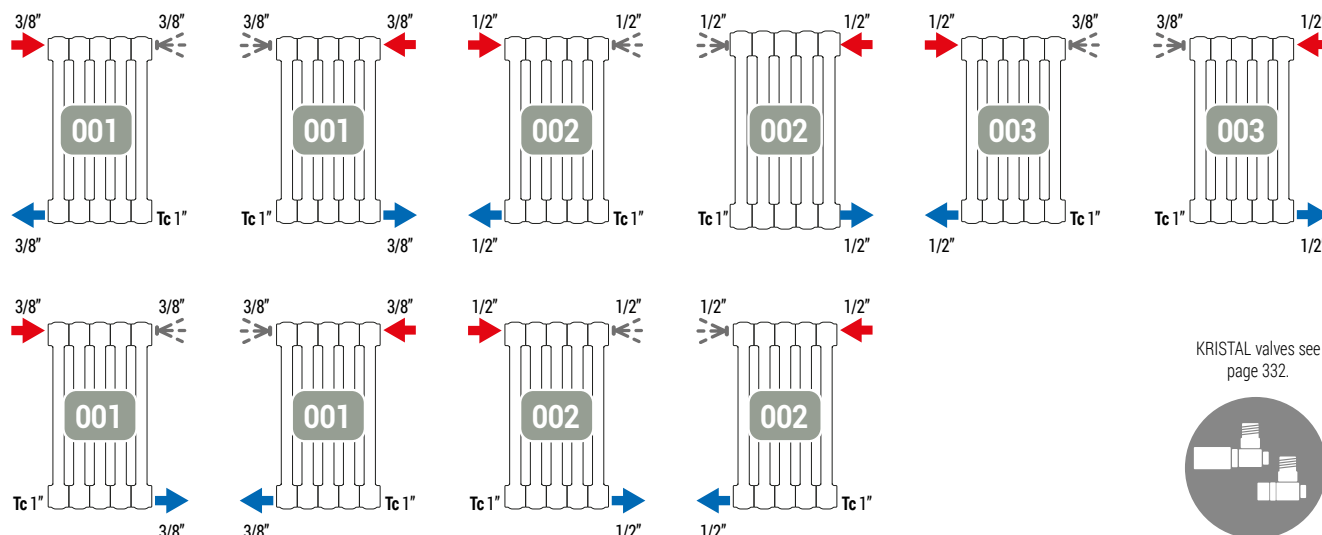
Standard configurations, except for connection "000" or special executions excluded, include airvent end caps and bushes already mounted. It is necessary to specify the desired combination (example: 001, 002, 003, D08, M02, AS3 ecc...).

PLEASE NOTE: besides the configurations hereby presented, all configurations with diameters of 3/4" • 1/2" • 3/8" • 1/4" are available.

LEGEND			
	In		Out
	Airvent		Connection 1/2"
	Movable Diverter		Welded Diverter
	End cap		Thermostatic head
	Bidirectional		

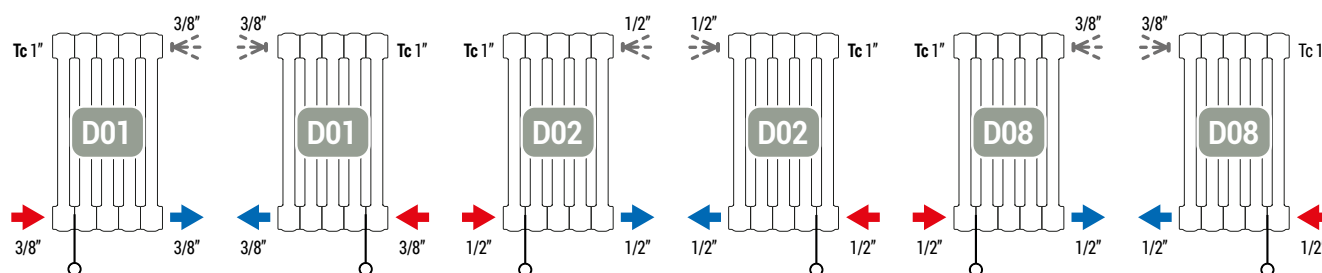
SIDE AND OPPOSITE CONNECTIONS

Without Surcharge - Airvent included



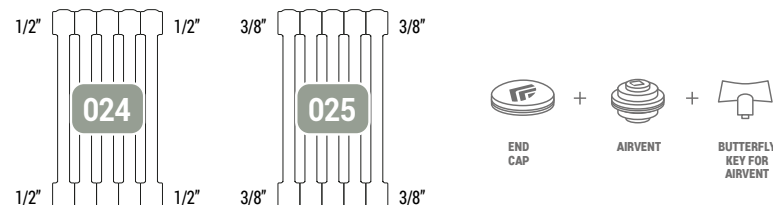
BOTTOM-SIDE CONNECTIONS

Surcharge Euro 10,90 - Airvent included



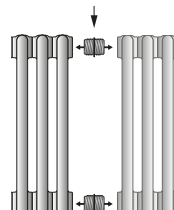
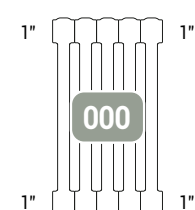
UNIVERSAL CONNECTIONS

Without Surcharge - Airvent included



CONNECTIONS FOR NIPPLING OPERATION

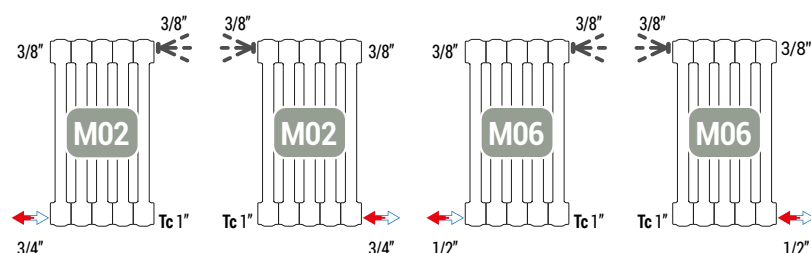
4 open connections with 1" threading end cap, reducing bushes and airvent are supplied separately, on demand.



Ideal for wholesalers that wish to have a stock of radiators ready for use. The "000" connection for nipples operation allows to have batteries of several dimensions and with an almost endless number of heating sections.

BIDIRECTIONAL CONNECTIONS

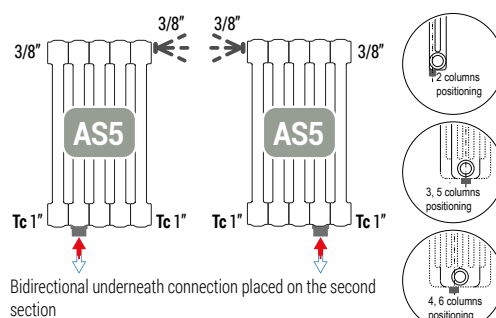
Without Surcharge - Airvent included



Valve Bidirectional Kristal Cordivari only for M6 bidirectional connection for batteries from 3 up to 20 sections. (see ACCESSORIES).

BIDIRECTIONAL CONNECTIONS

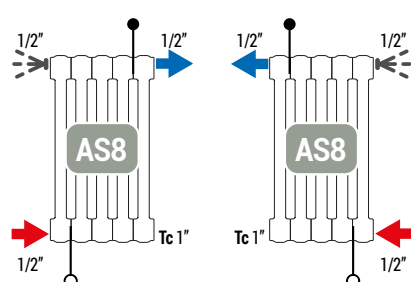
Surcharge **Euro 40,70** - Airvent included



Bidirectional underneath connection placed on the second section

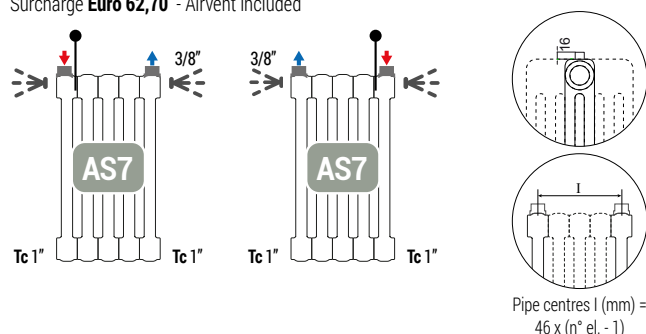
OPPOSITE SPECIAL CONNECTIONS

Surcharge **Euro 62,70** - Airvent included



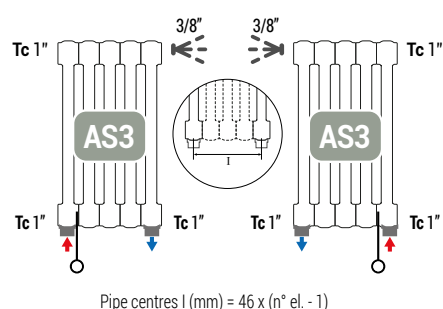
WITH UPPER SLEEVES CONNECTIONS

Surcharge **Euro 62,70** - Airvent included



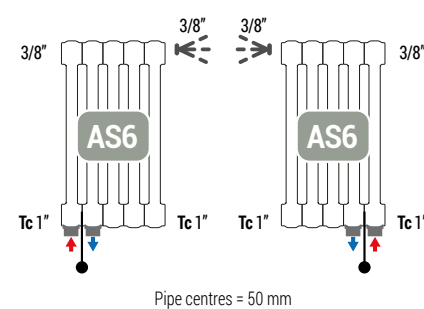
UNDERNEATH WELDED SLEEVES CONNECTIONS

Surcharge **Euro 62,70**
- Airvent included

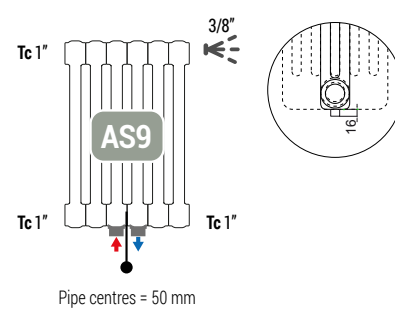


Pipe centres different from standard are available on demand.

Surcharge **Euro 62,70**
- Airvent included

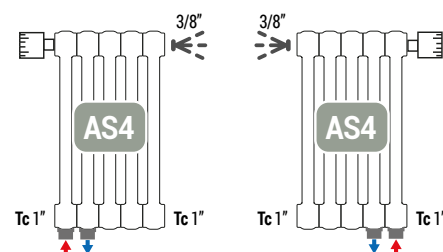


Surcharge **Euro 62,70**
- Airvent included

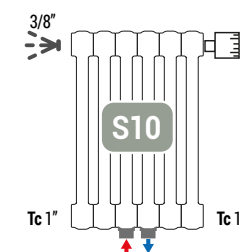


WELDED UNDERNEATH SLEEVES WITH PIPE CENTRES 50 MM 1/2" AND THERMOSTATIC HEAD MOUNTED^(*)

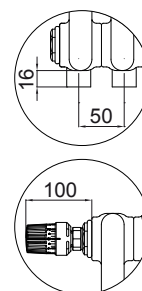
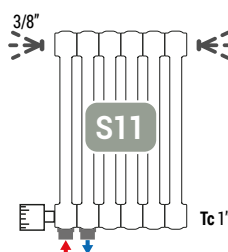
Surcharge **Euro 126,00**



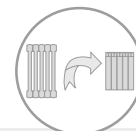
Surcharge **Euro 258,00**



Surcharge **Euro 138,60**



^(*) Valve unit and Liquid thermostatic head Overtop with liquid functioning in accordance with UNI EN 215:2007 regulation.



Height [mm]	COLUMNS				
900	2	3	4	5	6
White price [€]	23,00	24,15	27,05	41,25	53,90
Cost [€/W]	0,34	0,26	0,22	0,28	0,31
Δt 60 = [W]	86,9	120,9	154,8	186,9	222,4
Δt 50 = [W]	68,1	94,6	120,8	146,4	176,4
Δt 40 = [W]	50,6	70,2	89,2	108,6	132,8
Δt 30 = [W]	34,5	47,7	60,4	73,9	92,1
Pipe Centres [mm]	844				
Water content [lt]	0,85	1,27	1,68	2,10	2,50
Dry Weight [kg]	1,33	2,01	2,68	3,36	4,03
Exp. [n]	1,331	1,342	1,359	1,339	1,271

Height [mm]	COLUMNS				
926	2	3	4	5	6
White price [€]	24,90	28,95	33,10	43,55	55,05
Cost [€/W]	0,36	0,30	0,27	0,29	0,30
Δt 60 = [W]	89,2	124,1	158,7	191,7	228,1
Δt 50 = [W]	70,0	97,2	123,9	150,1	180,7
Δt 40 = [W]	52,0	72,0	91,5	111,3	135,9
Δt 30 = [W]	35,4	48,9	61,9	75,6	94,1
Pipe Centres [mm]	870				
Water content [lt]	0,78	1,26	1,70	2,13	2,56
Dry Weight [kg]	1,29	1,95	2,60	3,26	3,92
Exp. [n]	1,332	1,343	1,358	1,342	1,277

Height [mm]	COLUMNS				
1000	2	3	4	5	6
White price [€]	25,05	29,80	33,65	43,65	55,15
Cost [€/W]	0,33	0,29	0,25	0,27	0,29
Δt 60 = [W]	95,9	133,3	169,9	205,4	244,2
Δt 50 = [W]	75,2	104,3	132,7	160,6	192,9
Δt 40 = [W]	55,8	77,3	98,1	118,9	144,4
Δt 30 = [W]	38,0	52,5	66,4	80,7	99,5
Pipe Centres [mm]	944				
Water content [lt]	0,93	1,39	1,84	2,30	2,80
Dry Weight [kg]	1,48	2,22	2,96	3,71	4,46
Exp. [n]	1,335	1,345	1,355	1,348	1,296

Height [mm]	COLUMNS				
1200	2	3	4	5	6
White price [€]	28,90	37,05	42,70	55,65	72,20
Cost [€/W]	0,32	0,30	0,27	0,29	0,32
Δt 60 = [W]	114,3	157,9	199,7	242,1	287,1
Δt 50 = [W]	89,5	123,5	156,2	188,8	224,7
Δt 40 = [W]	66,3	91,3	115,6	139,2	166,5
Δt 30 = [W]	45,1	61,9	78,5	93,9	113,1
Pipe Centres [mm]	1144				
Water content [lt]	1,09	1,63	2,17	2,70	3,20
Dry Weight [kg]	1,76	2,64	3,53	4,41	5,30
Exp. [n]	1,343	1,350	1,348	1,366	1,345

Height [mm]	COLUMNS				
1500	2	3	4	5	6
White price [€]	36,95	47,60	59,20	73,45	91,45
Cost [€/W]	0,33	0,31	0,31	0,32	0,34
Δt 60 = [W]	142,6	194,6	244,3	297,0	349,7
Δt 50 = [W]	111,4	151,9	191,4	230,4	270,0
Δt 40 = [W]	82,3	112,2	142,0	168,8	196,8
Δt 30 = [W]	55,8	75,9	96,6	113,1	130,8
Pipe Centres [mm]	1444				
Water content [lt]	1,33	1,99	2,65	3,30	4,0
Dry Weight [kg]	2,18	3,28	4,37	5,47	6,57
Exp. [n]	1,355	1,359	1,338	1,393	1,418

Height [mm]	COLUMNS				
1656	2	3	4	5	6
White price [€]	40,20	52,40	66,45	85,30	101,65
Cost [€/W]	0,33	0,31	0,32	0,34	0,35
Δt 60 = [W]	157,6	213,2	268,0	324,0	378,0
Δt 50 = [W]	123,1	166,7	209,7	251,9	292,5
Δt 40 = [W]	91,0	123,3	155,3	185,1	213,7
Δt 30 = [W]	61,6	83,6	105,5	124,4	142,6
Pipe Centres [mm]	1600				
Water content [lt]	1,46	2,18	2,90	3,62	4,36
Dry Weight [kg]	2,40	3,61	4,81	6,02	7,23
Exp. [n]	1,355	1,350	1,346	1,381	1,407

Height [mm]	COLUMNS				
1800	2	3	4	5	6
White price [€]	41,50	52,95	67,55	85,65	107,10
Cost [€/W]	0,31	0,29	0,30	0,32	0,34
Δt 60 = [W]	171,7	230,1	290,1	348,7	403,4
Δt 50 = [W]	134,1	180,2	226,6	271,6	312,7
Δt 40 = [W]	99,1	133,6	167,6	200,1	229,0
Δt 30 = [W]	67,1	90,8	113,5	134,9	153,2
Pipe Centres [mm]	1744				
Water content [lt]	1,58	2,35	3,13	3,91	4,70
Dry Weight [kg]	2,60	3,91	5,22	6,53	7,84
Exp. [n]	1,355	1,341	1,353	1,370	1,396

Height [mm]	COLUMNS				
1856	2	3	4	5	6
White price [€]	42,40	55,95	73,35	90,25	117,70
Cost [€/W]	0,31	0,30	0,31	0,32	0,37
Δt 60 = [W]	177,2	236,6	298,7	358,3	413,0
Δt 50 = [W]	138,4	185,5	233,3	279,3	320,4
Δt 40 = [W]	102,3	137,6	172,3	205,9	234,8
Δt 30 = [W]	69,3	93,6	116,7	139,0	157,3
Pipe Centres [mm]	1800				
Water content [lt]	1,62	2,42	3,22	4,02	4,84
Dry Weight [kg]	2,69	4,04	5,40	6,75	8,11
Exp. [n]	1,355	1,338	1,356	1,366	1,392

Height [mm]	COLUMNS				
2000	2	3	4	5	6
White price [€]	42,90	59,10	74,35	96,60	118,35
Cost [€/W]	0,29	0,30	0,30	0,32	0,35
Δt 60 = [W]	191,7	253,6	320,9	382,9	437,2
Δt 50 = [W]	149,8	199,0	250,3	299,0	339,8
Δt 40 = [W]	110,7	147,9	184,6	221,0	249,7
Δt 30 = [W]	75,0	100,9	124,7	149,6	167,8
Pipe Centres [mm]	1944				
Water content [lt]	1,74	2,59	3,45	4,31	5,20
Dry Weight [kg]	2,89	4,33	5,78	7,23	8,69
Exp. [n]	1,355	1,330	1,364	1,356	1,382

Height [mm]	COLUMNS				
2056	2	3	4	5	6
White price [€]	45,90	62,65	79,45	103,00	130,80
Cost [€/W]	0,30	0,31	0,31	0,34	0,38
Δt 60 = [W]	197,4	260,1	329,6	392,4	446,4
Δt 50 = [W]	154,2	204,3	256,9	306,7	347,2
Δt 40 = [W]	114,0	151,9	189,4	226,9	255,3
Δt 30 = [W]	77,2	103,7	127,8	153,8	171,8
Pipe Centres [mm]	2000				
Water content [lt]	1,78	2,66	3,54	4,42	5,29
Dry Weight [kg]	2,98	4,47	5,96	7,45	8,95
Exp. [n]	1,355	1,326	1,366	1,351	1,378

Height [mm]	COLUMNS				
2200	2	3	4	5	6
White price [€]	52,15	69,50	89,25	110,85	132,40
Cost [€/W]	0,31	0,32	0,33	0,34	0,36
Δt 60 = [W]	212,3	276,9	352,1	416,7	469,6
Δt 50 = [W]	165,9	217,8	274,1	326,4	366,0
Δt 40 = [W]	122,6	162,3	201,7	242,0	269,7
Δt 30 = [W]	83,0	111,1	135,9	164,6	182,0
Pipe Centres [mm]	2144				
Water content [lt]	1,90	2,83	3,77	4,71	5,60
Dry Weight [kg]	3,17	4,76	6,35	7,94	9,53
Exp. [n]	1,355	1,318	1,374	1,341	1,367

Height [mm]	COLUMNS				
2500	2	3	4	5	6
White price [€]	57,90	75,40	97,25	120,15	146,95
Cost [€/W]	0,30	0,31	0,31	0,33	0,36
Δt 60 = [W]	244,4	311,7	399,6	467,2	515,6
Δt 50 = [W]	190,9	245,9	310,2	367,4	403,4
Δt 40 = [W]	141,1	184,0	227,5	273,8	298,8
Δt 30 = [W]	95,5	126,6	152,5	187,4	202,9
Pipe Centres [mm]	2444				
Water content [lt]	2,14	3,19	4,25	5,31	6,40
Dry Weight [kg]	3,59	5,39	7,19	9,00	10,80
Exp. [n]	1,355	1,301	1,389	1,318	1,345

Pipe Centres for replacing **CAST IRON** radiators

Pipe Centres for replacing **ALUMINIUM** radiators

Pipe Centres for replacda **LAMELLAR and PANEL** radiators

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



Color: F39 Balmoral grey

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

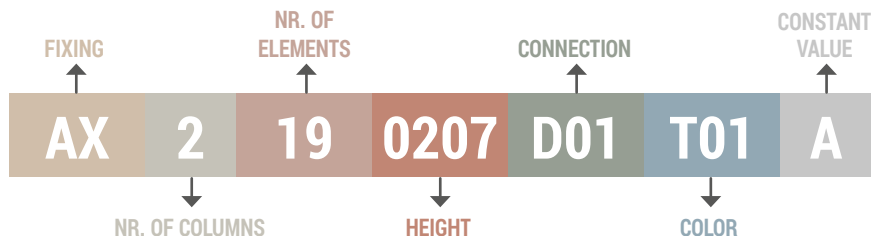
FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
HUB	SECTION WIDTH	
1"	46 mm	

CERTIFICATES



HOW TO ORDER ARDESIA® TUBULAR 2 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 2 19 0207 D01 T01 A

PRICE CALCULATION EXAMPLE

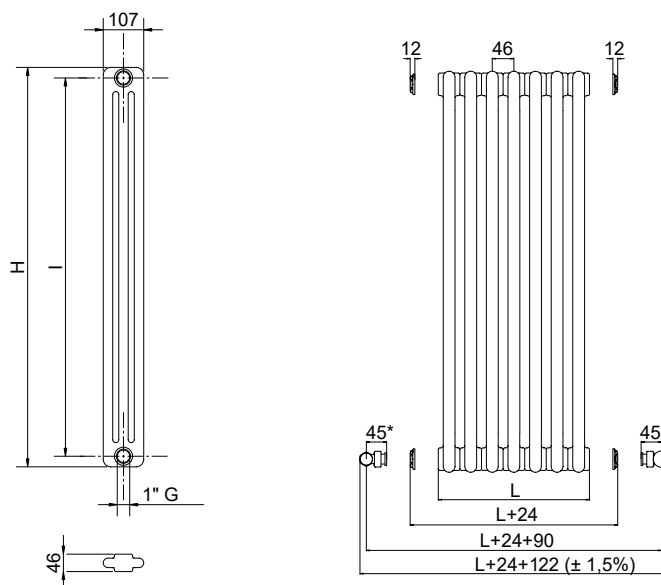
Ardesia® 2 columns - 19 el. - H 207	€ 364,80
- Rapid fixing kit AX	€ + 40,00
- Connection D01	€ + 10,90
- Color T01	€ + 100,00
Total price	€ 515,70

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
Price [€] White R01 Fixing AR 	19,20	19,20	19,25	19,30	19,35	19,65	19,75	19,80	19,95	20,00	20,05	20,30	20,40	20,50
(90/70/20°C) ΔT 60 = W	22,2	32,1	41,5	50,6	55,6	58,3	59,6	61,9	64,7	66,5	73,2	73,7	76,4	82,8
(75/65/20°C) ΔT 50 = W	17,5	25,6	33	40,1	44	46,1	47,1	48,9	51	52,4	57,6	58	60,1	65,1
(55/45/20°C) ΔT 30 = W	9	13,5	17,3	20,9	22,9	23,9	24,4	25,3	26,3	27	29,5	29,7	30,7	33,1
Water content [lt]	0,29	0,37	0,45	0,53	0,58	0,6	0,61	0,63	0,66	0,67	0,73	0,74	0,76	0,82
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,85	0,89	0,91	0,95	0,99	1,02	1,12	1,13	1,18	1,27
Exp. [n]	1,303	1,247	1,261	1,275	1,283	1,287	1,289	1,292	1,297	1,299	1,31	1,311	1,315	1,324
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	3,8	4	4,1	4,2	4,4	4,5	5	5	5,2	5,6
Radiation quote [%]	30	25	25	25	25	25	24	25	25	24	24	24	25	24
Surface [m²]	0,03	0,05	0,06	0,08	0,09	0,09	0,09	0,12	0,1	0,11	0,12	0,12	0,1	0,13

HEIGHTS FOR REPLACEMENT





*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT
Without surcharge

AX

RAPID FIXING KIT
With surcharge



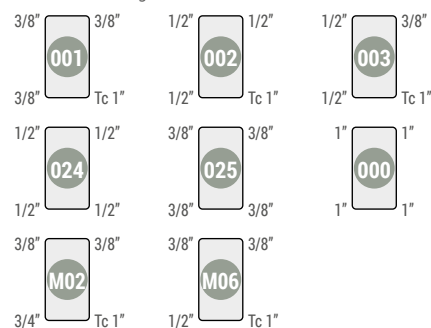
AW

MINIMAL FIXING KIT
With surcharge

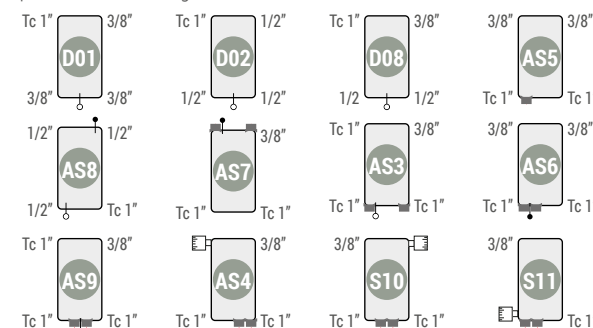


CONNECTIONS

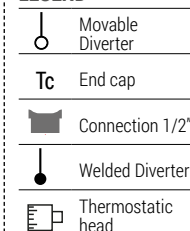
Without surcharge



Specials with surcharge



LEGEND



See pages 18 and 19 connection configurations details.

	876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]
	820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]
	20,55	23,00	24,90	25,05	28,90	36,95	40,20	41,50	42,40	42,90	45,90	52,15	57,90	White R01 Fixing AR Price [€]
	84,7	86,9	89,2	95,9	114,3	142,6	157,6	171,7	177,2	191,7	197,4	212,3	244,4	(90/70/20°C) ΔT 60 = W
	66,5	68,1	70	75,2	89,5	111,4	123,1	134,1	138,4	149,8	154,2	165,9	190,9	(75/65/20°C) ΔT 50 = W
	33,7	34,5	35,4	38	45,1	55,8	61,6	67,1	69,3	75	77,2	83	95,5	(55/45/20°C) ΔT 30 = W
	0,83	0,85	0,78	0,93	1,09	1,33	1,46	1,58	1,62	1,74	1,78	1,9	2,14	Water content [lt]
	1,3	1,33	1,29	1,48	1,76	2,18	2,4	2,6	2,69	2,89	2,98	3,17	3,59	Dry Weight [kg]
	1,327	1,331	1,332	1,335	1,343	1,355	1,355	1,355	1,355	1,355	1,355	1,355	1,355	Exp. [n]
	5,7	5,9	6	6,5	7,7	9,6	10,6	11,5	11,9	12,9	13,3	14,3	16,4	Nominal flow rate [kg/h]
	24	24	24	24	23	23	23	22	23	22	23	22	22	Radiation quote [%]
	0,14	0,14	0,14	0,15	0,18	0,23	0,25	0,28	0,28	0,31	0,31	0,34	0,38	Surface [m²]

SURCHARGE COLORS

	CLASSIC COLOR	+ € 100,00
	SPECIAL COLOR	+ € 150,00

SURCHARGE SPECIAL CONNECTIONS

D01 - D02 - D08	+ € 10,90	AS4	+ € 126,00
AS5	+ € 40,70	S10	+ € 258,00
AS3 - AS6 - AS7 - AS8 - AS9	+ € 62,70	S11	+ € 138,60

SURCHARGE FIXING KIT

AX	RAPID FIXING KIT	+ € 40,00
AW	MINIMAL FIXING KIT	+ € 15,00



Color: RAL 3003 - R08 Ruby red

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

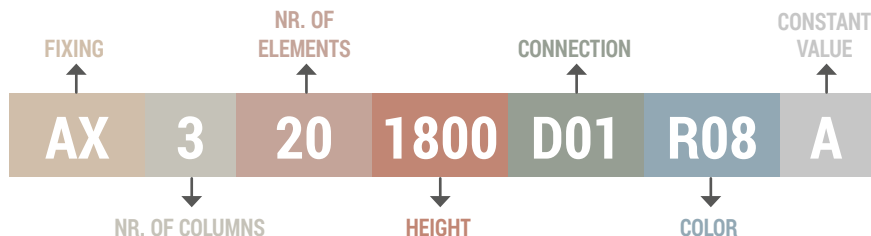
FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
☒ Hot water	110 °C	18
☒ Electric (see page 110)		
MAXIMUM WORKING PRESSURE	TESTING CONDITIONS	
10 bar	13 bar	
HUB	SECTION WIDTH	
1"	46 mm	

CERTIFICATES



HOW TO ORDER ARDESIA® TUBULAR 3 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 3 20 1800 D01 R08 A

PRICE CALCULATION EXAMPLE

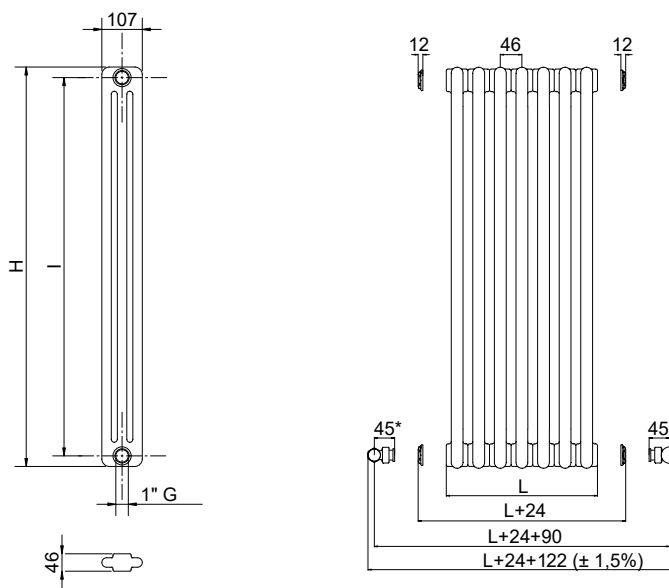
Ardesia® 3 columns - 20 el. - H 1800	€ 1.059,00
- Rapid fixing kit AX	€ + 40,00
- Connection D01	€ + 10,90
- Color R08	€ + 100,00
Total price	€ 1.209,90

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
Price [€] White R01 Fixing AR	19,25	19,25	19,30	19,35	19,40	19,70	19,85	19,95	20,15	20,15	20,70	21,30	22,50	22,55
(90/70/20°C) ΔT 60 = W	31,5	43,7	56,9	69,9	77,2	81	82,8	86,1	90	92,5	101,9	102,7	106,5	115,3
(75/65/20°C) ΔT 50 = W	24,8	34,7	45,1	55,2	60,9	63,8	65,2	67,8	70,8	72,8	80	80,6	83,6	90,4
(55/45/20°C) ΔT 30 = W	12,7	18,1	23,4	28,5	31,3	32,8	33,5	34,7	36,2	37,2	40,7	41	42,4	45,7
Water content [lt]	0,42	0,54	0,66	0,79	0,85	0,89	0,91	0,94	0,97	1	1,09	1,09	1,13	1,21
Dry Weight [kg]	0,53	0,74	0,95	1,16	1,28	1,34	1,37	1,43	1,49	1,53	1,69	1,7	1,77	1,91
Exp. [n]	1,314	1,273	1,284	1,296	1,302	1,306	1,307	1,31	1,314	1,316	1,325	1,325	1,329	1,337
Nominal flow rate [kg/h]	2,1	3	3,9	4,7	5,2	5,5	5,6	5,8	6,1	6,3	6,9	6,9	7,2	7,8
Radiation quote [%]	23	23	23	22	22	22	22	22	22	22	21	22	22	22
Surface [m²]	0,05	0,07	0,1	0,12	0,13	0,14	0,14	0,15	0,15	0,16	0,18	0,18	0,18	0,2

HEIGHTS FOR REPLACEMENT





*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT
Without surcharge

AX

RAPID FIXING KIT
With surcharge



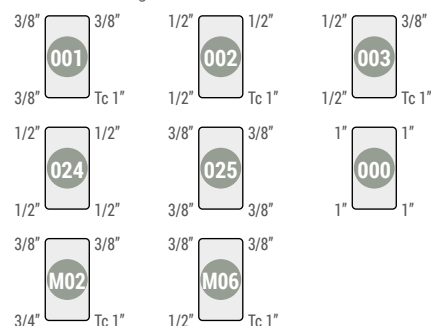
AW

MINIMAL FIXING KIT
With surcharge

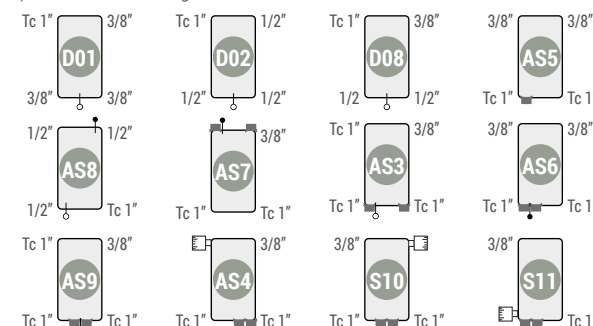


CONNECTIONS

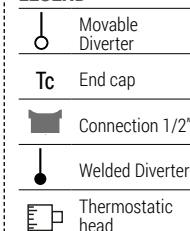
Without surcharge



Specials with surcharge



LEGEND



See pages 18 and 19 connection configurations details.

	876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]
	820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]
	22,65	24,15	28,95	29,80	37,05	47,60	52,40	52,95	55,95	59,10	62,65	69,50	75,40	White R01 Fixing AR Price [€]
	117,8	120,9	124,1	133,3	157,9	194,6	213,2	230,1	236,6	253,6	260,1	276,9	311,7	(90/70/20°C) ΔT 60 = W
	92,3	94,6	97,2	104,3	123,5	151,9	166,7	180,2	185,5	199	204,3	217,8	245,9	(75/65/20°C) ΔT 50 = W
	46,6	47,7	48,9	52,5	61,9	75,9	83,6	90,8	93,6	100,9	103,7	111,1	126,6	(55/45/20°C) ΔT 30 = W
	1,24	1,27	1,26	1,39	1,63	1,99	2,18	2,35	2,42	2,59	2,66	2,83	3,19	Water content [lt]
	1,96	2,01	1,95	2,22	2,64	3,28	3,61	3,91	4,04	4,33	4,47	4,76	5,39	Dry Weight [kg]
	1,339	1,342	1,343	1,345	1,35	1,359	1,35	1,341	1,338	1,33	1,326	1,318	1,301	Exp. [n]
	7,9	8,1	8,4	9	10,6	13,1	14,3	15,5	16	17,1	17,6	18,7	21,1	Nominal flow rate [kg/h]
	22	21	21	21	21	20	20	20	19	19	19	19	18	Radiation quote [%]
	0,2	0,21	0,22	0,23	0,28	0,35	0,38	0,41	0,43	0,46	0,47	0,5	0,57	Surface [m²]

SURCHARGE COLORS

	CLASSIC COLOR	+ € 100,00
	SPECIAL COLOR	+ € 150,00

SURCHARGE SPECIAL CONNECTIONS

D01 - D02 - D08	+ € 10,90	AS4	+ € 126,00
AS5	+ € 40,70	S10	+ € 258,00
AS3 - AS6 - AS7 - AS8 - AS9	+ € 62,70	S11	+ € 138,60

SURCHARGE FIXING KIT

AX	RAPID FIXING KIT	+ € 40,00
AW	MINIMAL FIXING KIT	+ € 15,00



Color: RAL 9010 - R01 White

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

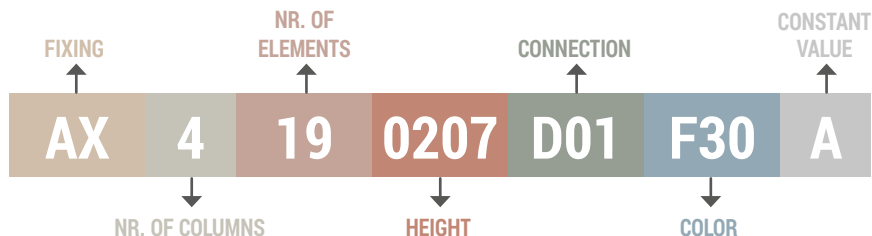
See color chart on pages II and III.

FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
HUB	SECTION WIDTH	
1"	46 mm	
CERTIFICATES		



HOW TO ORDER ARDESIA® TUBULAR 4 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 4 19 0207 D01 F30 A

PRICE CALCULATION EXAMPLE

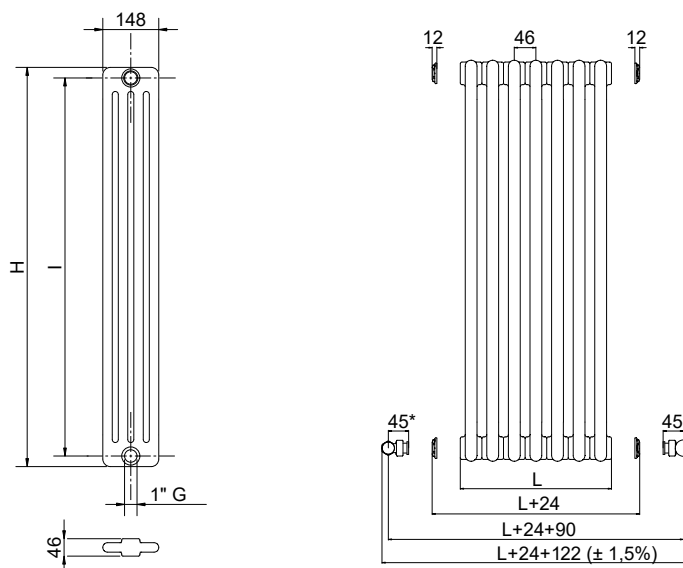
Ardesia® 4 columns - 19 el. - H 207	€ 427,50
- Rapid fixing kit AX	€ + 40,00
- Connection D01	€ + 10,90
- Color F30	€ + 100,00
Total price	€ 578,40

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
Price [€] White R01 Fixing AR	22,50	22,50	22,60	22,65	22,70	23,05	23,10	23,15	23,30	23,30	24,20	24,40	25,35	25,60
(90/70/20°C) ΔT 60 = W	40,7	58,9	75,5	91,7	100,6	105,4	107,6	111,7	116,5	119,6	131,3	132,2	136,9	147,9
(75/65/20°C) ΔT 50 = W	32	46,8	59,8	72,4	79,3	83	84,7	87,9	91,6	94	102,9	103,6	107,2	115,6
(55/45/20°C) ΔT 30 = W	16,3	24,5	31,1	37,3	40,7	42,5	43,4	44,9	46,6	47,8	52	52,4	54,1	58
Water content [lt]	0,56	0,72	0,88	1,04	1,13	1,18	1,2	1,24	1,29	1,32	1,44	1,45	1,5	1,61
Dry Weight [kg]	0,71	0,99	1,27	1,55	1,71	1,79	1,84	1,91	1,99	2,05	2,26	2,28	2,37	2,56
Exp. [n]	1,317	1,265	1,28	1,296	1,305	1,309	1,312	1,316	1,32	1,324	1,335	1,336	1,341	1,352
Nominal flow rate [kg/h]	2,8	4	5,1	6,2	6,8	7,1	7,3	7,6	7,9	8,1	8,8	8,9	9,2	9,9
Radiation quote [%]	20	20	19	19	19	19	19	19	19	19	19	19	19	19
Surface [m²]	0,07	0,1	0,13	0,16	0,18	0,19	0,19	0,2	0,21	0,21	0,23	0,24	0,25	0,27

HEIGHTS FOR REPLACEMENT





*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT
Without surcharge

AX

RAPID FIXING KIT
With surcharge



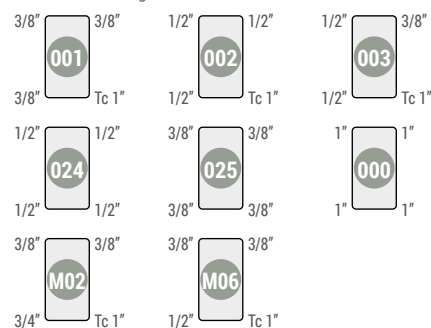
AW

MINIMAL FIXING KIT
With surcharge

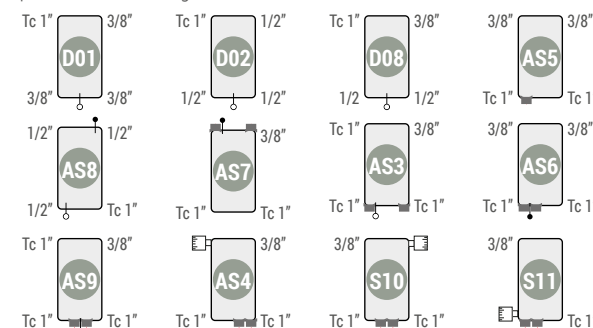


CONNECTIONS

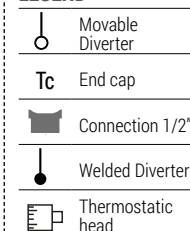
Without surcharge



Specials with surcharge



LEGEND



See pages 18 and 19 connection configurations details.

876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]	
820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]	
26,90	27,05	33,10	33,65	42,70	59,20	66,45	67,55	73,35	74,35	79,45	89,25	97,25	White R01	Price [€]
151	154,8	158,7	169,9	199,7	244,3	268	290,1	298,7	320,9	329,6	352,1	399,6	(90/70/20°C) ΔT 60 = W	
118	120,8	123,9	132,7	156,2	191,4	209,7	226,6	233,3	250,3	256,9	274,1	310,2	(75/65/20°C) ΔT 50 = W	
59,1	60,4	61,9	66,4	78,5	96,6	105,5	113,5	116,7	124,7	127,8	135,9	152,5	(55/45/20°C) ΔT 30 = W	
1,65	1,68	1,7	1,84	2,17	2,65	2,9	3,13	3,22	3,45	3,54	3,77	4,25	Water content [lt]	
2,61	2,68	2,6	2,96	3,53	4,37	4,81	5,22	5,4	5,78	5,96	6,35	7,19	Dry Weight [kg]	
1,355	1,359	1,358	1,355	1,348	1,338	1,346	1,353	1,356	1,364	1,366	1,374	1,389	Exp. [n]	
10,1	10,4	10,7	11,4	13,4	16,5	18	19,5	20,1	21,5	22,1	23,6	26,7	Nominal flow rate [kg/h]	
19	18	18	18	18	17	17	17	16	16	16	16	15	Radiation quote [%]	
0,27	0,28	0,29	0,31	0,37	0,46	0,51	0,55	0,57	0,61	0,63	0,67	0,76	Surface [m²]	

SURCHARGE COLORS

	CLASSIC COLOR	+ € 100,00
	SPECIAL COLOR	+ € 150,00

SURCHARGE SPECIAL CONNECTIONS

D01 - D02 - D08	+ € 10,90	AS4	+ € 126,00
AS5	+ € 40,70	S10	+ € 258,00
AS3 - AS6 - AS7 - AS8 - AS9	+ € 62,70	S11	+ € 138,60

SURCHARGE FIXING KIT

AX	RAPID FIXING KIT	+ € 40,00
AW	MINIMAL FIXING KIT	+ € 15,00



Color: RAL 9010 - R01 White

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

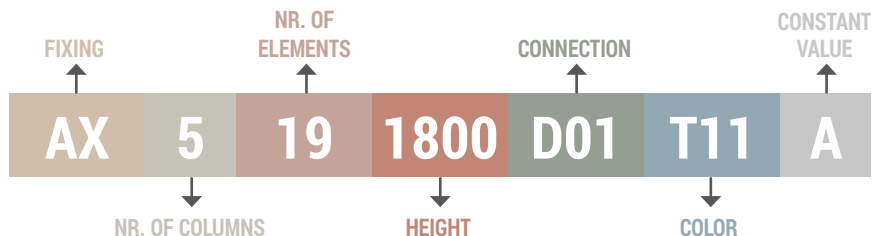
FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
HUB	SECTION WIDTH	
1"	46 mm	

CERTIFICATES



HOW TO ORDER ARDESIA® TUBULAR 5 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 5 19 1800 D01 T11 A

PRICE CALCULATION EXAMPLE

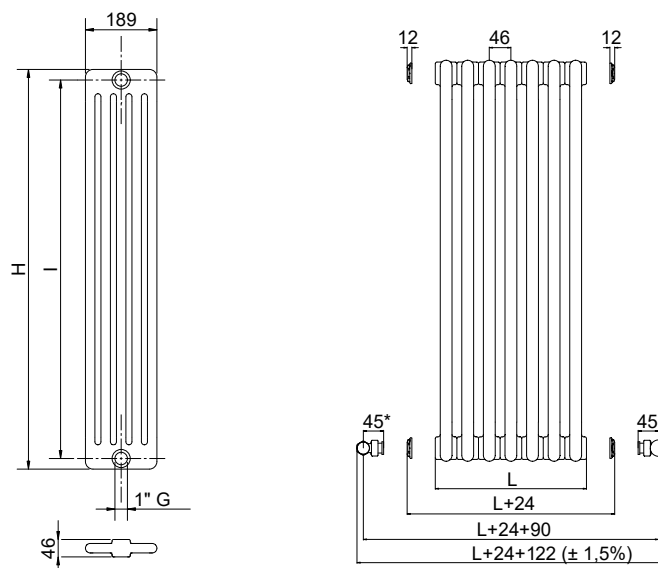
Ardesia® 5 columns - 19 el. - H 1800	€ 1.627,35
- Rapid fixing kit AX	€ + 40,00
- Connection D01	€ + 10,90
- Color T11	€ + 100,00
Total price	€ 1.778,25

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
Price [€] White R01 FIXING AR	32,10	32,10	32,15	32,20	32,25	32,30	32,35	33,10	34,65	36,75	36,95	37,15	38,15	39,50
(90/70/20°C) ΔT 60 = W	50,5	71,9	92,1	111,7	122,5	128,3	130,9	135,9	141,5	145,3	159,2	160,3	165,9	178,8
(75/65/20°C) ΔT 50 = W	39,7	56,5	72,4	87,7	96,2	100,7	102,7	106,6	111	114	124,8	125,7	130	140,1
(55/45/20°C) ΔT 30 = W	20,1	28,8	36,8	44,6	48,8	51,1	52,1	54	56,3	57,7	63,1	63,6	65,7	70,7
Water content [lt]	0,7	0,9	1,1	1,3	1,41	1,47	1,5	1,55	1,61	1,65	1,8	1,81	1,87	2,01
Dry Weight [kg]	0,89	1,24	1,59	1,95	2,14	2,24	2,3	2,39	2,5	2,57	2,83	2,85	2,97	3,2
Exp. [n]	1,329	1,32	1,323	1,326	1,328	1,329	1,329	1,33	1,331	1,332	1,334	1,335	1,335	1,338
Nominal flow rate [kg/h]	3,4	4,9	6,2	7,5	8,3	8,7	8,8	9,2	9,5	9,8	10,7	10,8	11,2	12
Radiation quote [%]	19	19	18	18	18	18	18	18	18	18	18	18	17	17
Surface [m²]	0,09	0,12	0,16	0,2	0,22	0,23	0,24	0,25	0,26	0,27	0,29	0,3	0,31	0,33

HEIGHTS FOR REPLACEMENT





*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT
Without surcharge

AX

RAPID FIXING KIT
With surcharge



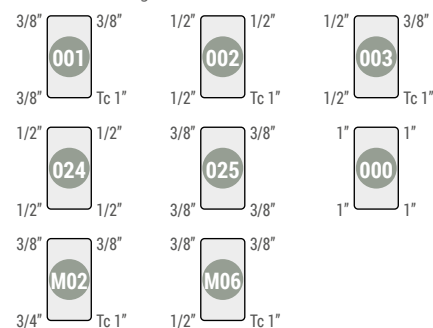
AW

MINIMAL FIXING KIT
With surcharge

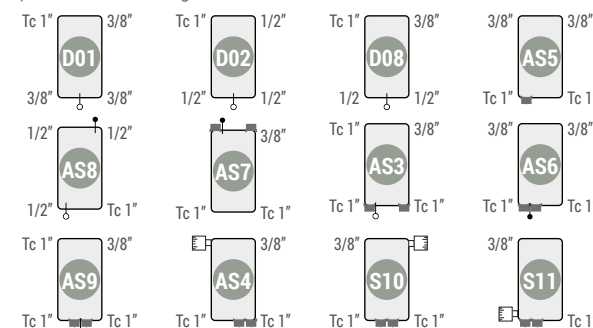


CONNECTIONS

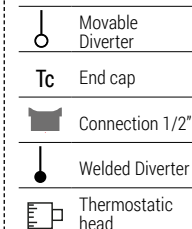
Without surcharge



Specials with surcharge



LEGEND



See pages 18 and 19 connection configurations details.

	876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]
	820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]
	40,55	41,25	43,55	43,65	55,65	73,45	85,30	85,65	90,25	96,60	103,00	110,85	120,15	White R01 Fixing AR Price [€]
	182,5	186,9	191,7	205,4	242,1	297	324	348,7	358,3	382,9	392,4	416,7	467,2	(90/70/20°C) ΔT 60 = W
	143	146,4	150,1	160,6	188,8	230,4	251,9	271,6	279,3	299	306,7	326,4	367,4	(75/65/20°C) ΔT 50 = W
	72,2	73,9	75,6	80,7	93,9	113,1	124,4	134,9	139	149,6	153,8	164,6	187,4	(55/45/20°C) ΔT 30 = W
	2,05	2,1	2,13	2,3	2,7	3,3	3,62	3,91	4,02	4,31	4,42	4,71	5,31	Water content [lt]
	3,27	3,36	3,26	3,71	4,41	5,47	6,02	6,53	6,75	7,23	7,45	7,94	9	Dry Weight [kg]
	1,338	1,339	1,342	1,348	1,366	1,393	1,381	1,37	1,366	1,356	1,351	1,341	1,318	Exp. [n]
	12,3	12,6	12,9	13,8	16,2	19,8	21,7	23,4	24	25,7	26,4	28,1	31,6	Nominal flow rate [kg/h]
	17	17	17	17	16	16	15	15	15	14	14	14	13	Radiation quote [%]
	0,34	0,35	0,36	0,39	0,46	0,58	0,64	0,69	0,71	0,77	0,79	0,84	0,95	Surface [m²]

SURCHARGE COLORS

	CLASSIC COLOR	+ € 100,00
	SPECIAL COLOR	+ € 150,00

SURCHARGE SPECIAL CONNECTIONS

D01 - D02 - D08	+ € 10,90	AS4	+ € 126,00
AS5	+ € 40,70	S10	+ € 258,00
AS3 - AS6 - AS7 - AS8 - AS9	+ € 62,70	S11	+ € 138,60

SURCHARGE FIXING KIT

AX	RAPID FIXING KIT	+ € 40,00
AW	MINIMAL FIXING KIT	+ € 15,00



Color: RAL 9010 - R01 White

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

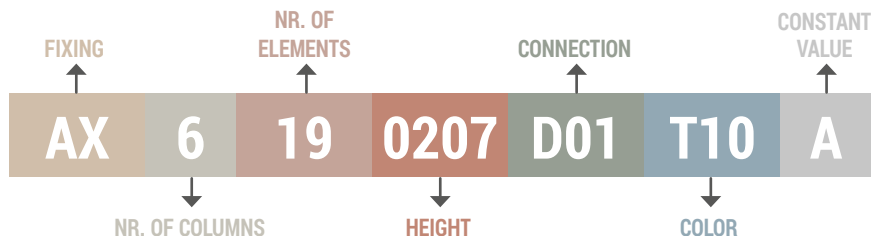
FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
HUB	SECTION WIDTH	
1"	46 mm	

CERTIFICATES



HOW TO ORDER ARDESIA® TUBULAR 6 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 6 19 0207 D01 T10 A

PRICE CALCULATION EXAMPLE

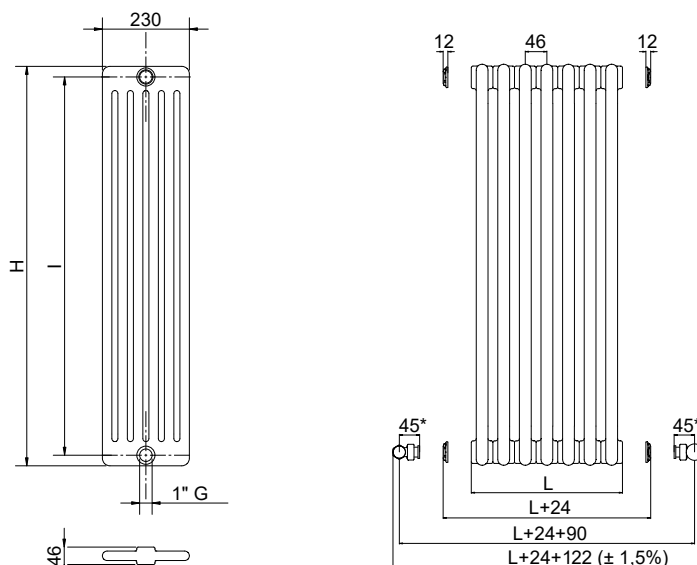
Ardesia® 6 columns - 19 el. - H 207	€ 714,40
- Rapid fixing kit AX	€ + 40,00
- Connection D01	€ + 10,90
- Color T10	€ + 100,00
Total price	€ 865,30

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
Price [€] White R01 Fixing AR	37,60	37,60	37,70	38,30	39,40	39,50	40,10	43,20	43,30	43,60	45,15	46,30	46,60	51,70
(90/70/20°C) ΔT 60 = W	61,9	86,1	110,9	134,7	147,6	154,5	157,6	163,5	170,2	174,6	190,7	192	198,4	213,2
(75/65/20°C) ΔT 50 = W	48,7	67,7	87,3	106,2	116,5	121,9	124,5	129,1	134,5	138	150,9	152	157,1	169
(55/45/20°C) ΔT 30 = W	24,8	34,5	44,6	54,5	60	62,8	64,2	66,7	69,5	71,4	78,3	78,9	81,7	88,1
Water content [lt]	0,8	1,1	1,3	1,6	1,7	1,77	1,8	1,85	1,9	2	2,2	2,2	2,25	2,4
Dry Weight [kg]	1,07	1,49	1,92	2,34	2,58	2,7	2,76	2,87	3	3,09	3,4	3,42	3,56	3,85
Exp. [n]	1,318	1,322	1,313	1,305	1,3	1,298	1,296	1,294	1,292	1,29	1,284	1,283	1,281	1,275
Nominal flow rate [kg/h]	4,2	5,8	7,5	9,1	10	10,5	10,7	11,1	11,6	11,9	13	13,1	13,5	14,5
Radiation quote [%]	19	19	18	18	18	18	18	18	18	18	17	17	17	17
Surface [m²]	0,11	0,15	0,19	0,24	0,27	0,28	0,29	0,3	0,31	0,32	0,35	0,36	0,37	0,4

HEIGHTS FOR REPLACEMENT





*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT
Without surcharge

AX

RAPID FIXING KIT
With surcharge



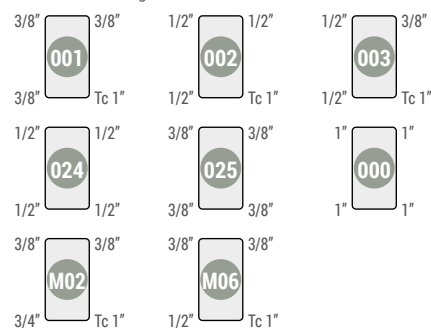
AW

MINIMAL FIXING KIT
With surcharge

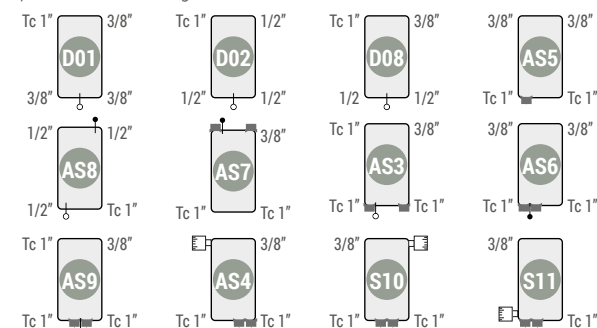


CONNECTIONS

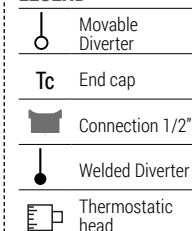
Without surcharge



Specials with surcharge



LEGEND



See pages 18 and 19 connection configurations details.

876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]
820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]
53,70	53,90	55,05	55,15	72,20	91,45	101,65	107,10	117,70	118,35	130,80	132,40	146,95	White R01 Fixing AR Price [€]
217,4	222,4	228,1	244,2	287,1	349,7	378	403,4	413	437,2	446,4	469,6	515,6	(90/70/20°C) ΔT 60 = W
172,4	176,4	180,7	192,9	224,7	270	292,5	312,7	320,4	339,8	347,2	366	403,4	(75/65/20°C) ΔT 50 = W
90	92,1	94,1	99,5	113,1	130,8	142,6	153,2	157,3	167,8	171,8	182	202,9	(55/45/20°C) ΔT 30 = W
2,5	2,5	2,56	2,8	3,2	4	4,36	4,7	4,84	5,2	5,29	5,6	6,4	Water content [lt]
3,93	4,03	3,92	4,46	5,3	6,57	7,23	7,84	8,11	8,69	8,95	9,53	10,8	Dry Weight [kg]
1,273	1,271	1,277	1,296	1,345	1,418	1,407	1,396	1,392	1,382	1,378	1,367	1,345	Exp. [n]
148	152	15,5	16,6	19,3	23,2	25,2	26,9	27,6	29,2	29,9	31,5	34,7	Nominal flow rate [kg/h]
17	17	17	17	16	15	15	14	14	14	13	13	12	Radiation quote [%]
0,41	0,42	0,43	0,47	0,56	0,69	0,76	0,83	0,85	0,92	0,94	1,01	1,14	Surface [m²]

SURCHARGE COLORS

	CLASSIC COLOR	+ € 100,00
	SPECIAL COLOR	+ € 150,00

SURCHARGE SPECIAL CONNECTIONS

D01 - D02 - D08	+ € 10,90	AS4	+ € 126,00
AS5	+ € 40,70	S10	+ € 258,00
AS3 - AS6 - AS7 - AS8 - AS9	+ € 62,70	S11	+ € 138,60

SURCHARGE FIXING KIT

AX	RAPID FIXING KIT	+ € 40,00
AW	MINIMAL FIXING KIT	+ € 15,00



MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.
- Seat in solid wood.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

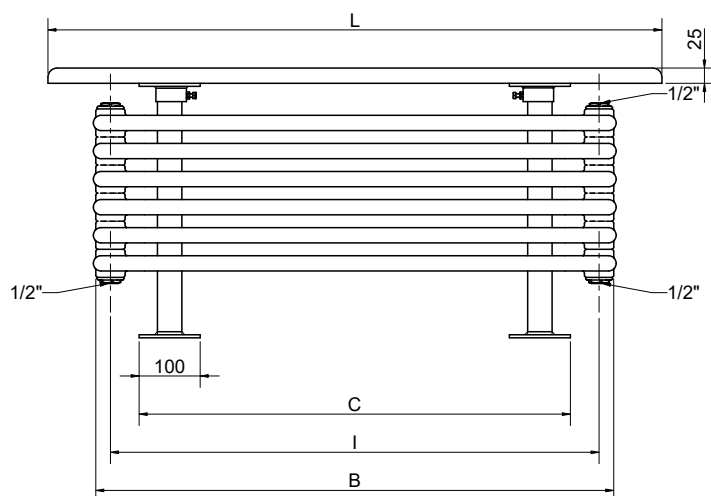
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

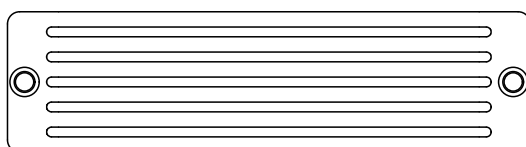
See color chart on pages II and III.

FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
CONNECTION	SECTION WIDTH	AIRVENT
2 1/2" connections	46 mm	1/2"
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
CERTIFICATES		

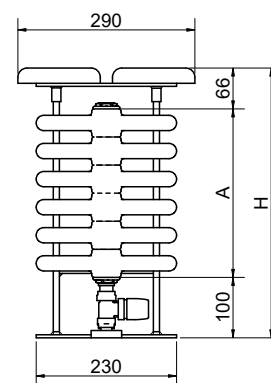




A third feet is provided from L 1950 mm as additional central support.



Top view - single 6 column section



Measurements for Kristal Total Color thermostatic angled valve kit available as accessory

ARDESIA® BENCH 6 COLUMNS

Thermal output

										Price [€]												
Height	Width	Nr. Elements	Pipe Centres	A	B	C							Dry Weight	Water content	Δt 50°C	Δt 60°C	Exp.					
										R01 White	CLASSIC Color	SPECIAL Color										
[mm]	L [mm]	Nr.	I [mm]	[mm]	[mm]	[mm]	Art. nr.						[Kg]	[lt]	[Watt]	kcal/h *	[Watt]	kcal/h *	n			
350	650	4	444	184	500	350	AR6 04 0500 PR2 __ A	926,00	1.026,00	1.076,00	28	6,4	424	365	540	464	1,348					
	806		600	184	656	506	AR6 04 0656 PR2 __ A	960,00	1.060,00	1.110,00	32	7,6	536	461	685	589	1,346					
	1006		800	184	856	706	AR6 04 0856 PR2 __ A	992,00	1.092,00	1.142,00	38	9,6	676	581	864	743	1,343					
	1350		1144	184	1200	1050	AR6 04 1200 PR2 __ A	1.045,00	1.145,00	1.195,00	45	13,0	900	744	1149	988	1,337					
	1650		1444	184	1500	1350	AR6 04 1500 PR2 __ A	1.109,00	1.209,00	1.259,00	53	15,8	1080	929	1377	1184	1,333					
	1950		1744	184	1800	1650	AR6 04 1800 PR2 __ A	1.225,00	1.325,00	1.375,00	62	18,7	1252	1077	1595	1372	1,328					
	2150		1944	184	2000	1850	AR6 04 2000 PR2 __ A	1.350,00	1.450,00	1.500,00	71	20,7	1360	1170	1732	1489	1,325					
	2350		2144	184	2200	2050	AR6 04 2200 PR2 __ A	1.483,00	1.583,00	1.633,00	77	22,6	1464	1259	1863	1602	1,322					
2650	2444	184	2500	2350	AR6 04 2500 PR2 __ A	1.629,00	1.729,00	1.779,00	86	25,5	1612	1386	2050	1763	1,317							
396	650	5	444	230	500	350	AR6 05 0500 PR2 __ A	965,00	1.065,00	1.115,00	31	8,0	530	456	678	583	1,348					
	806		600	230	656	506	AR6 05 0656 PR2 __ A	1.009,00	1.109,00	1.159,00	36	9,5	670	576	856	736	1,346					
	1006		800	230	856	706	AR6 05 0856 PR2 __ A	1.045,00	1.145,00	1.195,00	43	12,0	845	727	1079	928	1,343					
	1350		1144	230	1200	1050	AR6 05 1200 PR2 __ A	1.111,00	1.211,00	1.261,00	51	16,2	1125	968	1436	1235	1,337					
	1650		1444	230	1500	1350	AR6 05 1500 PR2 __ A	1.179,00	1.279,00	1.329,00	61	19,8	1350	1161	1721	1480	1,333					
	1950		1744	230	1800	1650	AR6 05 1800 PR2 __ A	1.300,00	1.400,00	1.450,00	70	23,4	1565	1346	1994	1715	1,328					
	2150		1944	230	2000	1850	AR6 05 2000 PR2 __ A	1.441,00	1.541,00	1.591,00	81	25,8	1770	1462	2165	1862	1,325					
	2350		2144	230	2200	2050	AR6 05 2200 PR2 __ A	1.583,00	1.683,00	1.733,00	88	28,2	1830	1574	2329	2003	1,322					
2650	2444	230	2500	2350	AR6 05 2500 PR2 __ A	1.738,00	1.838,00	1.888,00	98	31,8	2015	1733	2562	2203	1,317							
442	650	6	444	276	500	350	AR6 06 0500 PR2 __ A	1.011,00	1.111,00	1.161,00	34	9,6	636	547	810	697	1,348					
	806		600	276	656	506	AR6 06 0656 PR2 __ A	1.058,00	1.158,00	1.208,00	40	11,4	804	691	1028	884	1,346					
	1006		800	276	856	706	AR6 06 0856 PR2 __ A	1.097,00	1.197,00	1.247,00	48	14,4	1014	872	1296	1115	1,343					
	1350		1144	276	1200	1050	AR6 06 1200 PR2 __ A	1.168,00	1.268,00	1.318,00	57	19,4	1350	1161	1723	1482	1,337					
	1650		1444	276	1500	1350	AR6 06 1500 PR2 __ A	1.252,00	1.352,00	1.402,00	68	23,8	1620	1393	2066	1776	1,333					
	1950		1744	276	1800	1650	AR6 06 1800 PR2 __ A	1.376,00	1.476,00	1.526,00	79	28,1	1878	1615	2393	2058	1,328					
	2150		1944	276	2000	1850	AR6 06 2000 PR2 __ A	1.527,00	1.627,00	1.677,00	91	31,0	2040	1754	2597	2234	1,325					
	2350		2144	276	2200	2050	AR6 06 2200 PR2 __ A	1.680,00	1.780,00	1.830,00	98	33,9	2196	1889	2795	2403	1,322					
2650	2444	276	2500	2350	AR6 06 2500 PR2 __ A	1.848,00	1.948,00	1.998,00	109	38,2	2418	2079	3074	2644	1,317							

To complete the article code, enter the color code corresponding to the chosen color.

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ



Color: S03 Pergamon

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.
- Space rings between sections welded with robotized technology of pulsed spray welding.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled cardboard. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

COLORS:

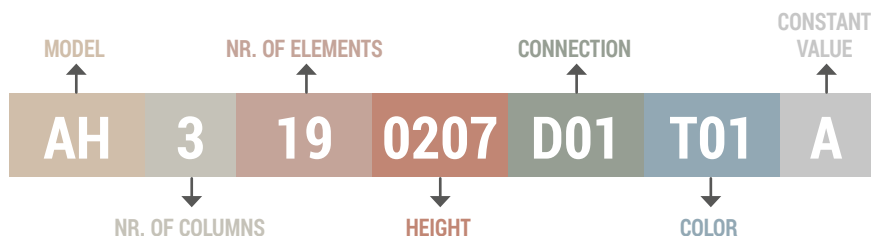
See color chart on pages II and III.

FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE	TESTING CONDITIONS	
10 bar	13 bar	
HUB	SECTION WIDTH	
1"	65 mm	
CERTIFICATES		



HOW TO ORDER ARDESIA® HYGIENIC

EXAMPLE OF CODE COMPOSITION



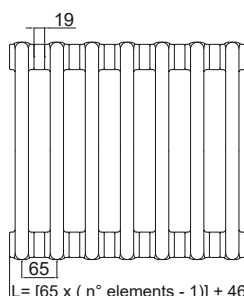
Fixing kit to be ordered separately (see pages 340-341).

EXAMPLE OF ARTICLE CODE

AH 3 19 0207 D01 T01 A

PRICE CALCULATION EXAMPLE

Ardesia® Hygienic 3 columns 19 el. - H 207 (€ 34,25 x 19 el.)	€ 650,75
- Connection D01	€ + 10,90
- Color T01	€ + 100,00
Total price	€ 761,65



On demand, it is possible to realize ardesia in hygienic version, with all connections, heights, dimensions and finishing.
This execution extends the water content of Ardesia® to be applied also to sanitary and community centers subject to severe norms for hygiene in heating systems.
The space between the sections has been conceived to facilitate an accurate cleaning on all radiator surface. For additional information feel free to contact our sales department.

PRICE AND TECHNICAL DATA PER SECTION (at least 3 elements) COLOR R01 WHITE						
	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	
Height [mm]						
207	€ 34,20	€ 34,25	€ 37,50	€ 47,10	€ 52,60	
300	€ 34,20	€ 34,25	€ 37,50	€ 47,10	€ 52,60	
400	€ 34,25	€ 34,30	€ 37,60	€ 47,15	€ 52,70	
500	€ 34,30	€ 34,35	€ 37,65	€ 47,20	€ 53,30	
600	€ 34,75	€ 34,85	€ 38,10	€ 47,35	€ 55,10	
750	€ 35,05	€ 35,70	€ 39,20	€ 51,95	€ 60,15	
900	€ 38,00	€ 39,15	€ 42,05	€ 56,25	€ 68,90	
1000	€ 40,05	€ 44,80	€ 48,65	€ 58,65	€ 70,15	
1200	€ 43,90	€ 52,05	€ 57,70	€ 70,65	€ 87,20	
1500	€ 51,95	€ 62,60	€ 74,20	€ 88,45	€ 106,45	
1800	€ 56,50	€ 67,95	€ 82,55	€ 100,65	€ 122,10	
2000	€ 57,90	€ 74,10	€ 89,35	€ 111,60	€ 133,35	
2200	€ 67,15	€ 84,50	€ 104,25	€ 125,85	€ 147,40	
2500	€ 72,90	€ 90,40	€ 112,25	€ 135,15	€ 161,95	

For colored models, see the following surcharge:

- + € 100,00 CLASSIC color
- + € 150,00 SPECIAL color

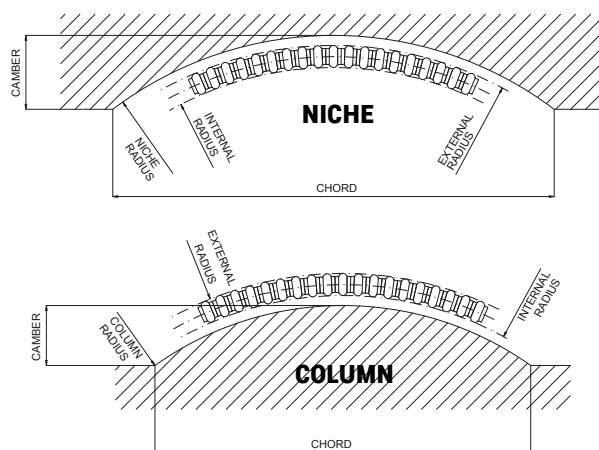


Color: S07 Grafite

ARDESIA® CURVED

Among all special executions, the Ardesia® Curved model is the ideal solution for the installation around a column or within a wall niche.

Curved batteries are realizable on demand with the following minimum internal bending: Minimum internal bending: 1000 mm for 2 and 3 columns - 1300 mm for 4, 5 and 6 columns. The development of the battery can not exceed the semi-circumference, that is the angle covered by the curve needs to be less than 180°.



HOW TO ORDER

When sending the order please specify:
• N. of columns • N. of sections • Height.
• Radius and Chord as indicated technical

drawing.
• Type of connections.
Surcharge: **Euro 14,30 per section**



Color: RAL 7030 - R22 Grigio pietra

ARDESIA® ANGLED

On demand it is possible to realize customised batteries of Ardesia® Angled.

HOW TO ORDER

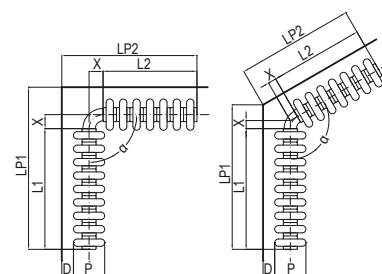
When ordering please specify:
• n° of columns,
• n° of sections side 1 and side 2
• Height
• Connections and color
• Angle type and measure

Surcharge:
for 90° angle - **Euro 163,00**
for angle > di 90° - **Euro 185,00**
End cap, reducing bushes and nipples included but not mounted.
Diverter: **Euro 10,90**

CLOSING WALL - ANGLE

N° columns	P [mm]	Distance X [mm] depending on angle α											
		α = 90°	α = 105°	α = 120°	α = 135°	α = 150°	α = 165°	α = 90°	α = 105°	α = 120°	α = 135°	α = 150°	α = 165°
2	66	48	37	28	20	13	6	48	51	58	73	105	204
3	107	48	37	28	20	13	6	48	57	70	93	140	281
4	148	93	71	54	39	25	12	93	97	108	133	188	363
5	189	93	71	54	39	25	12	93	102	120	153	223	440
6	230	118	96	79	64	50	37	93	102	120	153	223	440

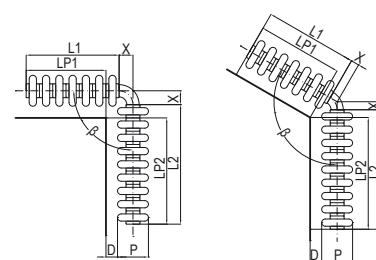
Value to add or subtract to
(number of sections x 46) so to obtain the wall
encumbrance LP with D = 20 depending on angle α



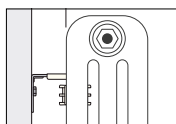
OPENING WALL - ANGLE

N° columns	P [mm]	Distance X [mm] depending on angle β											
		β = 90°	β = 105°	β = 120°	β = 135°	β = 150°	β = 165°	β = 90°	β = 105°	β = 120°	β = 135°	β = 150°	β = 165°
2	66	48	37	28	20	13	6	5	4	3	2	1	1
3	107	48	37	28	20	13	6	26	20	15	11	7	3
4	148	93	71	54	39	25	12	1	1	1	0	0	0
5	189	93	71	54	39	25	12	22	16	12	9	6	3
6	230	118	96	79	64	50	37	17	7	-1	-8	-14	-19

Value to add or subtract to
(number of sections x 46) so to obtain the wall
encumbrance LP with D = 20 depending on angle β



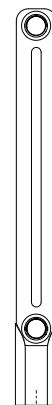
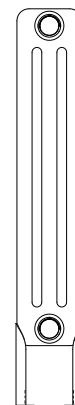
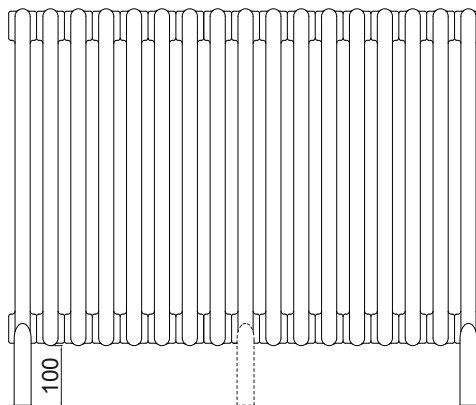
ardesia® WITH WELDED FEET (AS / AT)



On ARDESIA® with welded feet it is always necessary to install the wall stabiliser kit.

(not included in price - see page 342)

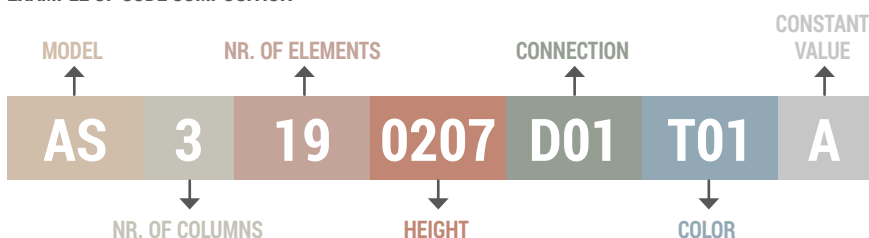
Art. nr. 5991990310307



	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT	AS Surcharge for feet HEIGHT 100 MM	AT Surcharge for feet HEIGHT 150 MM
MOUNTING OPTIONS	connected at the base			free		[mm]	€	€
from 3 to 23 sections	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100	82,00	96,00
from 24 to 30 sections	3 pairs	3 pairs	3 pairs	-	-	100	123,00	144,00
from 24 to 40 sections	-	-	-	4 pairs	4 pairs	100	164,00	192,00
from 40 to 63 sections	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100	164,00	192,00

HOW TO ORDER ARDESIA® WITH WELDED FEET HEIGHT 100 MM

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

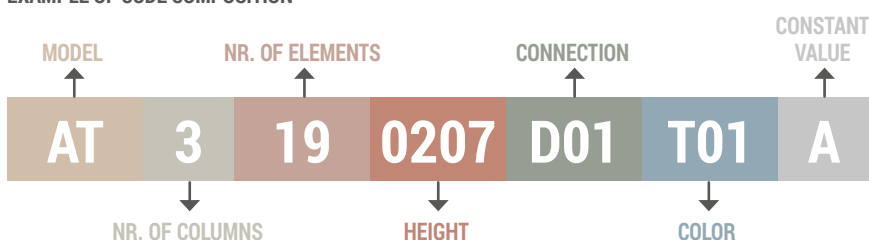
AS 3 19 0207 D01 T01 A

PRICE CALCULATION EXAMPLE

Ardesia® with welded feet height 100 mm	€	82,00
3 columns - 19 el. - H 207	€	365,75
- Connection D01	€	+ 10,90
- Color T01	€	+ 100,00
Total price	€	558,65

HOW TO ORDER ARDESIA® WITH WELDED FEET HEIGHT 150 MM

EXAMPLE OF CODE COMPOSITION



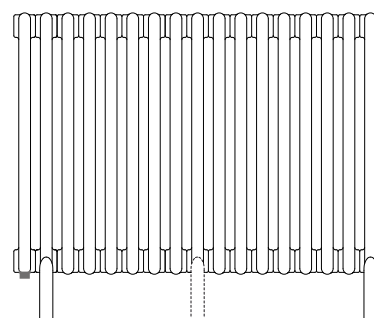
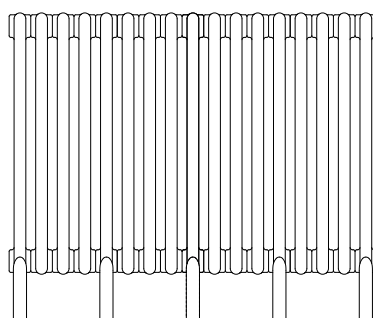
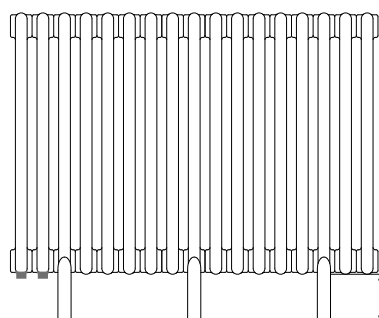
EXAMPLE OF ARTICLE CODE

AT 3 19 0207 D01 T01 A

PRICE CALCULATION EXAMPLE

Ardesia® with welded feet height 150 mm	€	96,00
3 columns - 19 el. - H 207		365,75
- Connection D01	€	+ 10,90
- Color T01	€	+ 100,00
Total price	€	572,65

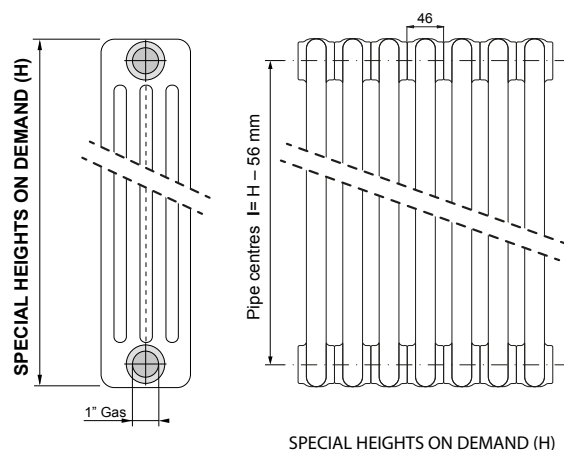
For special executions or for welded bottom connections connections, it is possible to customise batteries with a major or odd number of welded feet to facilitate installation.



SPECIAL HEIGHTS (NON STANDARD)

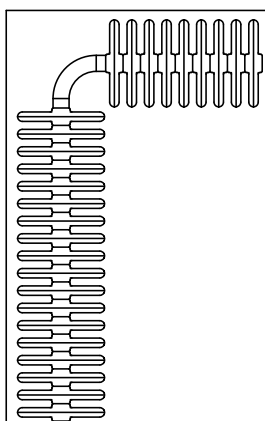
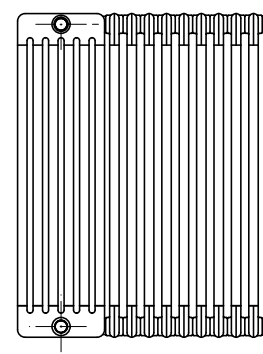
For replacing old radiators or for specific installation needs, it is possible to realize Special Heights, not indicated in pricelist, from 300 mm up to 2500 mm.

SURCHARGE FOR SPECIAL HEIGHTS ON DEMAND	
Price reference	SURCHARGE
Refer to the price of the immediate higher standard height. Requests are accepted only for models whose height or center distance is 5 mm higher than the standard sizes.	+30%

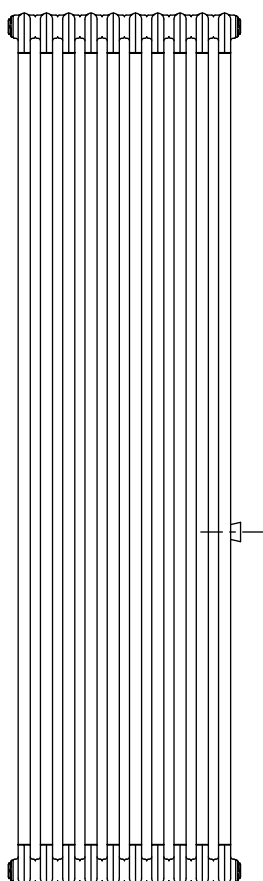


EXAMPLES OF CUSTOMISED EXECUTIONS

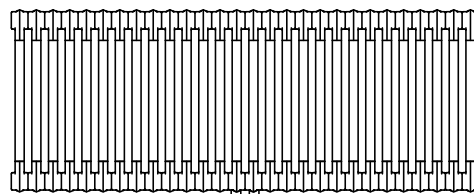
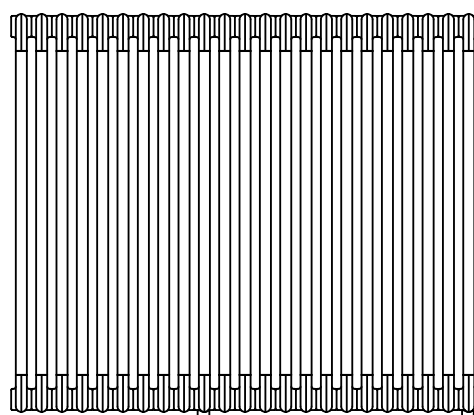
SINGLE ANGLE



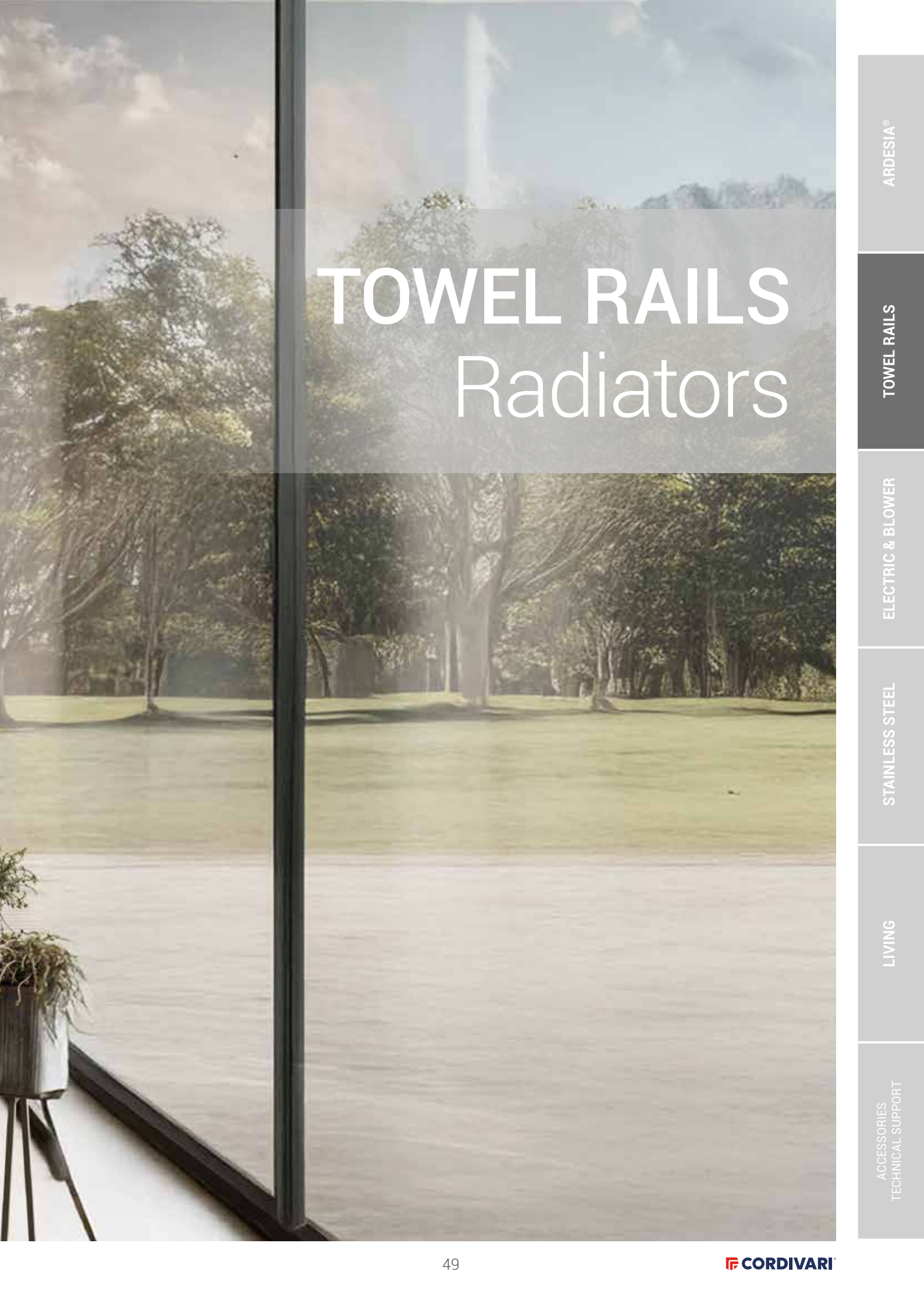
SOLUTION WITH LATERAL CONNECTION FOR 3 AND 5 COLUMN BATTERIES



CUSTOMISED WELDED SLEEVES







TOWEL RAILS Radiators

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



Color: H27 Bright red

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x40 semi-oval vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

ACCESSORIES INCLUDED:

Claudia® Elite is supplied with:

- 2 hooks
 - Kristal valve kit with Ø12/14mm copper and Ø 16mm multilayer fittings
 - Kristal TC thermostatic head and pipe cover kit
- All matching the radiator color.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

ACCESSORIES INCLUDED



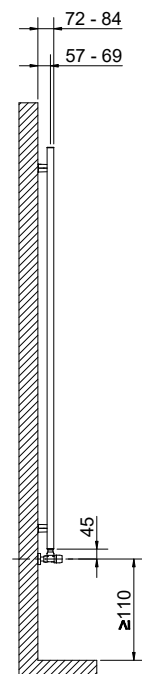
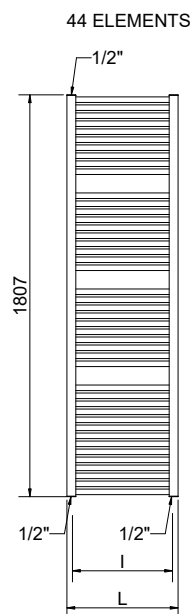
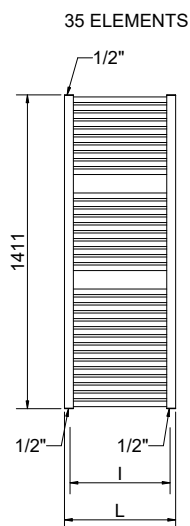
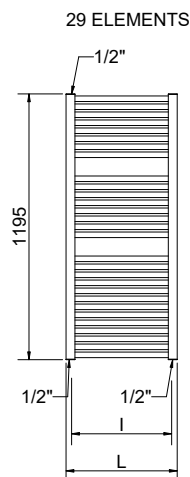
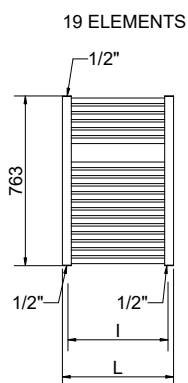
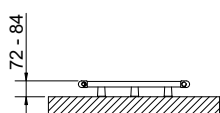
Colored valve kit, complete with fittings for copper Ø 12-14 and multilayer Ø 16 connection, TC thermostatic head and pipe cover kit



Kit 2 colored hooks



Colored fixing kit



Quotes for Kristal valves

CLAUDIA® ELITE

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
763	450	350	3551356100211	401,00	501,00	551,00	5,1	0,671	4,0	316	169	1,2241	300
	500	400	3551356100215	409,00	509,00	559,00	5,5	0,746	4,4	349	184	1,2497	300
1195	450	400	3551356100212	468,00	568,00	618,00	8,6	1,146	6,8	534	281	1,2551	500
	500	450	3551356100216	472,00	572,00	622,00	9,3	1,26	7,4	595	314	1,2488	600
	550	500	3551356100220	480,00	580,00	630,00	9,9	1,374	8,1	656	348	1,2437	600
	600	550	3551356100224	493,00	593,00	643,00	10,6	1,488	8,7	716	380	1,2395	700
1411	450	400	3551356100213	488,00	588,00	638,00	10,2	1,375	8,2	648	341	1,2583	600
	500	450	3551356100217	493,00	593,00	643,00	11,1	1,513	8,9	719	380	1,2498	700
	550	500	3551356100221	510,00	610,00	660,00	11,9	1,650	9,7	791	419	1,2429	700
1807	600	550	3551356100225	525,00	625,00	675,00	12,7	1,788	10,4	862	458	1,2371	900
	450	400	3551356100214	538,00	638,00	688,00	13	1,73	10,3	821	431	1,2631	700
	500	450	3551356100218	544,00	644,00	694,00	14	1,91	11,3	907	479	1,2513	900
	550	500	3551356100222	583,00	683,00	733,00	15,1	2,083	12,2	992	526	1,2417	1000
	600	550	3551356100226	595,00	695,00	745,00	16,1	2,25	13,2	1077	574	1,2336	1000

The codes shown in the table refer to the R01 White color models.

Claudia® Elite radiator includes a pair of hooks in the same color of the radiator and colored Kristal valves kit, complete with fittings for copper and multilayer.

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

To order **Claudia® Elite** you just need to choose size and color



Color: RAL 8017 - R09 Dark brown

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x40 semi-oval vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- | | |
|--|---|
| ☒ Hot water | ☒ Blower (see page 140) |
| ☒ Electric (see page 112) | ☒ Blower dual energy (see page 142) |
| ☒ Dual energy (see page 350) | |



NF range ☒:
Hot water radiators,
convectors, and radiant
panels- NF 047

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

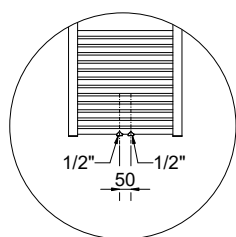


Towel bar in painted mild
steel

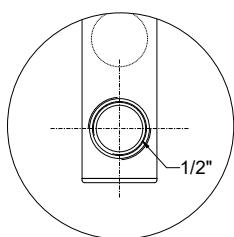


Kit 2 colored hooks

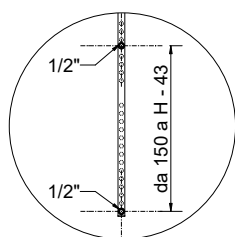
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



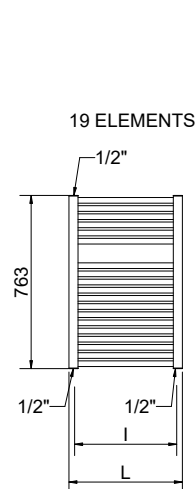
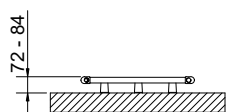
Detail of the 50 mm pipe-centres version.



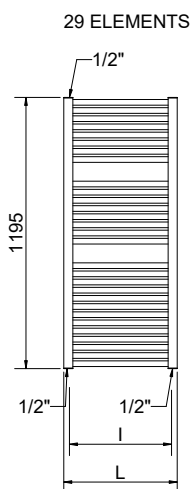
Detail of lateral 1/2" connection (see further pages)



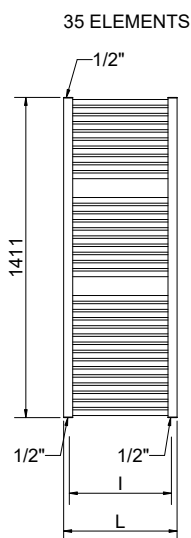
Detail of 2 lateral connections connection (see further pages)



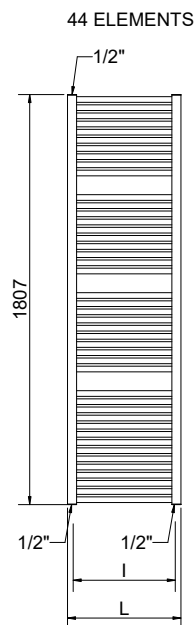
19 ELEMENTS



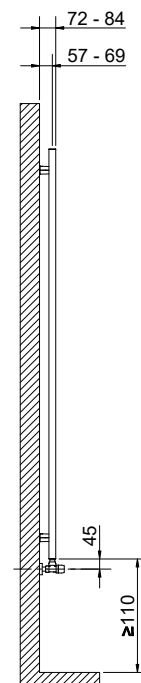
29 ELEMENTS



35 ELEMENTS



44 ELEMENTS



Quotes for Kristal valves

CLAUDIA®

Height	Width	Cert.	Pipe Centres	Art. nr.	Price [€]		
					R01	CLASSIC	SPECIAL
[mm]	L [mm]	NF	I [mm]	R01 White	White	Color	Color
763	400		350	3551356100025	202,00	302,00	352,00
	450	✓	400	3551356100001	207,00	307,00	357,00
	500	✓	450	3551356100004	214,00	314,00	364,00
	550	✓	500	3551356100008	220,00	320,00	370,00
	600	✓	550	3551356100011	228,00	328,00	378,00
	750	✓	700	3551356100015	266,00	366,00	416,00
1195	1000	✓	950	3551356100019	298,00	398,00	448,00
	400		350	3551356100026	273,00	373,00	423,00
	450	✓	400	3551356100002	283,00	383,00	433,00
	500	✓	450	3551356100005	290,00	390,00	440,00
	550	✓	500	3551356100009	300,00	400,00	450,00
	600	✓	550	3551356100012	311,00	411,00	461,00
1411	750	✓	700	3551356100016	345,00	445,00	495,00
	1000	✓	950	3551356100020	403,00	503,00	553,00
	400		350	3551356100027	300,00	400,00	450,00
	450	✓	400	3551356100023	307,00	407,00	457,00
	500	✓	450	3551356100006	313,00	413,00	463,00
	550	✓	500	3551356100024	330,00	430,00	480,00
1807	600	✓	550	3551356100013	350,00	450,00	500,00
	750	✓	700	3551356100017	394,00	494,00	544,00
	1000	✓	950	3551356100021	461,00	561,00	611,00
	400		350	3551356100028	344,00	444,00	494,00
	450	✓	400	3551356100003	363,00	463,00	513,00
	500	✓	450	3551356100007	370,00	470,00	520,00

PIPE CENTRES 50 mm

Art. nr.	Price [€]		
	R01	CLASSIC	SPECIAL
R01 White	White	Color	Color
3551356101025	222,00	322,00	372,00
3551356101001	227,00	327,00	377,00
3551356101004	234,00	334,00	384,00
3551356101008	240,00	340,00	390,00
3551356101011	248,00	348,00	398,00
3551356101015	286,00	386,00	436,00
3551356101019	318,00	418,00	468,00
3551356101026	293,00	393,00	443,00
3551356101002	303,00	403,00	453,00
3551356101005	310,00	410,00	460,00
3551356101009	320,00	420,00	470,00
3551356101012	331,00	431,00	481,00
3551356101016	365,00	465,00	515,00
3551356101020	423,00	523,00	573,00
3551356101027	320,00	420,00	470,00
3551356101023	327,00	427,00	477,00
3551356101006	333,00	433,00	483,00
3551356101024	350,00	450,00	500,00
3551356101013	370,00	470,00	520,00
3551356101017	414,00	514,00	564,00
3551356101021	481,00	581,00	631,00
3551356101028	364,00	464,00	514,00
3551356101003	383,00	483,00	533,00
3551356101007	390,00	490,00	540,00
3551356101010	412,00	512,00	562,00
3551356101014	438,00	538,00	588,00
3551356101018	470,00	570,00	620,00
3551356101022	559,00	659,00	709,00

Thermal output

Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
5,1	0,671	4,0	316	169	1,2241	300
5,5	0,746	4,4	349	184	1,2497	300
6,0	0,821	4,8	389	206	1,2472	400
6,5	0,895	5,2	430	228	1,2451	400
6,9	0,970	5,7	470	249	1,2434	400
8,3	1,194	6,9	591	314	1,2397	600
10,5	1,567	8,9	792	421	1,2361	700
7,9	1,032	6,2	478	253	1,2463	500
8,6	1,146	6,8	534	281	1,2551	500
9,3	1,260	7,4	595	314	1,2488	600
9,9	1,374	8,1	656	348	1,2437	600
10,6	1,488	8,7	716	380	1,2395	700
12,7	1,830	10,6	899	480	1,2301	900
16,2	2,399	16,7	1202	644	1,2207	1200
9,4	1,238	7,4	583	306	1,2596	600
10,2	1,375	8,2	648	341	1,2583	600
11,1	1,513	8,9	719	380	1,2498	700
11,9	1,650	9,7	791	419	1,2429	700
12,7	1,788	10,4	862	458	1,2371	900
15,3	2,200	12,7	1077	576	1,2244	1000
19,4	2,880	16,4	1434	772	1,2115	1200
11,9	1,650	9,3	753	392	1,2796	700
13,0	1,730	10,3	821	431	1,2631	700
14,0	1,910	11,3	907	479	1,2513	900
15,1	2,083	12,2	992	526	1,2417	1000
16,1	2,250	13,2	1077	574	1,2336	1000
19,3	2,774	16,0	1333	716	1,2157	1200
24,5	3,638	20,7	1760	955	1,1978	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ



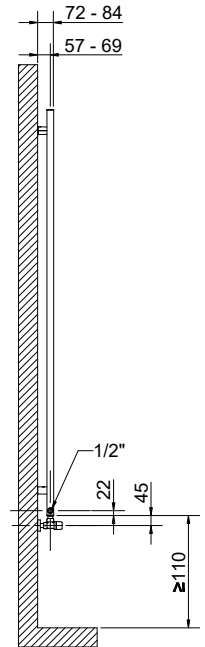
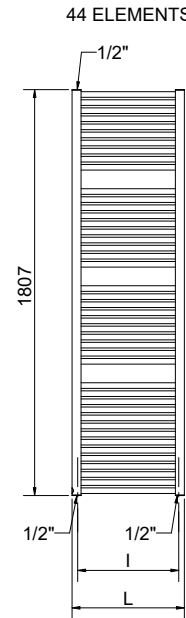
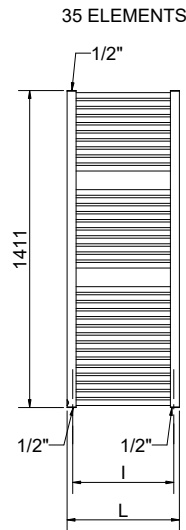
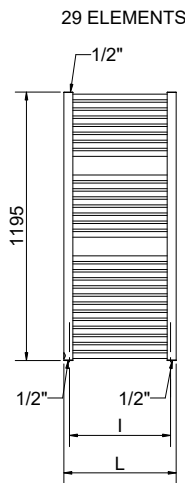
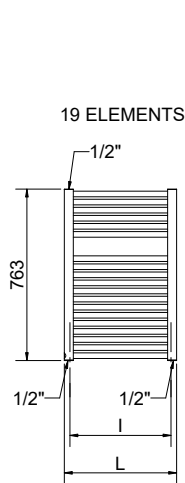
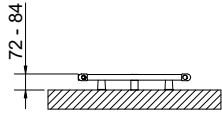
CLAUDIA® AL

WITH 1 LATERAL SLEEVE

WARRANTY 5 YEARS



Claudia® AL with a 1/2" connection on the collector, in correspondence of the first heating element.



Quotes for Kristal valves

CLAUDIA® AL (LATERAL CONNECTION)

Height	Width	Pipe Centres	Art. nr.	Price [€]			Thermal output						
							Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exponent	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
763	400	350	3551356100725	234,00	334,00	384,00	5,1	0,671	4,0	316	169	1,2241	300
	450	400	3551356100701	239,00	339,00	389,00	5,5	0,746	4,4	349	184	1,2497	300
	500	450	3551356100704	245,00	345,00	395,00	6,0	0,821	4,8	389	206	1,2472	400
	550	500	3551356100708	251,00	351,00	401,00	6,5	0,895	5,2	430	228	1,2451	400
	600	550	3551356100711	260,00	360,00	410,00	6,9	0,970	5,7	470	249	1,2434	400
	750	700	3551356100715	301,00	401,00	451,00	8,3	1,194	6,9	591	314	1,2397	600
	1000	950	3551356100719	329,00	429,00	479,00	10,5	1,567	8,9	792	421	1,2361	700
1195	400	350	3551356100726	304,00	404,00	454,00	7,9	1,032	6,2	478	253	1,2463	500
	450	400	3551356100702	313,00	413,00	463,00	8,6	1,146	6,8	534	281	1,2551	500
	500	450	3551356100705	320,00	420,00	470,00	9,3	1,260	7,4	595	314	1,2488	600
	550	500	3551356100709	330,00	430,00	480,00	9,9	1,374	8,1	656	348	1,2437	600
	600	550	3551356100712	342,00	442,00	492,00	10,6	1,488	8,7	716	380	1,2395	700
	750	700	3551356100716	375,00	475,00	525,00	12,7	1,830	10,6	899	480	1,2301	900
	1000	950	3551356100720	434,00	534,00	584,00	16,2	2,399	16,7	1202	644	1,2207	1200
1411	400	350	3551356100727	330,00	430,00	480,00	9,4	1,238	7,4	583	306	1,2596	600
	450	400	3551356100723	338,00	438,00	488,00	10,2	1,375	8,2	648	341	1,2583	600
	500	450	3551356100706	344,00	444,00	494,00	11,1	1,513	8,9	719	380	1,2498	700
	550	500	3551356100724	361,00	461,00	511,00	11,9	1,650	9,7	791	419	1,2429	700
	600	550	3551356100713	380,00	480,00	530,00	12,7	1,788	10,4	862	458	1,2371	900
	750	700	3551356100717	424,00	524,00	574,00	15,3	2,200	12,7	1077	576	1,2244	1000
	1000	950	3551356100721	491,00	591,00	641,00	19,4	2,880	16,4	1434	772	1,2115	1200
1807	400	350	3551356100728	374,00	474,00	524,00	11,9	1,650	9,3	753	392	1,2796	700
	450	400	3551356100703	394,00	494,00	544,00	13,0	1,730	10,3	821	431	1,2631	700
	500	450	3551356100707	401,00	501,00	551,00	14,0	1,910	11,3	907	479	1,2513	900
	550	500	3551356100710	422,00	522,00	572,00	15,1	2,083	12,2	992	526	1,2417	1000
	600	550	3551356100714	449,00	549,00	599,00	16,1	2,250	13,2	1077	574	1,2336	1000
	750	700	3551356100718	480,00	580,00	630,00	19,3	2,774	16,0	1333	716	1,2157	1200
	1000	950	3551356100722	569,00	669,00	719,00	24,5	3,638	20,7	1760	955	1,1978	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ



CLAUDIA[®]

WITH 2 LATERAL SLEEVES



WARRANTY 5 YEARS



ARDESIA[®]

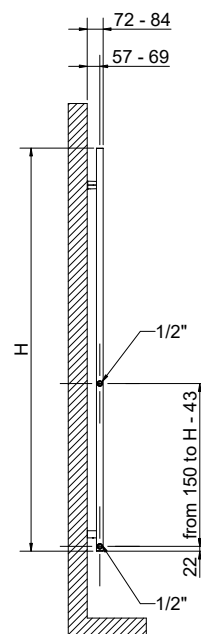
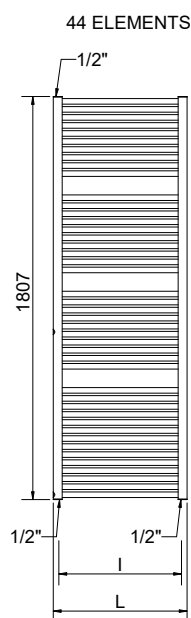
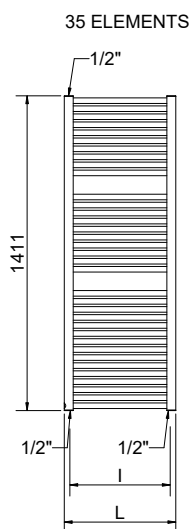
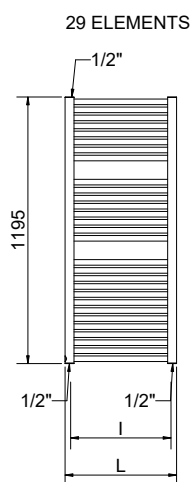
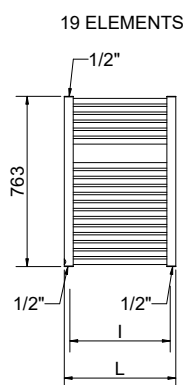
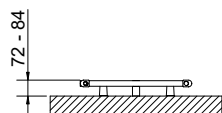
TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



Quotes for Kristal valves

LATERAL CONNECTION (2 SLEEVES 1/2")

The first connection of 1/2" is aligned with first heating element (22 mm from the base of the vertical collector).

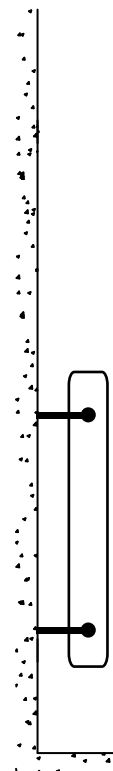
The second connection of 1/2" can be placed at the desired distance. The distance has to be specified when sending purchase order.

Available pipes centres: from 150 mm to 43 mm of height.

Surcharge € **55,00** (pricelist refers to standard white R01), at page 53.

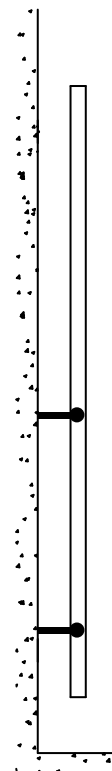
Please contact our sales department for customized models.

BEFORE



Old
radiator

AFTER



New CORDIVARI
towel rail radiator



CLAUDIA[®] SQUARE

 **WARRANTY 5 YEARS**



MATERIAL:

- 40x40 mm frame collector in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS:

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

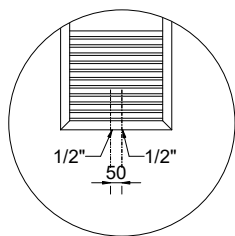


Towel bar in painted mild
steel

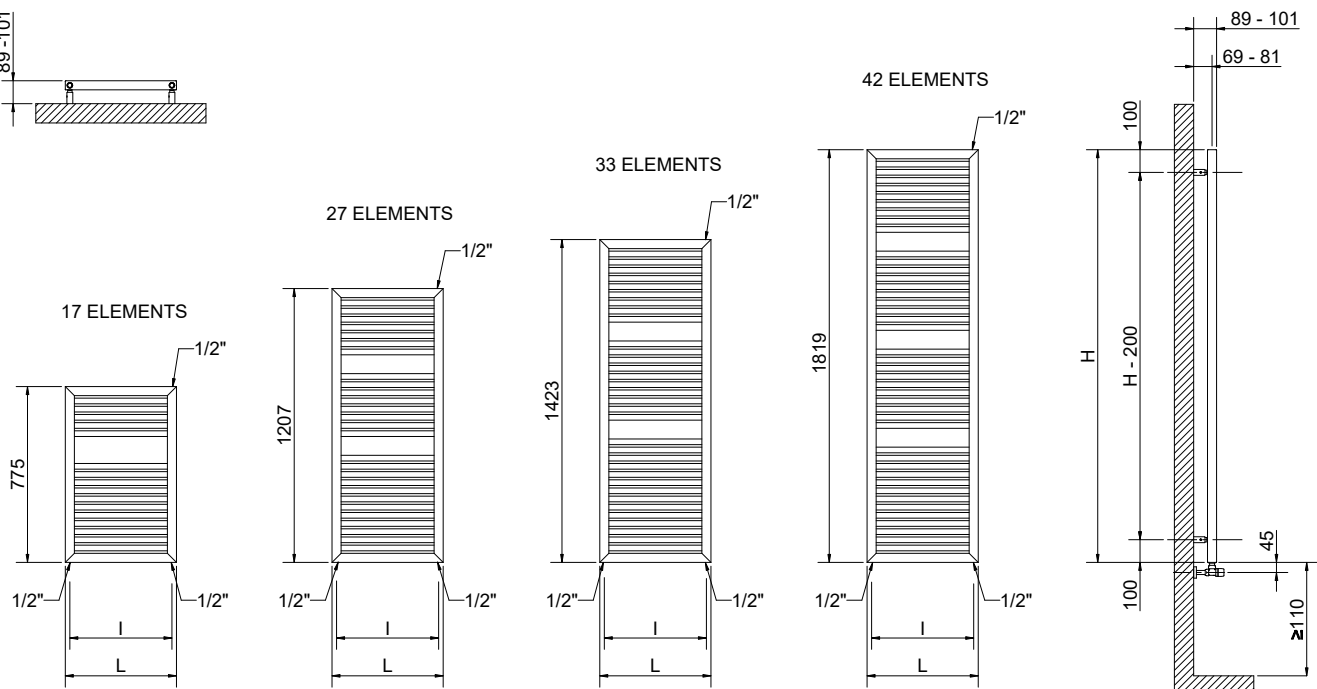
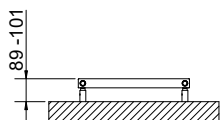


Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

CLAUDIA® SQUARE

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
				R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
[mm]	L [mm]	I [mm]	R01 White	R01 White	Color	Color	R01 White	R01 White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
775	490	450	3551356100301	320,00	420,00	470,00	3551356100309	404,00	504,00	554,00	7,3	0,860	4,7	431	232	1,2076	400
	540	500	3551356100305	329,00	429,00	479,00	3551356100313	413,00	513,00	563,00	7,9	0,938	5,1	471	255	1,2051	400
1207	490	450	3551356100302	402,00	502,00	552,00	3551356100310	486,00	586,00	636,00	11,0	1,334	7,2	673	360	1,2235	600
	540	500	3551356100306	413,00	513,00	563,00	3551356100314	497,00	597,00	647,00	11,8	1,453	7,9	738	395	1,2212	700
1423	490	450	3551356100303	443,00	543,00	593,00	3551356100311	527,00	627,00	677,00	12,9	1,586	8,6	801	426	1,2349	700
	540	500	3551356100307	472,00	572,00	622,00	3551356100315	556,00	656,00	706,00	13,8	1,729	9,4	876	467	1,2297	700
1819	490	450	3551356100304	514,00	614,00	664,00	3551356100312	598,00	698,00	748,00	16,0	1,988	9,2	990	525	1,2414	900
	540	500	3551356100308	540,00	640,00	690,00	3551356100316	624,00	724,00	774,00	17,2	2,163	10,0	1081	575	1,2365	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

CLAUDIA® WIDE

 WARRANTY 5 YEARS



Color: S02 Manhattan

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x40 semi-oval vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

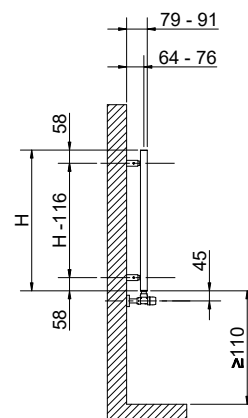
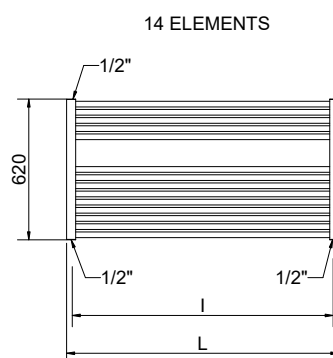
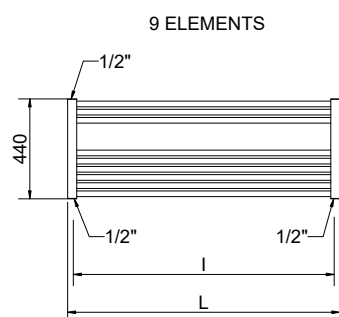
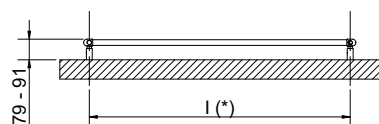


Thermostatic head Kristal TC fully colored



Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

CLAUDIA® WIDE

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
										Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
440	1200	1150	3551356100101	346,00	446,00	496,00	6,1	0,903	5,1	471	261	1,155	400
	1400	1350	3551356100103	360,00	460,00	510,00	6,9	1,045	5,9	558	311	1,145	400
620	1200	1150	3551356100102	396,00	496,00	546,00	9,3	1,389	7,9	712	390	1,176	700
	1400	1350	3551356100104	418,00	518,00	568,00	10,6	1,609	9,1	837	457	1,183	700

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$



Color: RAL 1021 - R05 Yellow rape

FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x40 semi-oval vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

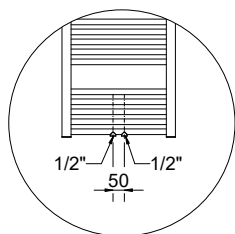


Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

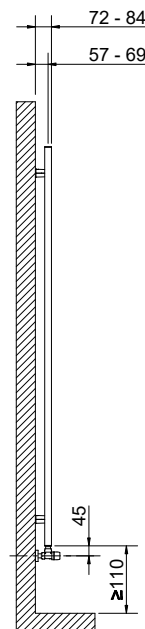
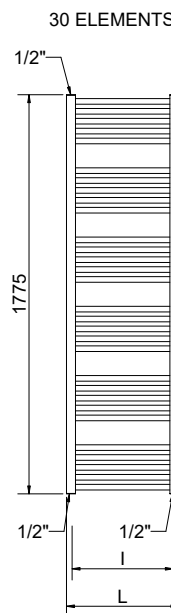
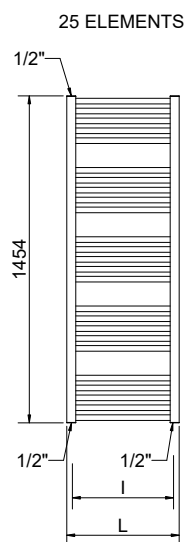
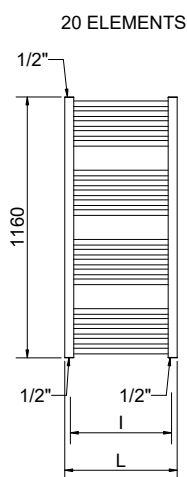
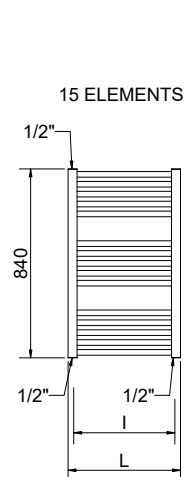
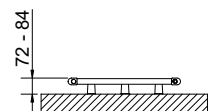


Thermostatic head
Kristal TC
fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



Quotes for Kristal valves

ANNA

Height	Width	Pipe Centres	Art. nr.	Price [€]			PIPE CENTRES 50 mm				Thermal output						
											Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
840	400	350	3551686100001	138,00	238,00	288,00	3551686100017	157,00	257,00	307,00	4,7	0,588	3,6	325	175	1,2074	300
	450	400	3551686100005	142,00	242,00	292,00	3551686100021	161,00	261,00	311,00	5,1	0,647	3,9	358	193	1,2050	300
	500	450	3551686100009	145,00	245,00	295,00	3551686100025	164,00	264,00	314,00	5,4	0,706	4,2	392	212	1,2027	400
	550	500	3551686100041	151,00	251,00	301,00	3551686100033	170,00	270,00	320,00	5,8	0,740	4,6	426	231	1,2003	400
	600	550	3551686100013	156,00	256,00	306,00	3551686100029	175,00	275,00	325,00	6,1	0,823	4,9	458	248	1,1979	400
	750	700	3551686100045	176,00	276,00	326,00	3551686100037	195,00	295,00	345,00	7,2	0,940	5,9	573	312	1,1908	600
1160	400	350	3551686100002	185,00	285,00	335,00	3551686100018	205,00	305,00	355,00	6,4	0,797	4,9	429	230	1,2169	400
	450	400	3551686100006	188,00	288,00	338,00	3551686100022	208,00	308,00	358,00	6,9	0,876	5,3	472	254	1,2155	500
	500	450	3551686100010	194,00	294,00	344,00	3551686100026	215,00	315,00	365,00	7,3	0,954	5,7	515	277	1,2142	500
	550	500	3551686100042	211,00	311,00	361,00	3551686100034	232,00	332,00	382,00	7,8	1,000	6,2	557	300	1,2128	500
	600	550	3551686100014	213,00	313,00	363,00	3551686100030	234,00	334,00	384,00	8,3	1,111	6,6	600	323	1,2115	600
	750	700	3551686100046	249,00	349,00	399,00	3551686100038	270,00	370,00	420,00	9,7	1,300	7,9	728	393	1,2074	700
1454	400	350	3551686100003	204,00	304,00	354,00	3551686100019	224,00	324,00	374,00	8,0	0,998	6,1	534	287	1,2170	500
	450	400	3551686100007	209,00	309,00	359,00	3551686100023	229,00	329,00	379,00	8,6	1,096	6,7	586	315	1,2151	600
	500	450	3551686100011	216,00	316,00	366,00	3551686100027	236,00	336,00	386,00	9,2	1,194	7,2	639	344	1,2133	600
	550	500	3551686100043	241,00	341,00	391,00	3551686100035	261,00	361,00	411,00	9,7	1,250	7,7	692	373	1,2115	700
	600	550	3551686100015	243,00	343,00	393,00	3551686100031	263,00	363,00	413,00	10,4	1,390	8,3	744	401	1,2097	700
	750	700	3551686100047	280,00	380,00	430,00	3551686100039	300,00	400,00	450,00	12,1	1,630	9,9	902	488	1,2043	900
1775	400	350	3551686100004	231,00	331,00	381,00	3551686100020	251,00	351,00	401,00	9,7	1,205	7,4	660	354	1,2170	600
	450	400	3551686100008	239,00	339,00	389,00	3551686100024	259,00	359,00	409,00	10,4	1,323	8,1	725	390	1,2147	700
	500	450	3551686100012	248,00	348,00	398,00	3551686100028	268,00	368,00	418,00	11,1	1,440	8,7	789	425	1,2124	700
	550	500	3551686100044	263,00	363,00	413,00	3551686100036	283,00	383,00	433,00	11,7	1,500	9,3	855	461	1,2101	900
	600	550	3551686100016	275,00	375,00	425,00	3551686100032	295,00	395,00	445,00	12,4	1,620	10,0	919	496	1,2078	900
	750	700	3551686100048	320,00	420,00	470,00	3551686100040	340,00	440,00	490,00	14,5	1,960	11,9	1114	603	1,2009	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ

NAIKE SQUARE

WARRANTY 5 YEARS



Color: RAL 9016 - R02 Traffic white

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x30 mm frame collector in painted mild steel.
- 15x20 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

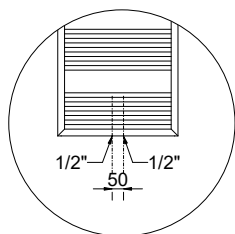


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

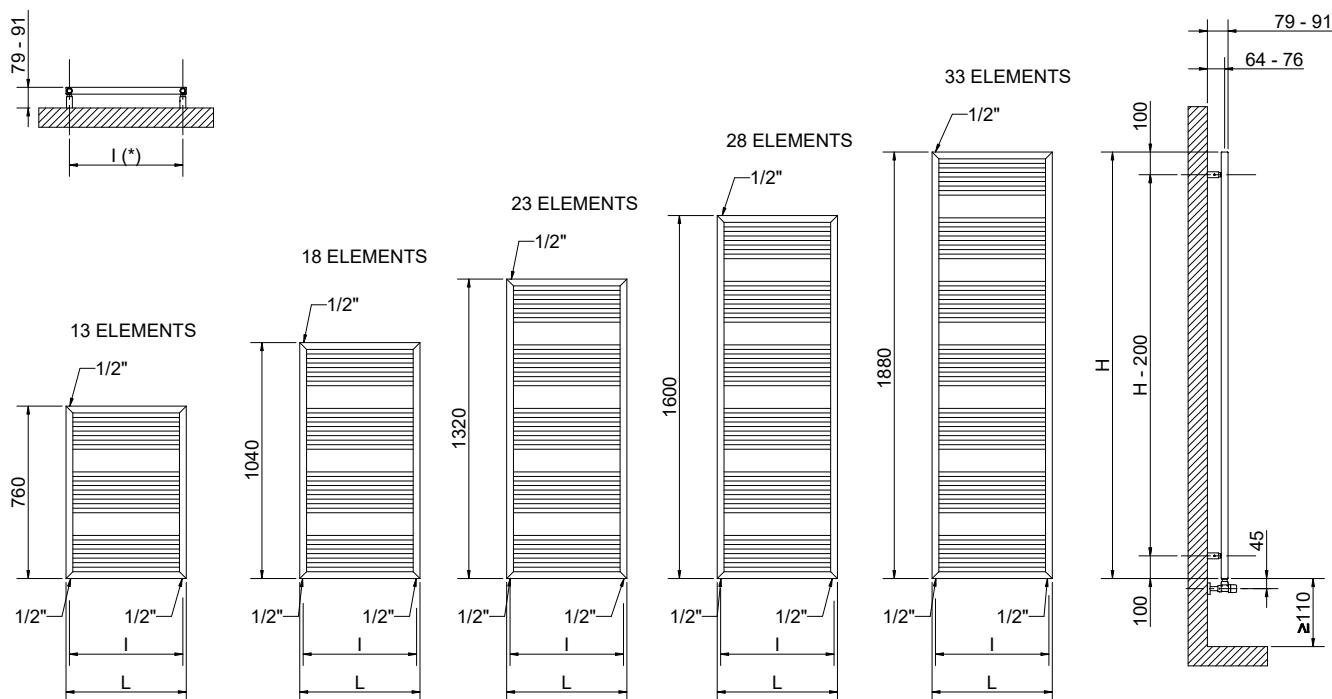


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

NAIKE SQUARE

				Price [€]			PIPE CENTRES 50 mm				Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Water Surface	content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
760	480	450	3551826102021	375,00	475,00	525,00	3551826102029	444,00	544,00	594,00	7,00	0,60	2,90	350	191	1,1867	300
	530	500	3551826102025	386,00	486,00	536,00	3551826102033	454,00	554,00	604,00	7,60	0,65	3,10	381	208	1,1886	300
	580	550	3551826102005	409,00	509,00	559,00	3551826102015	477,00	577,00	627,00	8,20	0,70	3,40	412	224	1,1904	400
1040	480	450	3551826102022	441,00	541,00	591,00	3551826102030	510,00	610,00	660,00	9,20	0,80	00,00	459	246	1,2193	400
	530	500	3551826102026	450,00	550,00	600,00	3551826102034	518,00	618,00	668,00	10,00	0,85	4,00	499	268	1,2142	500
	580	550	3551826102006	467,00	567,00	617,00	3551826102016	535,00	635,00	685,00	10,80	0,92	4,30	538	290	1,2092	500
1320	480	450	3551826102002	508,00	608,00	658,00	3551826102012	576,00	676,00	726,00	11,40	0,97	4,60	568	303	1,2307	500
	530	500	3551826102004	519,00	619,00	669,00	3551826102014	587,00	687,00	737,00	12,40	1,05	4,90	617	330	1,2242	600
	580	550	3551826102008	562,00	662,00	712,00	3551826102018	630,00	730,00	780,00	13,30	1,14	5,20	667	358	1,2177	600
1600	480	450	3551826102023	596,00	696,00	746,00	3551826102031	664,00	764,00	814,00	13,70	1,16	5,50	679	364	1,2221	600
	530	500	3551826102027	613,00	713,00	763,00	3551826102035	681,00	781,00	831,00	14,80	1,26	5,80	739	397	1,2156	700
	580	550	3551826102009	670,00	770,00	820,00	3551826102019	739,00	839,00	889,00	15,90	1,36	6,20	799	431	1,2092	700
1880	480	450	3551826102024	633,00	733,00	783,00	3551826102032	701,00	801,00	851,00	15,90	1,35	6,30	793	427	1,2135	700
	530	500	3551826102028	658,00	758,00	808,00	3551826102036	726,00	826,00	876,00	17,20	1,46	6,70	864	467	1,2071	700
	580	550	3551826102010	711,00	811,00	861,00	3551826102020	780,00	880,00	930,00	18,50	1,57	7,10	936	507	1,2007	900

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

NAIKE ST

WARRANTY 5 YEARS



NEW



Color: T24 Nabuk

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- 30x30 mm collectors in painted mild steel.
- 15x20 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 114)
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

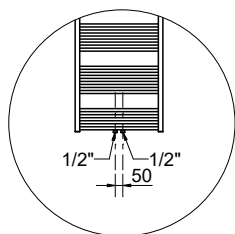


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

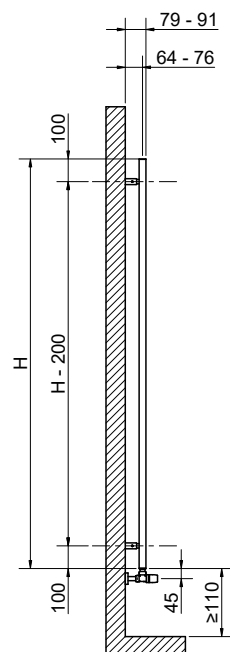
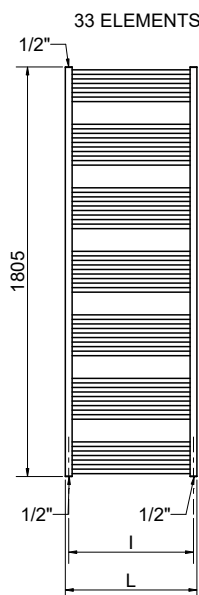
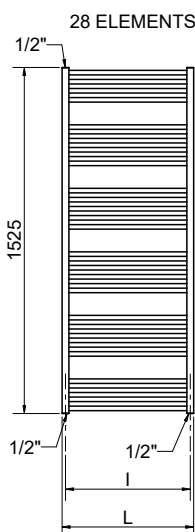
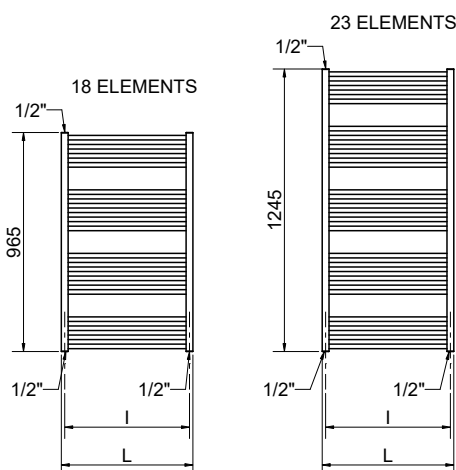
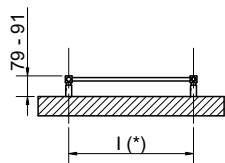


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

NAIKE ST

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
				R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
965	430	400	3551826102116	269,00	369,00	419,00	3551826102136	319,00	419,00	469,00	8,2	0,76	3,8	376	200	1,2372	300
	480	450	3551826102117	278,00	378,00	428,00	3551826102137	328,00	428,00	478,00	8,8	0,81	4,1	409	218	1,234	400
	530	500	3551826102118	284,00	384,00	434,00	3551826102138	334,00	434,00	484,00	9,4	0,87	4,4	443	236	1,2313	400
	580	550	3551826102119	290,00	390,00	440,00	3551826102139	340,00	440,00	490,00	10	0,92	4,7	477	254	1,229	400
	630	600	3551826102120	298,00	398,00	448,00	3551826102140	348,00	448,00	498,00	10,6	0,98	5	510	273	1,2285	500
1245	430	400	3551826102121	403,00	503,00	553,00	3551826102141	453,00	553,00	603,00	10,3	0,87	4,2	477	253	1,2414	400
	480	450	3551826102122	414,00	514,00	564,00	3551826102142	464,00	564,00	614,00	11,1	0,94	4,5	520	276	1,2392	500
	530	500	3551826102123	421,00	521,00	571,00	3551826102143	471,00	571,00	621,00	11,9	1,01	4,8	563	299	1,2373	500
	580	550	3551826102124	429,00	529,00	579,00	3551826102144	479,00	579,00	629,00	12,6	1,09	5,1	606	322	1,2357	600
	630	600	3551826102125	440,00	540,00	590,00	3551826102145	490,00	590,00	640,00	13,3	1,16	5,4	649	345	1,2354	600
1525	430	400	3551826102126	540,00	640,00	690,00	3551826102146	590,00	690,00	740,00	12,7	0,99	4,6	579	307	1,2456	500
	480	450	3551826102127	553,00	653,00	703,00	3551826102147	603,00	703,00	753,00	13,7	1,08	4,9	632	335	1,2444	600
	530	500	3551826102128	562,00	662,00	712,00	3551826102148	612,00	712,00	762,00	14,6	1,16	5,2	685	363	1,2433	600
	580	550	3551826102129	570,00	670,00	720,00	3551826102149	620,00	720,00	770,00	15,6	1,25	5,5	738	391	1,2424	700
	630	600	3551826102130	590,00	690,00	740,00	3551826102150	640,00	740,00	790,00	16,4	1,33	5,8	790	419	1,2408	700
1805	430	400	3551826102131	584,00	684,00	734,00	3551826102151	634,00	734,00	784,00	14,8	1,11	5	684	361	1,2498	600
	480	450	3551826102132	599,00	699,00	749,00	3551826102152	649,00	749,00	799,00	15,9	1,21	5,3	747	395	1,2496	700
	530	500	3551826102133	624,00	724,00	774,00	3551826102153	674,00	774,00	824,00	17	1,31	5,6	810	428	1,2493	700
	580	550	3551826102134	667,00	767,00	817,00	3551826102154	717,00	817,00	867,00	18,1	1,46	5,9	874	462	1,2492	700
	630	600	3551826102135	699,00	799,00	849,00	3551826102155	749,00	849,00	899,00	19,1	1,51	6,2	937	495	1,2488	900

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

LUCY 18

WARRANTY 5 YEARS



Color: RAL 7030 - R22 Grigio pietra

FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 116)
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

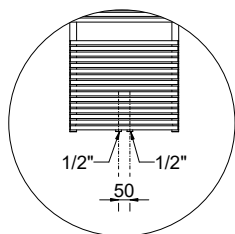


Kit 2 colored hooks

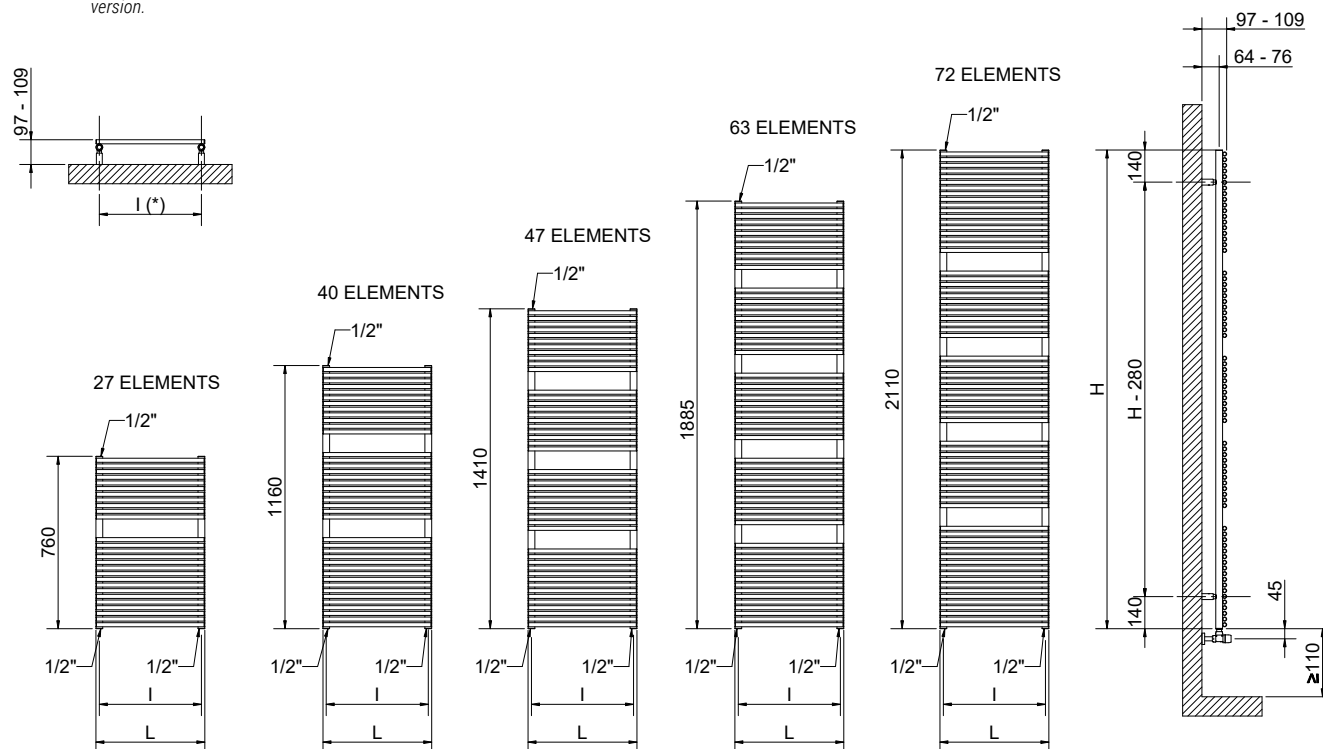


Towel bar in painted mild steel

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LUCY 18

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
				R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
[mm]	L [mm]	I [mm]	R01 White	White	Color	Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
760	430	400	3551406100300	291,00	391,00	441,00	3551406100320	391,00	491,00	541,00	6,7	0,75	2,9	436	238	1,1839	400
	480	450	3551406100304	302,00	402,00	452,00	3551406100324	402,00	502,00	552,00	8,0	0,88	3,3	489	268	1,1780	500
1160	430	400	3551406100301	362,00	462,00	512,00	3551406100321	462,00	562,00	612,00	11,0	1,19	4,6	631	341	1,2071	600
	480	450	3551406100305	372,00	472,00	522,00	3551406100325	472,00	572,00	622,00	12,0	1,30	4,9	705	383	1,1960	700
	530	500	3551406100308	386,00	486,00	536,00	3551406100328	486,00	586,00	636,00	13,0	1,42	5,3	779	425	1,1852	700
1410	580	550	3551406100312	398,00	498,00	548,00	3551406100332	498,00	598,00	648,00	13,9	1,53	5,7	852	468	1,1743	700
	430	400	3551406100302	420,00	520,00	570,00	3551406100322	520,00	620,00	670,00	13,0	1,40	5,4	753	407	1,2065	700
	480	450	3551406100306	416,00	516,00	566,00	3551406100326	516,00	616,00	666,00	14,2	1,54	5,9	838	455	1,1971	700
1885	530	500	3551406100309	433,00	533,00	583,00	3551406100329	533,00	633,00	683,00	15,3	1,67	6,4	923	503	1,1876	900
	580	550	3551406100313	446,00	546,00	596,00	3551406100333	546,00	646,00	696,00	16,5	1,81	6,2	1008	552	1,1782	1000
	430	400	3551406100303	518,00	618,00	668,00	3551406100323	618,00	718,00	768,00	17,5	1,87	7,3	986	533	1,2054	1000
2110	480	450	3551406100307	522,00	622,00	672,00	3551406100327	622,00	722,00	772,00	19,1	2,07	7,9	1090	591	1,1988	1000
	530	500	3551406100310	540,00	640,00	690,00	3551406100330	640,00	740,00	790,00	20,5	2,24	8,5	1194	649	1,1922	1200
	580	550	3551406100314	555,00	655,00	705,00	3551406100334	655,00	755,00	805,00	22,2	2,44	9,1	1298	708	1,1856	1200
2110	530	500	3551406100311	614,00	714,00	764,00	3551406100331	714,00	814,00	864,00	23,4	2,56	9,7	1322	722	1,1853	1200
	580	550	3551406100315	630,00	730,00	780,00	3551406100335	730,00	830,00	880,00	25,2	2,76	10,3	1438	788	1,1779	1200
	730	700	3551406100316	674,00	774,00	824,00	3551406100336	774,00	874,00	924,00	30,7	3,38	12,5	1768	980	1,1558	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

LUCY 18 PLUS

 **WARRANTY 5 YEARS**



Color: F32 Grey sky

FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

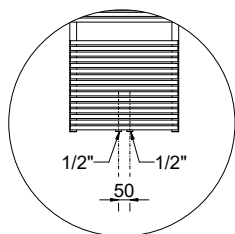


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

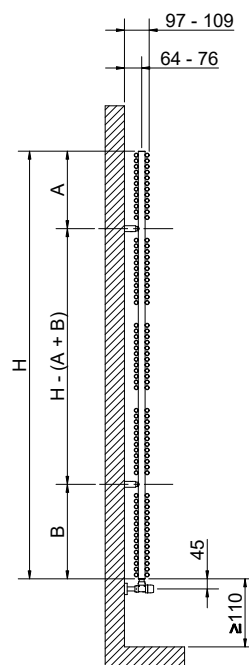
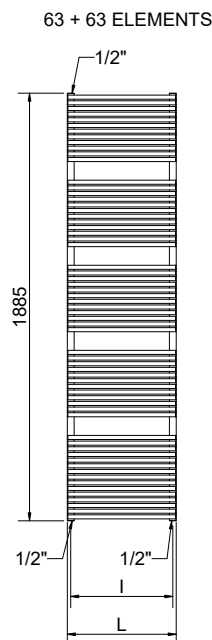
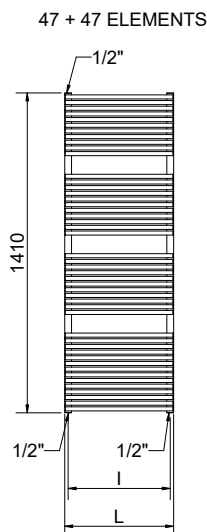
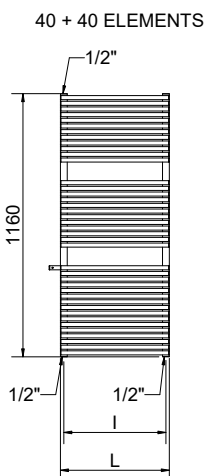
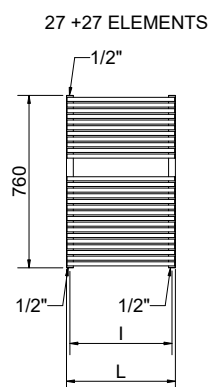
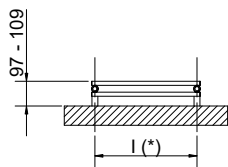


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LUCY 18 PLUS

						Price [€]						Thermal output							
Height	Width	Pipe Centres	A	B	Art. nr.				Art. nr.				Dry Weight	Water Surface content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit	
						R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
760	430	400	316	67	3551406101300	484,00	584,00	634,00	3551406101314	584,00	684,00	734,00	12,7	1,4	5,1	565	298	1,2541	500
	480	450			3551406101304	502,00	602,00	652,00	3551406101318	602,00	702,00	752,00	14,0	1,6	5,6	711	377	1,2431	700
1160	430	400	341	441	3551406101301	639,00	739,00	789,00	3551406101315	739,00	839,00	889,00	19,5	1,2	7,9	821	432	1,2564	700
	480	450			3551406101305	662,00	762,00	812,00	3551406101319	762,00	862,00	912,00	21,5	2,3	8,7	1018	538	1,2495	1000
	530	500			3551406101308	680,00	780,00	830,00	3551406101322	780,00	880,00	930,00	23,5	2,6	9,4	1215	643	1,2449	1200
	580	550			3551406101311	695,00	795,00	845,00	3551406101325	795,00	895,00	945,00	25,3	2,8	10,2	1609	854	1,2391	1200
1410	430	400	316	391	3551406101302	730,00	830,00	880,00	3551406101316	830,00	930,00	980,00	23,0	2,5	9,4	957	503	1,2576	900
	480	450			3551406101306	753,00	853,00	903,00	3551406101320	853,00	953,00	1.003,00	25,4	2,8	10,2	1183	624	1,2529	1200
	530	500			3551406101309	775,00	875,00	925,00	3551406101323	875,00	975,00	1.025,00	27,2	3,0	11,3	1421	750	1,2498	1200
	580	550			3551406101312	803,00	903,00	953,00	3551406101326	903,00	1.003,00	1.053,00	30,2	3,3	12,0	1897	1004	1,2459	1200
1885	430	400	341	416	3551406101303	933,00	1.033,00	1.083,00	3551406101317	1.033,00	1.133,00	1.183,00	31,0	3,4	12,5	1268	666	1,2604	1200
	480	450			3551406101307	969,00	1.069,00	1.119,00	3551406101321	1.070,00	1.170,00	1.220,00	34,0	3,8	13,7	1565	822	1,2608	1200
	530	500			3551406101310	1.002,00	1.102,00	1.152,00	3551406101324	1.102,00	1.202,00	1.252,00	37,2	4,1	14,9	1861	977	1,2610	1200
	580	550			3551406101313	1.027,00	1.127,00	1.177,00	3551406101327	1.127,00	1.227,00	1.277,00	40,3	4,5	16,1	2042	1072	1,2621	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ

LUCY 18 WIDE

 **WARRANTY 5 YEARS**



MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

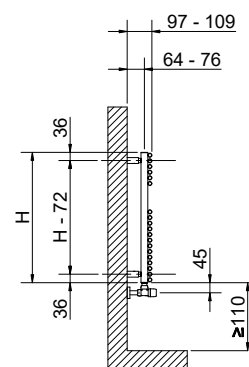
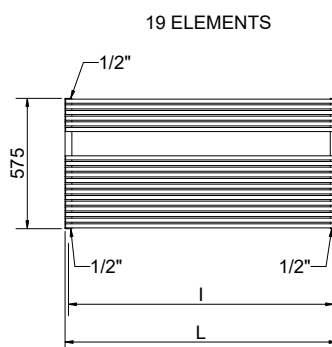
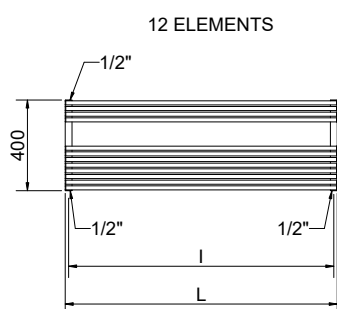
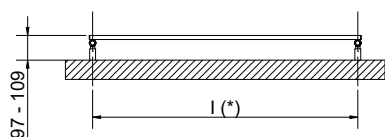


Thermostatic head
Kristal TC
fully colored



Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LUCY 18 WIDE

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
										Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
400	1200	1170	3551406100250	358,00	458,00	508,00	8,1	0,89	3,2	585	319	1,18905	400
	1400	1370	3551406100252	365,00	465,00	515,00	9,0	1,025	3,6	701	383	1,18223	400
575	1200	1170	3551406100251	413,00	513,00	563,00	12,6	1,4	5,0	901	493	1,1811	700
	1400	1370	3551406100253	424,00	524,00	574,00	14,2	1,6	5,7	1091	587	1,21455	700

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

LUCY 25

WARRANTY 5 YEARS



Color: F25 Quartz dust

FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

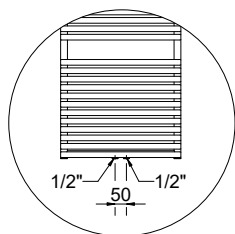


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

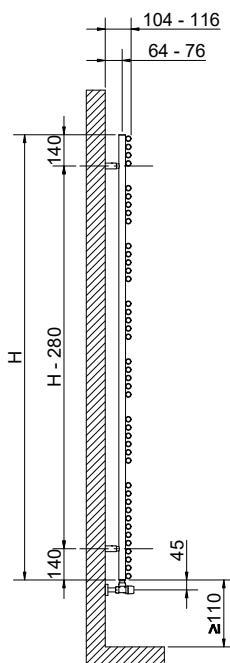
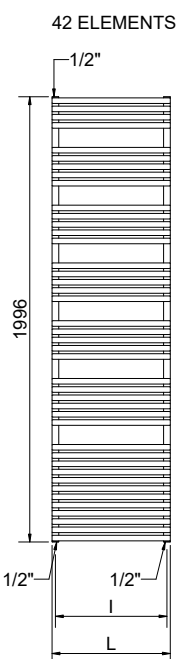
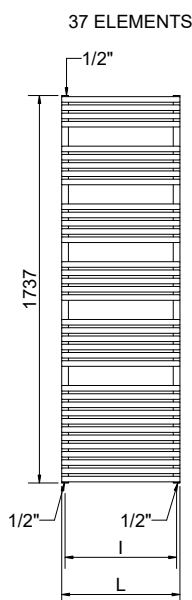
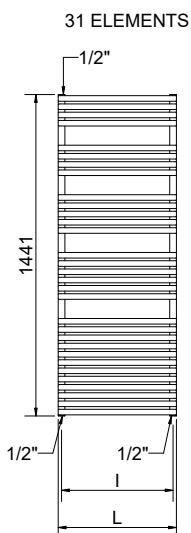
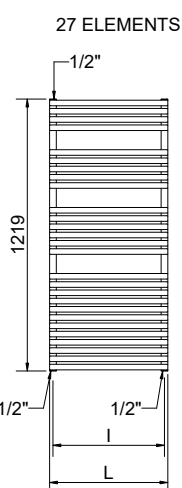
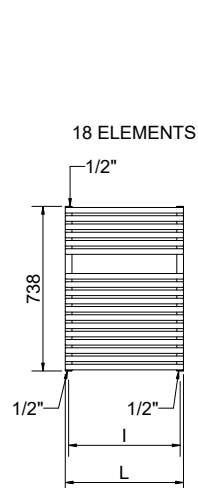
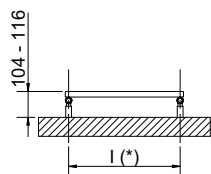


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LUCY 25

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.							Dry Weight	Water Surface	content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit	
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]	
738	430	400	3551406100340	265,00	365,00	415,00	3551406100360	365,00	465,00	515,00	5,8	0,747	4,1	384	210	1,1834	400
	480	450	3551406100344	273,00	373,00	423,00	3551406100364	373,00	473,00	523,00	6,4	0,818	4,5	430	235	1,1806	400
1219	430	400	3551406100341	330,00	430,00	480,00	3551406100361	430,00	530,00	580,00	9,0	1,142	6,3	589	321	1,1879	600
	480	450	3551406100345	334,00	434,00	484,00	3551406100365	434,00	534,00	584,00	9,8	1,248	6,8	656	358	1,1873	600
	530	500	3551406100348	346,00	446,00	496,00	3551406100368	446,00	546,00	596,00	10,6	1,354	7,4	724	395	1,1867	700
1441	580	550	3551406100352	353,00	453,00	503,00	3551406100372	453,00	553,00	603,00	11,4	1,460	8,0	791	431	1,1861	700
	430	400	3551406100342	375,00	475,00	525,00	3551406100362	475,00	575,00	625,00	10,4	1,319	7,3	684	371	1,1993	700
	480	450	3551406100346	378,00	478,00	528,00	3551406100366	478,00	578,00	628,00	11,3	1,440	7,9	761	413	1,1942	700
1737	530	500	3551406100349	383,00	483,00	533,00	3551406100369	483,00	583,00	633,00	12,2	1,562	8,6	838	456	1,1891	700
	580	550	3551406100353	401,00	501,00	551,00	3551406100373	501,00	601,00	651,00	13,1	1,684	9,2	915	500	1,184	900
	430	400	3551406100343	439,00	539,00	589,00	3551406100363	539,00	639,00	689,00	12,4	1,577	8,7	813	438	1,2123	700
1996	480	450	3551406100347	446,00	546,00	596,00	3551406100367	546,00	646,00	696,00	13,5	1,722	9,5	903	488	1,206	900
	530	500	3551406100350	461,00	561,00	611,00	3551406100370	561,00	661,00	711,00	14,6	1,868	10,2	992	538	1,1997	900
	580	550	3551406100354	481,00	581,00	631,00	3551406100374	581,00	681,00	731,00	15,7	2,013	11,0	1082	588	1,1934	1000
1996	530	500	3551406100351	563,00	663,00	713,00	3551406100371	663,00	763,00	813,00	16,6	2,125	11,6	1131	610	1,2091	1000
	580	550	3551406100355	579,00	679,00	729,00	3551406100375	679,00	779,00	829,00	17,8	2,289	12,5	1231	666	1,2017	1000
	730	700	3551406100356	613,00	713,00	763,00	3551406100376	713,00	813,00	863,00	21,6	2,784	15,1	1532	839	1,1798	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ

LUCY 25 PLUS

WARRANTY 5 YEARS



Color: F38 Sandstone

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 25 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

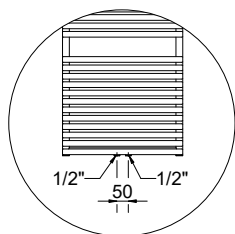


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

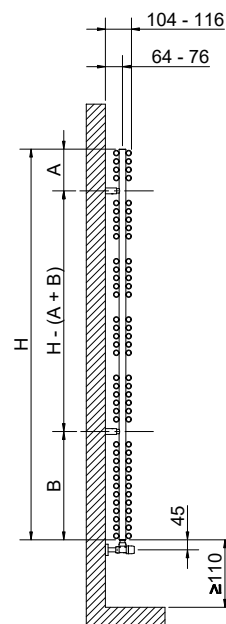
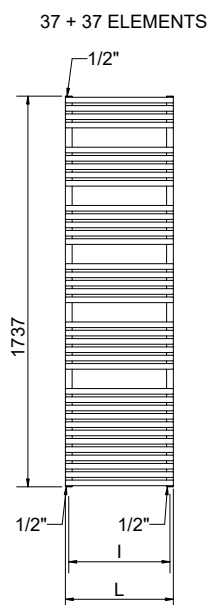
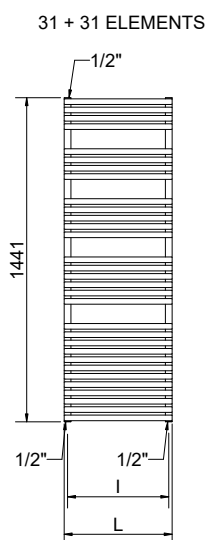
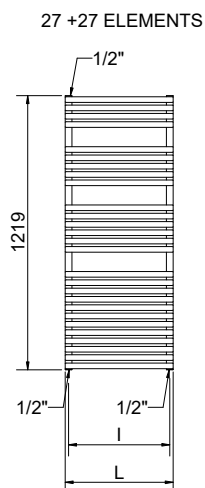
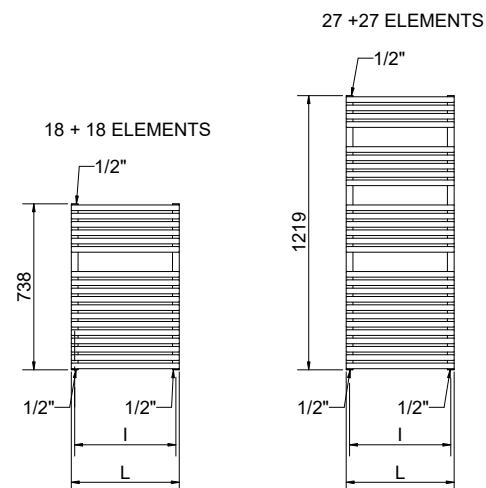
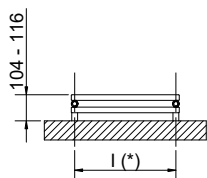


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LUCY 25 PLUS

						Price [€]							Thermal output						
Height	Width	Pipe Centres	A	B	Art. nr.				Art. nr.				Dry Weight	Water Surface content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit	
						R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
[mm]	L [mm]	l [mm]	[mm]	[mm]	R01 White	White	Color	Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
738	430	400	226	911	3551406101400	430,00	530,00	580,00	3551406101414	530,00	630,00	680,00	11,07	1,44	7,76	543	294	1,1980	500
	480	450			3551406101404	445,00	545,00	595,00	3551406101418	545,00	645,00	695,00	11,50	1,50	8,06	611	331	1,1982	600
1219	430	400	185	481	3551406101401	529,00	629,00	679,00	3551406101415	629,00	729,00	779,00	15,84	2,05	11,11	816	434	1,2379	700
	480	450			3551406101405	535,00	635,00	685,00	3551406101419	635,00	735,00	785,00	17,43	2,27	12,23	915	487	1,2339	900
	530	500			3551406101408	554,00	654,00	704,00	3551406101422	654,00	754,00	804,00	19,03	2,48	13,35	1014	541	1,2300	1000
	580	550			3551406101411	577,00	677,00	727,00	3551406101425	677,00	777,00	827,00	20,63	2,69	14,47	1112	595	1,2260	1200
1441	430	400	185	481	3551406101402	599,00	699,00	749,00	3551406101416	699,00	799,00	849,00	18,25	2,37	12,80	945	496	1,2618	900
	480	450			3551406101406	605,00	705,00	755,00	3551406101420	705,00	805,00	855,00	20,09	2,61	14,09	1057	557	1,2536	1000
	530	500			3551406101409	635,00	735,00	785,00	3551406101423	735,00	835,00	885,00	21,92	2,85	15,38	1169	619	1,2455	1200
	580	550			3551406101412	649,00	749,00	799,00	3551406101426	749,00	849,00	899,00	23,76	3,10	16,66	1282	681	1,2374	1200
1737	430	400	185	481	3551406101403	689,00	789,00	839,00	3551406101417	789,00	889,00	939,00	21,81	2,83	15,30	1123	590	1,2599	1000
	480	450			3551406101407	708,00	808,00	858,00	3551406101421	808,00	908,00	958,00	24,01	3,12	16,84	1252	661	1,2521	1200
	530	500			3551406101410	733,00	833,00	883,00	3551406101424	833,00	933,00	983,00	26,20	3,41	18,37	1382	732	1,2442	1200
	580	550			3551406101413	762,00	862,00	912,00	3551406101427	862,00	962,00	1.012,00	28,39	3,70	19,91	1512	804	1,2364	1200

The codes shown in the table refer to the R01 White color models

For output at different Δt , please refer to the following formula: desired output = output at Δt 50 x (Desired Δt /50)ⁿ

GLORIA 18

WARRANTY 5 YEARS



MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

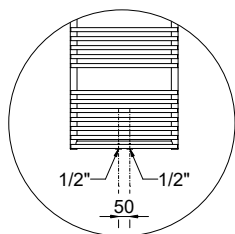


Total Color, Kristal valve,
angled pipe centres 50
mm Right or Left with
thermostatic option,
colored

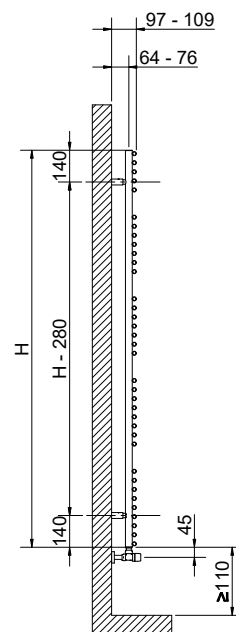
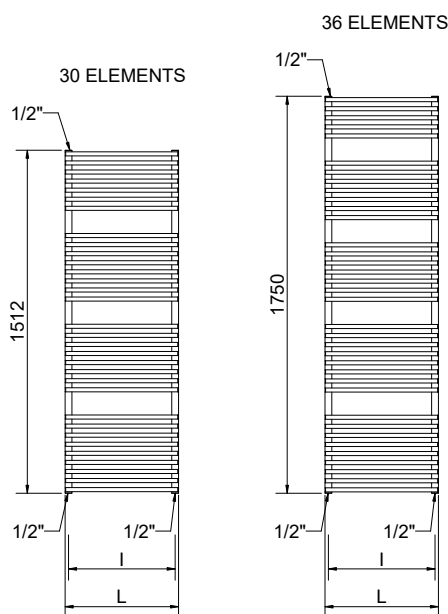
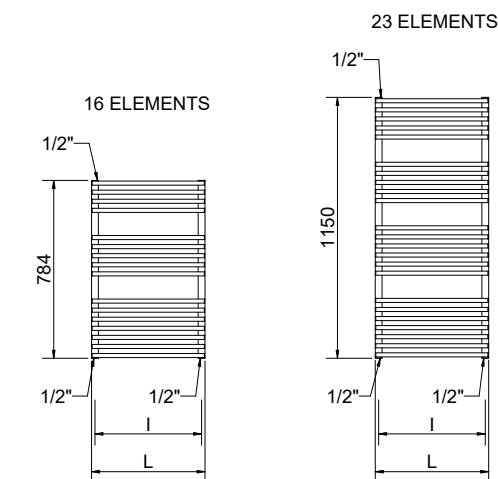
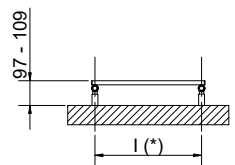


Thermostatic head
Kristal TC
fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

GLORIA 18

Height	Width	Pipe Centres	Art. nr.	Price [€]			PIPE CENTRES 50 mm				Thermal output						
							Art. nr.				Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	l [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
784	430	400	3551666100140	240,00	340,00	390,00	3551666100163	340,00	440,00	490,00	5,1	0,537	2,2	352	194	1,1666	300
	480	450	3551666100141	244,00	344,00	394,00	3551666100164	344,00	444,00	494,00	5,5	0,582	2,4	379	210	1,1571	300
	530	500	3551666100142	249,00	349,00	399,00	3551666100165	349,00	449,00	499,00	5,6	0,627	2,6	406	226	1,1476	400
	580	550	3551666100143	267,00	367,00	417,00	3551666100166	367,00	467,00	517,00	6,3	0,673	2,7	433	242	1,1382	400
1150	430	400	3551666100145	287,00	387,00	437,00	3551666100168	387,00	487,00	537,00	7,3	0,77	3,2	483	262	1,1981	500
	480	450	3551666100146	292,00	392,00	442,00	3551666100169	392,00	492,00	542,00	7,9	0,84	3,4	524	285	1,1927	500
	530	500	3551666100147	299,00	399,00	449,00	3551666100170	399,00	499,00	549,00	8	0,906	3,7	566	309	1,1873	600
	580	550	3551666100148	318,00	418,00	468,00	3551666100171	418,00	518,00	568,00	9,1	0,971	3,8	608	332	1,1818	600
1500	430	400	3551666100150	347,00	447,00	497,00	3551666100173	447,00	547,00	597,00	10	1,063	4,4	628	338	1,2138	600
	480	450	3551666100151	352,00	452,00	502,00	3551666100174	452,00	552,00	602,00	10,8	1,154	4,7	685	369	1,2111	700
	530	500	3551666100152	359,00	459,00	509,00	3551666100175	459,00	559,00	609,00	11	1,238	5	743	401	1,2084	700
	580	550	3551666100153	367,00	467,00	517,00	3551666100176	467,00	567,00	617,00	12,4	1,335	5,3	800	432	1,2056	700
1750	430	400	3551666100155	395,00	495,00	545,00	3551666100178	495,00	595,00	645,00	11,4	1,205	5	734	393	1,2242	700
	480	450	3551666100156	407,00	507,00	557,00	3551666100179	507,00	607,00	657,00	12,3	1,307	5,3	803	430	1,2232	700
	530	500	3551666100157	417,00	517,00	567,00	3551666100180	517,00	617,00	667,00	12,5	1,409	5,7	871	467	1,2223	900
	580	550	3551666100158	423,00	523,00	573,00	3551666100181	523,00	623,00	673,00	14,1	1,511	6	940	504	1,2213	900

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ

GLORIA 22

 **WARRANTY 5 YEARS**



Color: S02 Manhattan

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- | | |
|--|---|
| ☒ Hot water | ☒ Blower (see page 144) |
| ☒ Electric (see page 118) | ☒ Blower dual energy (see page 146) |
| ☒ Dual energy (see page 350) | |

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

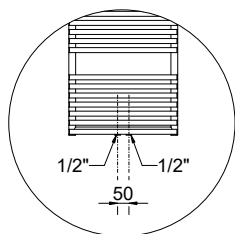


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

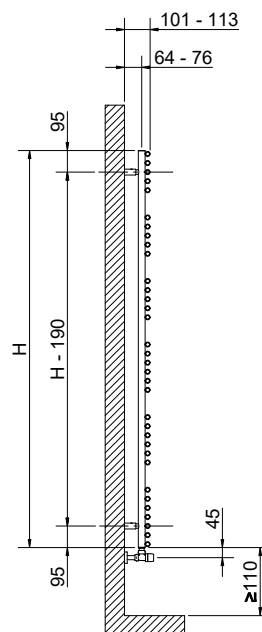
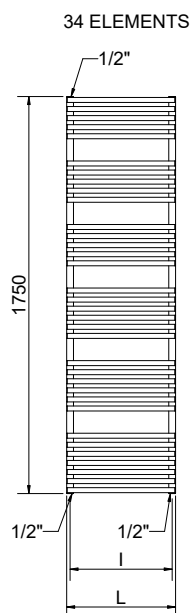
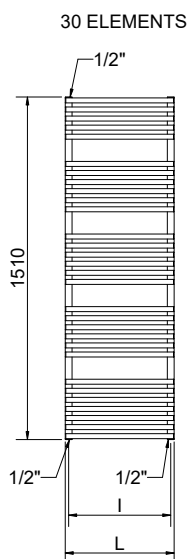
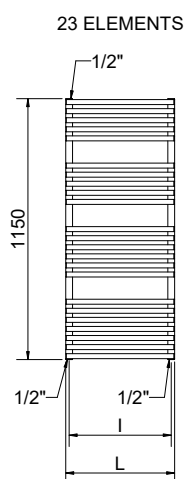
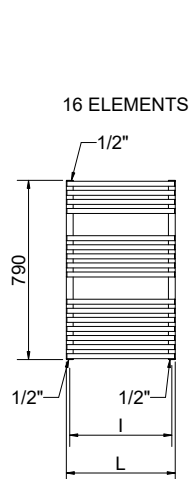
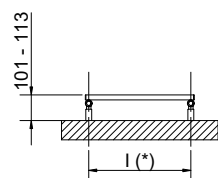


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

GLORIA 22

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Water Surface	content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
790	430	400	3551666100101	249,00	349,00	399,00	3551666100121	349,00	449,00	499,00	6,1	0,61	3,0	364	203	1,1424	300
	480	450	3551666100102	257,00	357,00	407,00	3551666100122	357,00	457,00	507,00	6,6	0,66	3,1	401	224	1,1395	400
	430	400	3551666100103	301,00	401,00	451,00	3551666100123	401,00	501,00	551,00	8,8	0,88	4,2	516	285	1,1626	500
1150	480	450	3551666100104	304,00	404,00	454,00	3551666100124	404,00	504,00	554,00	9,5	0,95	4,6	567	314	1,1571	500
	530	500	3551666100105	314,00	414,00	464,00	3551666100125	414,00	514,00	564,00	10,2	1,03	5,0	617	343	1,1516	600
	580	550	3551666100106	324,00	424,00	474,00	3551666100126	424,00	524,00	574,00	10,9	1,10	5,3	668	372	1,1460	700
	630	600	3551666100107	326,00	426,00	476,00	3551666100127	426,00	526,00	576,00	11,8	1,18	5,7	719	402	1,1405	700
	430	400	3551666100108	350,00	450,00	500,00	3551666100128	450,00	550,00	600,00	11,4	1,14	5,5	668	368	1,1684	700
1510	480	450	3551666100109	357,00	457,00	507,00	3551666100129	457,00	557,00	607,00	12,3	1,25	6,3	732	404	1,1645	700
	530	500	3551666100110	363,00	463,00	513,00	3551666100130	463,00	563,00	613,00	13,2	1,32	6,5	796	440	1,1606	700
	580	550	3551666100111	371,00	471,00	521,00	3551666100131	471,00	571,00	621,00	14,2	1,44	6,9	860	476	1,1568	900
	630	600	3551666100112	376,00	476,00	526,00	3551666100132	476,00	576,00	626,00	15,0	1,53	7,3	924	513	1,1529	900
	480	450	3551666100113	406,00	506,00	556,00	3551666100133	506,00	606,00	656,00	14,0	1,41	6,9	842	463	1,1694	700
1750	530	500	3551666100114	413,00	513,00	563,00	3551666100134	513,00	613,00	663,00	15,1	1,52	7,4	915	504	1,1666	900
	580	550	3551666100115	425,00	525,00	575,00	3551666100135	525,00	625,00	675,00	16,1	1,64	7,9	989	546	1,1638	1000
	630	600	3551666100116	433,00	533,00	583,00	3551666100136	533,00	633,00	683,00	17,1	1,75	8,4	1062	587	1,1610	1000
	730	700	3551666100117	451,00	551,00	601,00	3551666100137	551,00	651,00	701,00	19,2	1,97	9,4	1208	670	1,1554	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

GLORIA 22 PLUS

 **WARRANTY 5 YEARS**



MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

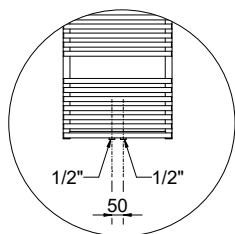


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

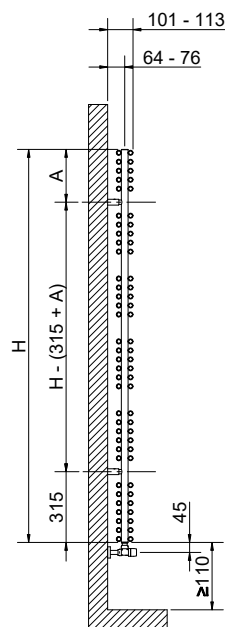
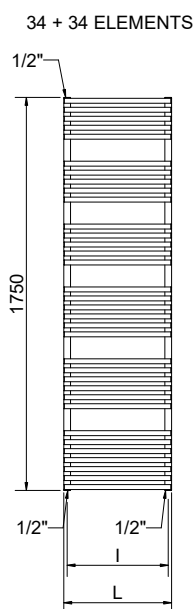
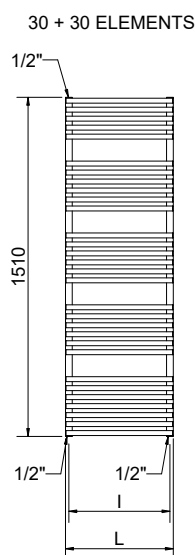
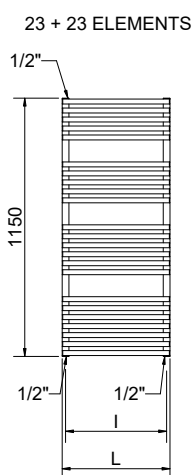
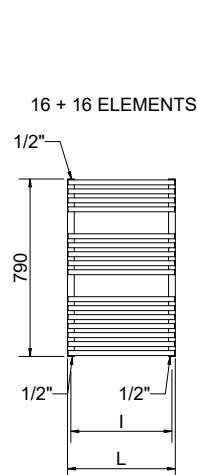
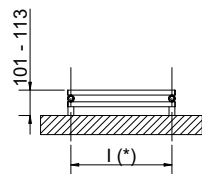


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

GLORIA 22 PLUS

					Price [€]								Thermal output					
Height	Width	Pipe Centres	A	Art. nr.				Art. nr.				Dry Weight	Water Surface content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit	
[mm]	L [mm]	I [mm]	[mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
790	430	400	195	3551666100201	391,00	491,00	541,00	3551666100221	491,00	591,00	641,00	8,48	1,10	5,26	527	287	1,1925	600
	480	450		3551666100202	414,00	514,00	564,00	3551666100222	514,00	614,00	664,00	9,30	1,21	5,77	591	321	1,1925	700
1150	430	400	235	3551666100203	468,00	568,00	618,00	3551666100223	568,00	668,00	718,00	12,21	1,58	7,59	735	396	1,2129	900
	480	450		3551666100204	482,00	582,00	632,00	3551666100224	582,00	682,00	732,00	13,40	1,74	8,31	824	444	1,2121	900
	530	500		3551666100205	493,00	593,00	643,00	3551666100225	593,00	693,00	743,00	14,59	1,90	9,03	913	492	1,2114	900
	580	550		3551666100206	528,00	628,00	678,00	3551666100226	628,00	728,00	778,00	15,79	2,06	9,75	1002	540	1,2106	1200
	630	600		3551666100207	538,00	638,00	688,00	3551666100227	638,00	738,00	788,00	16,98	2,22	10,48	1091	588	1,2099	1200
1510	430	400	235	3551666100208	536,00	636,00	686,00	3551666100228	636,00	736,00	786,00	15,94	2,07	9,91	955	510	1,2272	900
	480	450		3551666100209	566,00	666,00	716,00	3551666100229	666,00	766,00	816,00	17,50	2,27	10,85	1072	574	1,2219	1200
	530	500		3551666100210	576,00	676,00	726,00	3551666100230	676,00	776,00	826,00	19,05	2,48	11,79	1186	637	1,2166	1200
	580	550		3551666100211	601,00	701,00	751,00	3551666100231	701,00	801,00	851,00	20,61	2,69	12,74	1302	701	1,2114	1200
	630	600		3551666100212	617,00	717,00	767,00	3551666100232	717,00	817,00	867,00	22,16	2,90	13,68	1417	765	1,2061	1200
1750	480	450	235	3551666100213	627,00	727,00	777,00	3551666100233	727,00	827,00	877,00	19,90	2,59	12,34	1245	665	1,2284	1200
	530	500		3551666100214	645,00	745,00	795,00	3551666100234	745,00	845,00	895,00	21,66	2,82	13,41	1379	739	1,2201	1200
	580	550		3551666100215	669,00	769,00	819,00	3551666100235	769,00	869,00	919,00	23,42	3,06	14,48	1514	815	1,2119	1200
	630	600		3551666100216	693,00	793,00	843,00	3551666100236	793,00	893,00	943,00	25,19	3,29	15,55	1649	892	1,2036	1200
	730	700		3551666100217	737,00	837,00	887,00	3551666100237	837,00	937,00	987,00	28,71	3,76	17,69	1918	1046	1,1870	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

GLORIA 22

CHROMED



EUROPEAN WARRANTY



MATERIAL:

- Ø 30 mm vertical collectors in chromed mild steel.
- Ø 22 mm horizontal heating elements in chromed mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FINISHING:

Chromed (PLATED IN ITALY).

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option
chromed

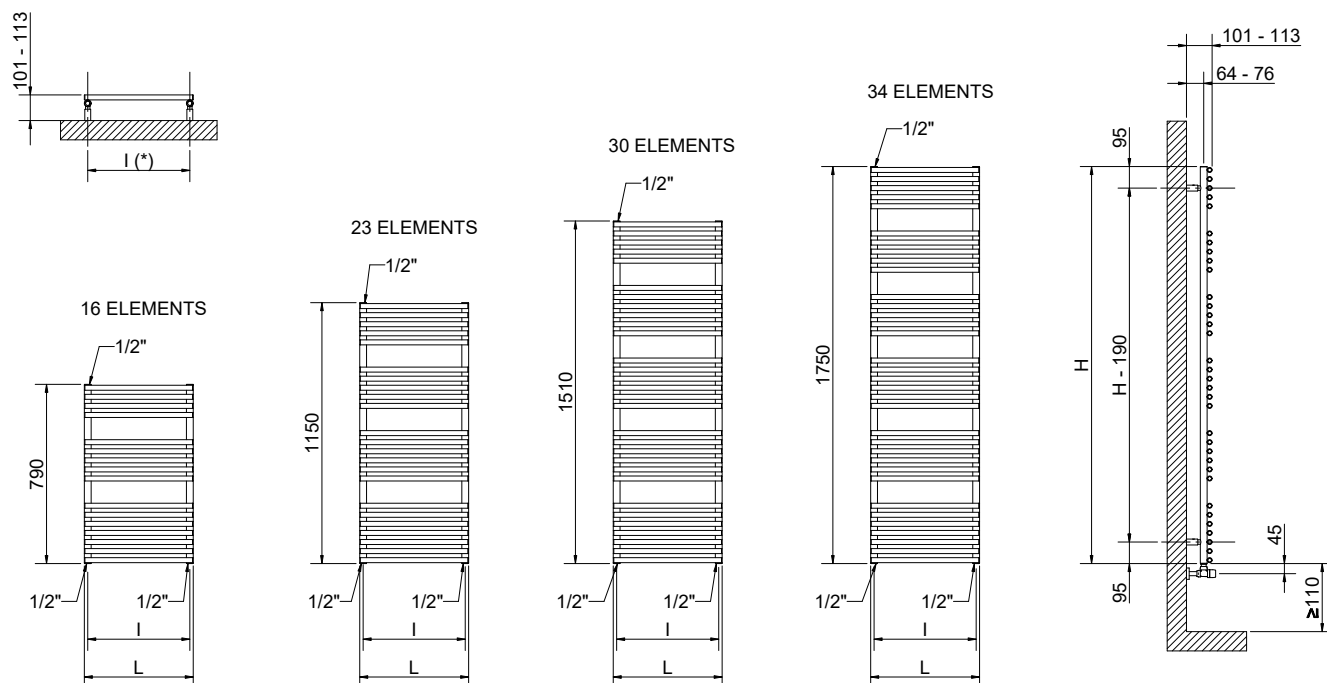


Kristal valve corner Right
or Left thermostatic option
chromed



Thermostatic head
Kristal TC chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

GLORIA 22 CHROMED

Height	Width	Pipe Centres	Art. nr.	Thermal output							
				Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
790	430	400	3551666101101	597,00	6,1	0,61	3,0	279	151	1,1983	-
	480	450	3551666101102	601,00	6,6	0,66	3,1	302	164	1,1941	300
1150	430	400	3551666101103	762,00	8,8	0,88	4,2	392	209	1,2348	400
	480	450	3551666101104	764,00	9,5	0,95	4,6	426	228	1,2250	400
	530	500	3551666101105	767,00	10,2	1,03	5,0	460	247	1,2153	400
	580	550	3551666101106	770,00	10,9	1,10	5,3	494	267	1,2055	500
	630	600	3551666101107	779,00	11,8	1,18	5,7	528	287	1,1958	500
1510	430	400	3551666101108	885,00	11,4	1,41	5,5	502	268	1,2281	500
	480	450	3551666101109	891,00	12,3	1,25	6,3	546	292	1,2219	500
	530	500	3551666101110	894,00	13,2	1,32	6,5	591	318	1,2157	600
	580	550	3551666101111	897,00	14,2	1,44	6,9	636	343	1,2095	600
1750	630	600	3551666101112	908,00	15,0	1,53	7,3	680	368	1,2033	700
	480	450	3551666101113	1.007,00	6,8	1,41	6,7	626	336	1,2198	600
	530	500	3551666101114	1.016,00	7,3	1,50	7,4	678	364	1,2160	700
	580	550	3551666101115	1.026,00	7,9	1,63	7,9	730	393	1,2123	700
	630	600	3551666101116	1.071,00	8,4	1,75	8,4	782	422	1,2085	700
	730	700	3551666101117	1.090,00	8,9	1,86	8,9	886	480	1,2009	900

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

GLORIA 22 WIDE

 **WARRANTY 5 YEARS**



Color: RAL 9005 - R13 Nero

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

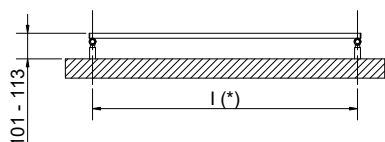


Thermostatic head
Kristal TC
fully colored

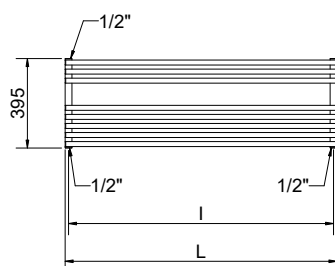


Thermostatic head
Kristal TC chromed

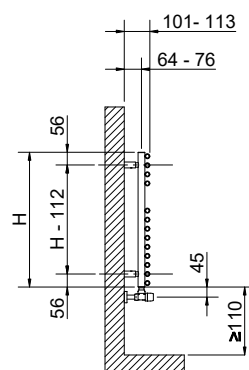
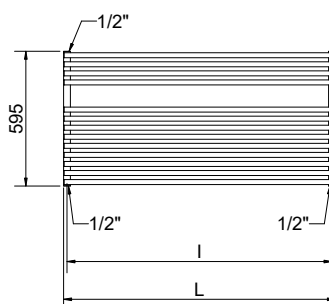
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



8 ELEMENTS



13 ELEMENTS



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

GLORIA 22 WIDE

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
										Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	l [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
395	1200	1170	3551666100001	339,00	439,00	489,00	6,7	0,73	3,5	488	268	1,1717	400
	1400	1370	3551666100003	374,00	474,00	524,00	7,7	0,85	3,8	565	308	1,1860	400
595	1200	1170	3551666100002	386,00	486,00	536,00	10,8	1,9	5,3	788	425	1,2070	700
	1400	1370	3551666100004	429,00	529,00	579,00	12,4	1,37	6,2	911	495	1,1954	700

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50^\circ \text{C} \times (\text{Desired } \Delta T / 50)^\text{n}$



Color: RAL 1013 - R40 Pearl white

FEATURES

P. max: 5 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- | | |
|--|---|
| ☒ Hot water | ☒ Blower (see page 148) |
| ☒ Electric (see page 120) | ☒ Blower dual energy (see page 150) |
| ☒ Dual energy (see page 350) | |

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

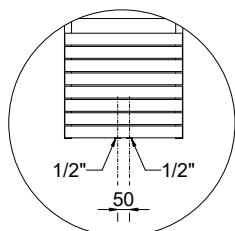


Towel bar in painted mild steel

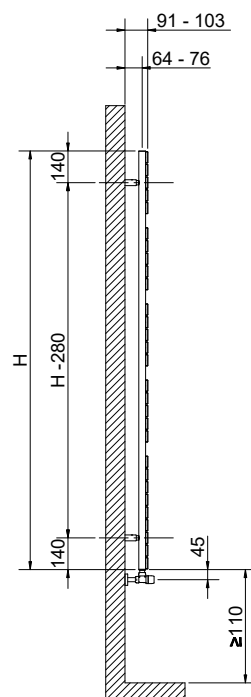
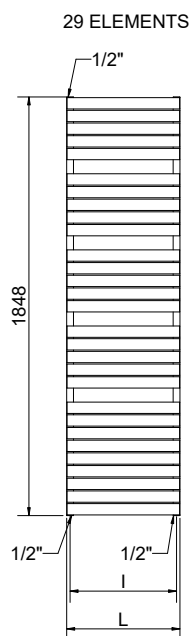
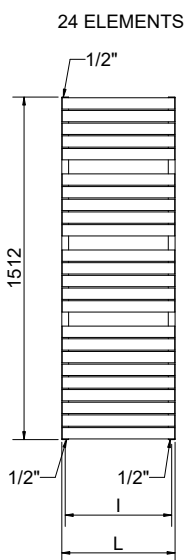
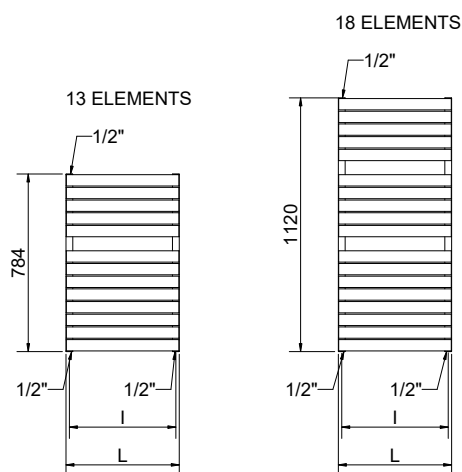
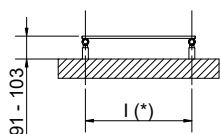


Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

DORY

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Water Surface	content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
784	400	370	3551426100200	342,00	442,00	492,00	3551426100230	442,00	542,00	592,00	7,3	0,772	2,8	355	195	1,1761	300
	500	470	3551426100210	361,00	461,00	511,00	3551426100240	461,00	561,00	611,00	8,7	0,928	3,2	442	243	1,1679	400
1120	400	370	3551426100201	415,00	515,00	565,00	3551426100231	515,00	615,00	665,00	10,2	1,075	3,9	482	265	1,1741	500
	500	470	3551426100211	436,00	536,00	586,00	3551426100241	536,00	636,00	686,00	12,1	1,291	4,5	592	326	1,1693	600
1512	600	570	3551426100221	462,00	562,00	612,00	3551426100251	562,00	662,00	712,00	14,1	1,507	5,2	702	387	1,1660	700
	400	370	3551426100202	511,00	611,00	661,00	3551426100232	611,00	711,00	761,00	13,6	1,437	5,2	631	347	1,1716	600
1848	500	470	3551426100212	538,00	638,00	688,00	3551426100242	638,00	738,00	788,00	16,2	1,725	6,1	767	422	1,1709	700
	600	570	3551426100222	567,00	667,00	717,00	3551426100252	667,00	767,00	817,00	18,8	2,013	6,9	904	497	1,1704	900
	400	370	3551426100203	583,00	683,00	733,00	3551426100233	683,00	783,00	833,00	16,5	1,740	6,3	751	413	1,1696	700
	500	470	3551426100213	619,00	719,00	769,00	3551426100243	719,00	819,00	869,00	19,6	2,088	7,4	911	501	1,1722	900
	600	570	3551426100223	656,00	756,00	806,00	3551426100253	756,00	856,00	906,00	22,8	2,436	8,4	1071	588	1,1740	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50) \cdot n$



NEW



MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: 5 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

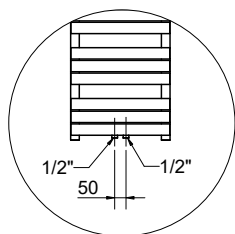


Towel bar in painted mild steel

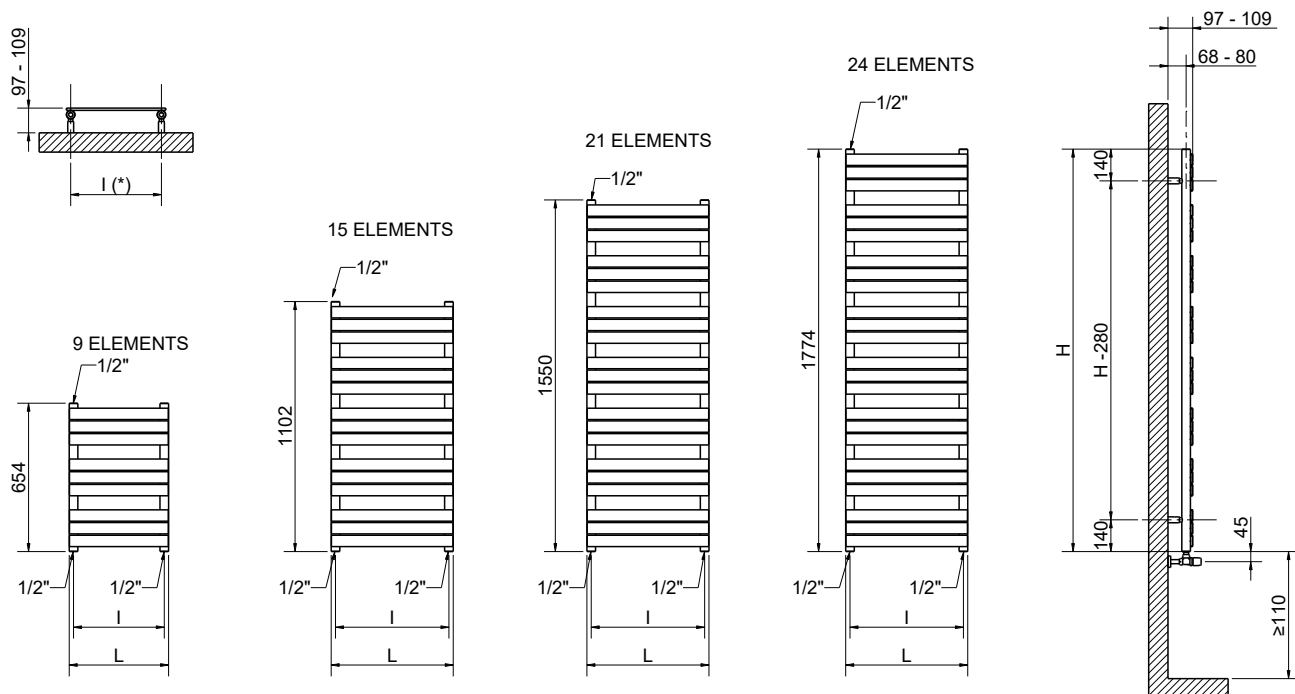


Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

DARIA

Height	Width	Pipe Centres	Art. nr.	Price [€]			Art. nr.	Price [€]			Thermal output					
				R01	CLASSIC	SPECIAL		R01	CLASSIC	SPECIAL	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	White	Color	Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
654	438	400	3551426100254	291,00	391,00	441,00	3551426100270	391,00	491,00	541,00	6,9	0,61	2,7	309	166	1,21439
	488	450	3551426100286	307,00	407,00	457,00	3551426100290	407,00	507,00	557,00	7,4	0,66	2,9	337	182	1,20809
1102	438	400	3551426100255	362,00	462,00	512,00	3551426100271	462,00	562,00	612,00	11	1,01	4,6	489	259	1,24371
	488	450	3551426100287	371,00	471,00	521,00	3551426100291	471,00	571,00	621,00	11,9	1,1	4,8	533	283	1,24099
	538	500	3551426100259	393,00	493,00	543,00	3551426100275	493,00	593,00	643,00	12,7	1,18	5,1	578	307	1,23827
	638	600	3551426100263	405,00	505,00	555,00	3551426100279	505,00	605,00	655,00	14,4	1,35	5,6	667	355	1,23282
1550	788	750	3551426100267	419,00	519,00	569,00	3551426100283	519,00	619,00	669,00	17	1,6	6,5	800	428	1,22466
	438	400	3551426100256	445,00	545,00	595,00	3551426100272	545,00	645,00	695,00	15,1	1,42	6,4	663	356	1,2173
	488	450	3551426100288	458,00	558,00	608,00	3551426100292	558,00	658,00	708,00	16,3	1,53	6,8	728	390	1,21974
	538	500	3551426100260	482,00	582,00	632,00	3551426100276	582,00	682,00	732,00	17,5	1,65	7,2	793	425	1,22218
1774	638	600	3551426100264	498,00	598,00	648,00	3551426100280	598,00	698,00	748,00	19,9	1,89	7,9	922	493	1,22707
	788	750	3551426100268	515,00	615,00	665,00	3551426100284	615,00	715,00	765,00	23,5	2,24	9	1116	594	1,23439
	438	400	3551426100257	479,00	579,00	629,00	3551426100273	579,00	679,00	729,00	17,2	1,62	7,3	768	407	1,24052
	488	450	3551426100289	496,00	596,00	646,00	3551426100293	596,00	696,00	746,00	18,6	1,75	7,7	839	446	1,23706
1774	538	500	3551426100261	525,00	625,00	675,00	3551426100277	625,00	725,00	775,00	19,9	1,89	8,2	910	484	1,2336
	638	600	3551426100265	534,00	634,00	684,00	3551426100281	634,00	734,00	784,00	22,6	2,16	9	1052	562	1,22667
	788	750	3551426100269	556,00	656,00	706,00	3551426100285	656,00	756,00	806,00	26,7	2,56	10,3	1264	679	1,21629

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ

KATIA VXn

WARRANTY 5 YEARS



NEW



Color: F51 Pozzolana

FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 20x15 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

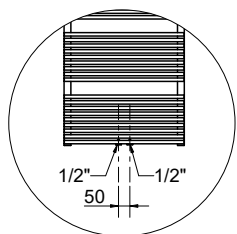


Towel bar in painted mild steel

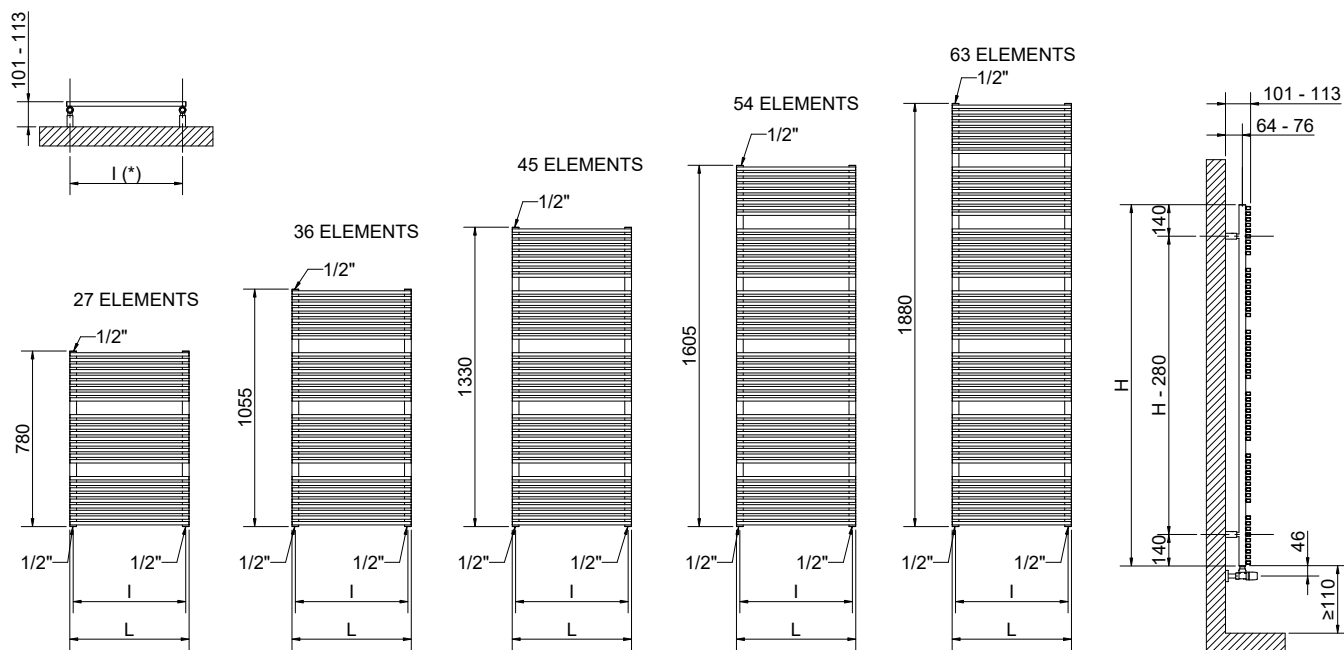


Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

KATIA VXn

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Water Surface	content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
780	430	400	3551826101015	410,00	510,00	560,00	3551826101115	510,00	610,00	660,00	9,7	0,89	3,5	450	241	1,22387	400
	480	450	3551826101016	419,00	519,00	569,00	3551826101116	519,00	619,00	669,00	10,5	0,98	3,8	504	271	1,21655	500
	530	500	3551826101017	422,00	522,00	572,00	3551826101117	522,00	622,00	672,00	11,4	1,06	4,1	559	301	1,20922	500
1055	430	400	3551826101018	504,00	604,00	654,00	3551826101118	604,00	704,00	754,00	12,7	1,19	4,7	574	304	1,24285	500
	480	450	3551826101019	510,00	610,00	660,00	3551826101119	610,00	710,00	760,00	13,9	1,31	5,1	647	345	1,23109	600
	530	500	3551826101020	527,00	627,00	677,00	3551826101120	627,00	727,00	777,00	15,1	1,42	5,5	719	386	1,21932	700
	630	600	3551826101021	548,00	648,00	698,00	3551826101121	648,00	748,00	798,00	17,4	1,65	6,3	863	469	1,1958	700
1330	780	750	3551826101022	565,00	665,00	715,00	3551826101122	665,00	765,00	815,00	20,8	1,99	7,5	1080	597	1,16051	1000
	430	400	3551826101023	590,00	690,00	740,00	3551826101123	690,00	790,00	840,00	15,9	1,49	5,9	705	373	1,24485	700
	480	450	3551826101024	602,00	702,00	752,00	3551826101124	702,00	802,00	852,00	17,3	1,63	6,4	792	422	1,23263	700
	530	500	3551826101025	615,00	715,00	765,00	3551826101125	715,00	815,00	865,00	18,8	1,78	6,9	879	471	1,22042	700
	630	600	3551826101026	627,00	727,00	777,00	3551826101126	727,00	827,00	877,00	21,7	2,06	7,9	1054	572	1,19599	1000
1605	780	750	3551826101027	643,00	743,00	793,00	3551826101127	743,00	843,00	893,00	25,9	2,49	9,3	1315	728	1,15934	1200
	430	400	3551826101028	667,00	767,00	817,00	3551826101128	767,00	867,00	917,00	19	1,79	7	843	446	1,24684	700
	480	450	3551826101029	682,00	782,00	832,00	3551826101129	782,00	882,00	932,00	20,7	1,96	7,6	943	502	1,23417	900
	530	500	3551826101030	694,00	794,00	844,00	3551826101130	794,00	894,00	944,00	22,4	2,13	8,2	1042	558	1,22151	1000
	630	600	3551826101031	715,00	815,00	865,00	3551826101131	815,00	915,00	965,00	25,9	2,48	9,4	1241	674	1,19618	1200
1880	780	750	3551826101032	739,00	839,00	889,00	3551826101132	839,00	939,00	989,00	31	2,99	11,2	1540	852	1,15818	1200
	430	400	3551826101033	744,00	844,00	894,00	3551826101133	844,00	944,00	994,00	22	2,09	8,2	992	523	1,25256	900
	480	450	3551826101034	761,00	861,00	911,00	3551826101134	861,00	961,00	1.011,00	23,9	2,29	8,9	1101	585	1,23871	1000
	530	500	3551826101035	773,00	873,00	923,00	3551826101135	873,00	973,00	1.023,00	26	2,49	9,6	1209	647	1,22485	1200
	630	600	3551826101036	802,00	902,00	952,00	3551826101136	902,00	1.002,00	1.052,00	30	2,89	11	1427	774	1,19714	1200
	780	750	3551826101037	835,00	935,00	985,00	3551826101137	935,00	1.035,00	1.085,00	36	3,49	13,1	1753	972	1,15558	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

KATIA VXn PLUS

WARRANTY 5 YEARS



NEW



Color: F52 Marrakech light

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 20x15 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

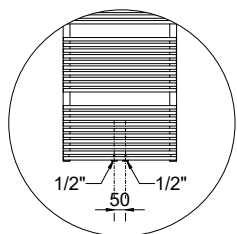


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

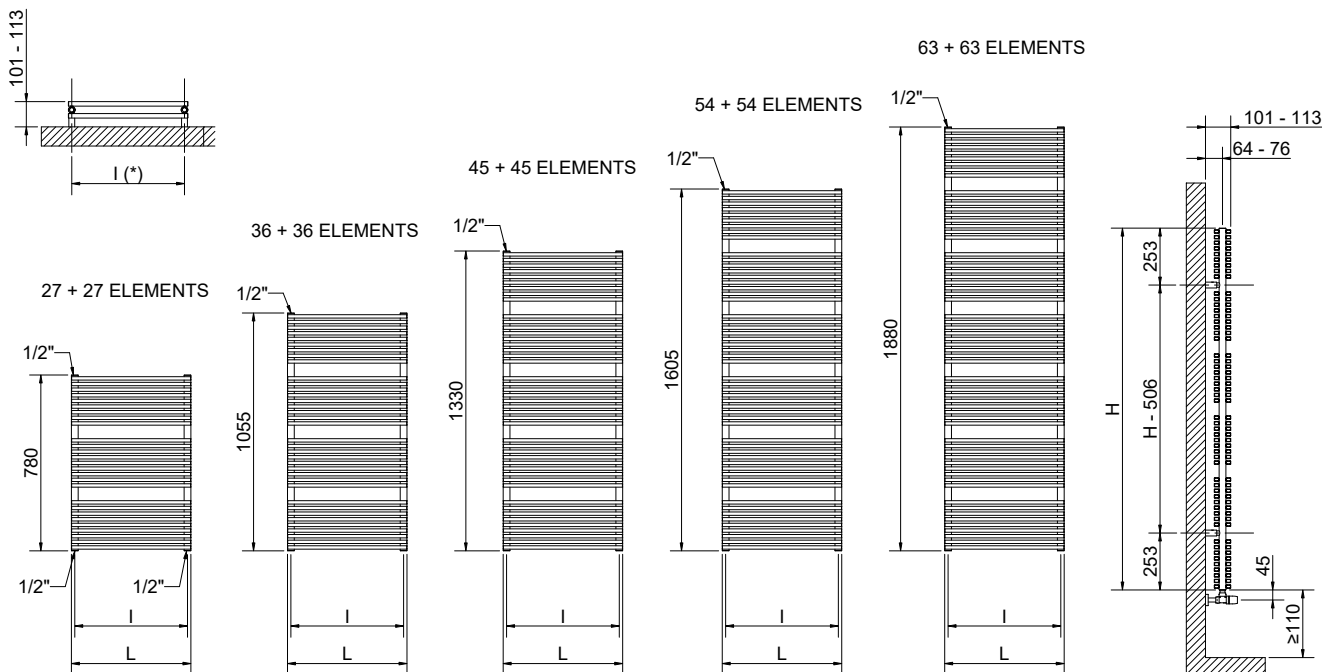


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

KATIA VXn PLUS

				Price [€]							Thermal output						
Height	Width	Pipe Centres	Art. nr.				Art. nr.				Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
780	430	400	3551826100001	695,00	795,00	845,00	3551826100129	795,00	895,00	945,00	17,1	1,64	6,1	617	327	1,2388	600
	480	450	3551826100002	717,00	817,00	867,00	3551826100130	817,00	917,00	967,00	18,8	1,81	6,7	691	368	1,23471	600
	530	500	3551826100003	731,00	831,00	881,00	3551826100131	831,00	931,00	981,00	20,5	1,98	7,3	766	408	1,23061	700
1055	430	400	3551826100004	860,00	960,00	1.010,00	3551826100132	960,00	1.060,00	1.110,00	22,6	2,19	8,1	780	408	1,27001	700
	480	450	3551826100005	889,00	989,00	1.039,00	3551826100133	989,00	1.089,00	1.139,00	24,8	2,42	8,9	876	460	1,26087	700
	530	500	3551826100006	905,00	1.005,00	1.055,00	3551826100134	1.005,00	1.105,00	1.155,00	27,2	2,65	9,7	972	513	1,25174	900
	630	600	3551826100007	934,00	1.034,00	1.084,00	3551826100135	1.034,00	1.134,00	1.184,00	31,7	3,1	11,3	1164	620	1,23346	1000
1330	780	750	3551826100008	950,00	1.050,00	1.100,00	3551826100136	1.050,00	1.150,00	1.200,00	38,4	3,79	13,7	1452	784	1,20605	1200
	430	400	3551826100009	1.015,00	1.115,00	1.165,00	3551826100137	1.115,00	1.215,00	1.265,00	28,3	2,74	10,1	947	493	1,27683	900
	480	450	3551826100010	1.057,00	1.157,00	1.207,00	3551826100138	1.157,00	1.257,00	1.307,00	31	3,02	11,1	1060	556	1,26522	1000
	530	500	3551826100011	1.078,00	1.178,00	1.228,00	3551826100139	1.178,00	1.278,00	1.328,00	33,9	3,31	12,1	1174	619	1,2536	1000
1605	630	600	3551826100012	1.101,00	1.201,00	1.251,00	3551826100140	1.201,00	1.301,00	1.351,00	39,6	3,88	14,1	1400	747	1,23037	1200
	780	750	3551826100013	1.138,00	1.238,00	1.288,00	3551826100141	1.238,00	1.338,00	1.388,00	48	4,73	17,1	1739	944	1,19553	1200
	430	400	3551826100014	1.150,00	1.250,00	1.300,00	3551826100142	1.250,00	1.350,00	1.400,00	33,8	3,29	13,8	1122	582	1,28365	1000
	480	450	3551826100015	1.182,00	1.282,00	1.332,00	3551826100143	1.282,00	1.382,00	1.432,00	37,1	3,63	15	1248	652	1,26956	1200
1880	530	500	3551826100016	1.203,00	1.303,00	1.353,00	3551826100144	1.303,00	1.403,00	1.453,00	40,6	3,97	16,2	1374	723	1,25546	1200
	630	600	3551826100017	1.238,00	1.338,00	1.388,00	3551826100145	1.338,00	1.438,00	1.488,00	47,4	4,66	18,6	1626	869	1,22728	1200
	780	750	3551826100018	1.299,00	1.399,00	1.449,00	3551826100146	1.399,00	1.499,00	1.549,00	57,5	5,68	22,2	2004	1094	1,185	1200
	430	400	3551826100019	1.285,00	1.385,00	1.435,00	3551826100147	1.385,00	1.485,00	1.535,00	39,3	3,84	14,2	1305	679	1,27839	1200
1880	480	450	3551826100020	1.306,00	1.406,00	1.456,00	3551826100148	1.406,00	1.506,00	1.556,00	43,1	4,24	15,6	1440	755	1,26429	1200
	530	500	3551826100021	1.328,00	1.428,00	1.478,00	3551826100149	1.428,00	1.528,00	1.578,00	47,1	4,63	17	1575	832	1,2502	1200
	630	600	3551826100022	1.375,00	1.475,00	1.525,00	3551826100150	1.475,00	1.575,00	1.625,00	55,1	5,43	19,8	1844	988	1,222	1200
	780	750	3551826100023	1.460,00	1.560,00	1.610,00	3551826100151	1.560,00	1.660,00	1.710,00	66,8	6,63	24	2249	1231	1,17971	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

KATIA VX WIDE

 **WARRANTY 5 YEARS**



Color: H27 Rosso vivo

FEATURES

P. max: 8 bar	T. max: 110°C
Functioning: hot water	Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 15x20 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

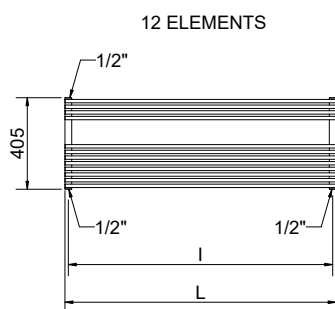
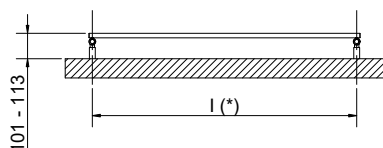


Kit 2 colored hooks

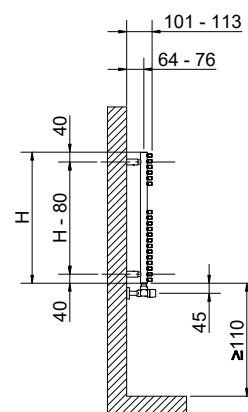
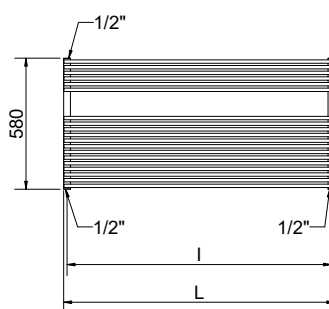


Thermostatic head
Kristal TC
fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



19 ELEMENTS



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

KATIA VX WIDE

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
										Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
405	1200	1170	3551826101201	465,00	565,00	615,00	10,9	1,06	3,3	621	336	1,2029	400
	1400	1370	3551826101203	482,00	582,00	632,00	12,0	1,25	3,8	740	404	1,1852	400
580	1200	1170	3551826101202	585,00	685,00	735,00	11,3	1,21	3,6	960	532	1,1572	700
	1400	1370	3551826101204	607,00	707,00	757,00	13,0	1,29	4,1	1122	603	1,2170	700

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

KELLY 5010

WARRANTY 5 YEARS



MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: 5 bar

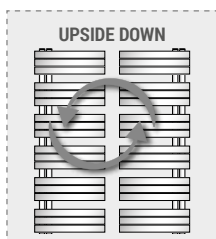
T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 2 x 1/2" G

AVAILABLE FUNCTIONS

- | | |
|--|---|
| ☒ Hot water | ☒ Blower (see page 152) |
| ☒ Electric (see page 122) | ☒ Blower dual energy (see page 156) |
| ☒ Dual energy (see page 350) | |



TIPS



The option with central connection and collectors on the right is ideal for dual energy (see page 97).

AVAILABLE ACCESSORIES



Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

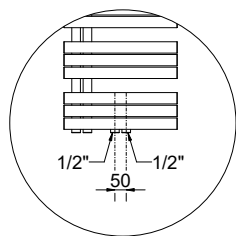


Thermostatic head Kristal TC fully colored

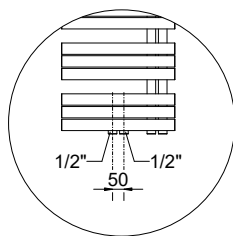


Thermostatic head Kristal TC chromed

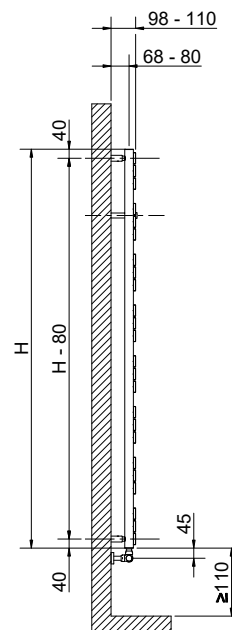
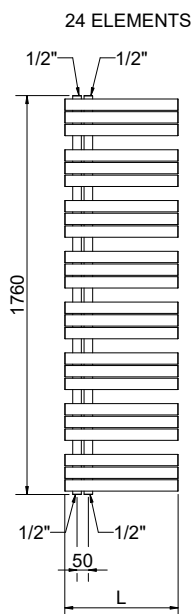
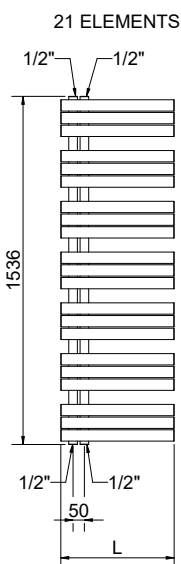
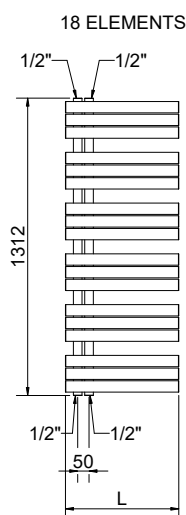
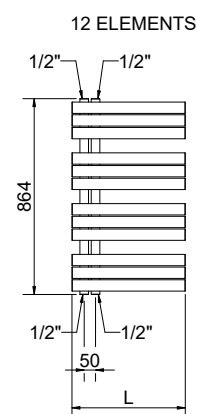
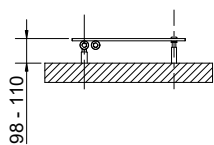
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of central connection
(COLLECTORS ON THE LEFT)



Detail of central connection
(COLLECTORS ON THE RIGHT)

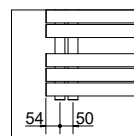
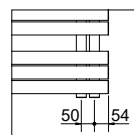


Quotes for Kristal valves

KELLY 5010

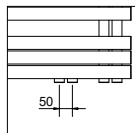
Thermal output

Height	Width	Art. nr.	Price [€]			Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
			R01 White	CLASSIC Color	SPECIAL Color						
864	500	3551726100025	409,00	509,00	559,00	0,87	3,9	381	204	1,2243	400
	600	3551726100029	436,00	536,00	586,00	1,01	4,3	443	234	1,2536	400
1312	500	3551726100026	493,00	593,00	643,00	1,31	5,8	563	300	1,2351	500
	600	3551726100030	522,00	622,00	672,00	1,51	6,5	637	336	1,2533	600
1536	500	3551726100027	589,00	689,00	739,00	1,53	6,8	652	341	1,2695	600
	600	3551726100031	622,00	722,00	772,00	1,77	7,6	742	388	1,2696	700
1760	500	3551726100028	671,00	771,00	821,00	1,75	7,8	728	378	1,2837	700
	600	3551726100032	705,00	805,00	855,00	2,02	8,7	875	455	1,2781	900



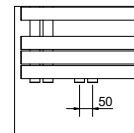
KELLY 5010 CENTRAL CONNECTION (COLLECTORS ON THE RIGHT)

Height	Width	Art. nr.	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
864	500	3551726100041	551,00	651,00	701,00
	600	3551726100045	580,00	680,00	730,00
1312	500	3551726100042	656,00	756,00	806,00
	600	3551726100046	688,00	788,00	838,00
1536	500	3551726100043	791,00	891,00	941,00
	600	3551726100047	829,00	929,00	979,00
1760	500	3551726100044	876,00	976,00	1.026,00
	600	3551726100048	918,00	1.018,00	1.068,00



KELLY 5010 CENTRAL CONNECTION (COLLECTORS ON THE LEFT)

Height	Width	Art. nr.	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
864	500	3551726100033	551,00	651,00	701,00
	600	3551726100037	580,00	680,00	730,00
1312	500	3551726100034	656,00	756,00	806,00
	600	3551726100038	688,00	788,00	838,00
1536	500	3551726100035	791,00	891,00	941,00
	600	3551726100039	829,00	929,00	979,00
1760	500	3551726100036	876,00	976,00	1.026,00
	600	3551726100040	918,00	1.018,00	1.068,00



The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

KELLY 5010 ELITE

WARRANTY 5 YEARS



NEW



Color: T23 Powder

FEATURES

P. max: 5 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 2 x 1/2" G

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

ACCESSORIES INCLUDED:

- Kelly 5010 Elite is supplied with:
- 2 hooks
 - Kristal valve kit with ø12/14mm copper and ø 16mm multilayer fittings
 - Kristal TC thermostatic head and pipe cover kit
- All matching the radiator color.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

ACCESSORIES INCLUDED



Colored valve kit, complete with fittings for copper ø 12-14 and multilayer ø 16 connection, TC thermostatic head and pipe cover kit

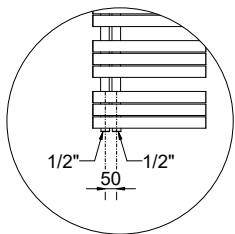


Kit 2 colored hooks

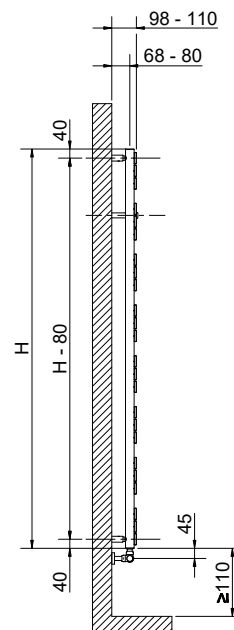
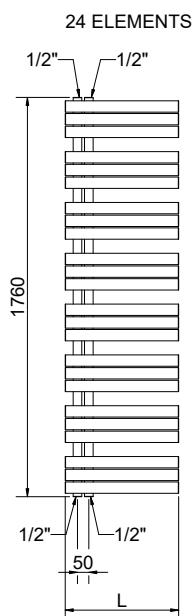
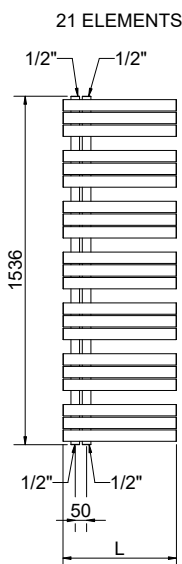
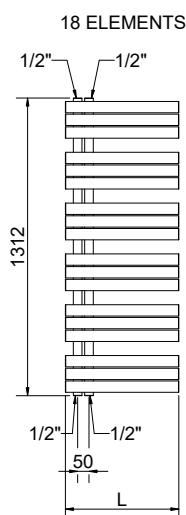
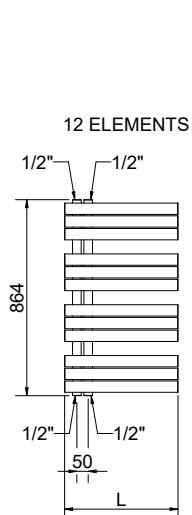
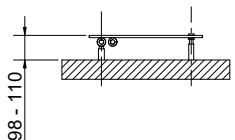


Colored fixing kit

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



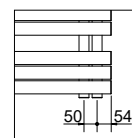
Detail of the 50 mm pipe-centres version.



KELLY 5010 ELITE DX

Thermal output

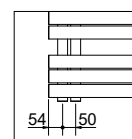
Height	Width	Art. nr.	Price [€]			Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
			R01 White	CLASSIC Color	SPECIAL Color						
864	500	3551726100066	675,00	775,00	825,00	0,87	3,9	381	204	1,2243	400
	600	3551726100070	702,00	802,00	852,00	1,01	4,3	443	234	1,2536	400
1312	500	3551726100067	746,00	846,00	896,00	1,31	5,8	563	300	1,2351	500
	600	3551726100071	775,00	875,00	925,00	1,51	6,5	637	336	1,2533	600
1536	500	3551726100068	838,00	938,00	988,00	1,53	6,8	652	341	1,2695	600
	600	3551726100072	872,00	972,00	1.022,00	1,77	7,6	742	388	1,2696	700
1760	500	3551726100069	910,00	1.010,00	1.060,00	1,75	7,8	728	378	1,2837	700
	600	3551726100073	945,00	1.045,00	1.095,00	2,02	8,7	875	455	1,2781	900



KELLY 5010 ELITE SX

Thermal output

Height	Width	Art. nr.	Price [€]			Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
			R01 White	CLASSIC Color	SPECIAL Color						
864	500	3551726100074	675,00	775,00	825,00	0,87	3,9	381	204	1,2243	400
	600	3551726100078	702,00	802,00	852,00	1,01	4,3	443	234	1,2536	400
1312	500	3551726100075	746,00	846,00	896,00	1,31	5,8	563	300	1,2351	500
	600	3551726100079	775,00	875,00	925,00	1,51	6,5	637	336	1,2533	600
1536	500	3551726100076	838,00	938,00	988,00	1,53	6,8	652	341	1,2695	600
	600	3551726100080	872,00	972,00	1.022,00	1,77	7,6	742	388	1,2696	700
1760	500	3551726100077	910,00	1.010,00	1.060,00	1,75	7,8	728	378	1,2837	700
	600	3551726100081	945,00	1.045,00	1.095,00	2,02	8,7	875	455	1,2781	900



To order **Kelly 5010 Elite** you just need to choose size and color

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT/50)ⁿ



Color: RAL 9010 - R01 White

FEATURES

P. max: 5 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x25 mm horizontal heating elements, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

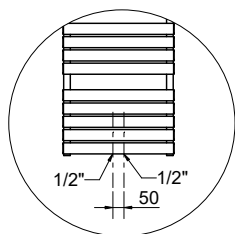


Kristal valve Total Color corner Right or Left with thermostatic option, colored

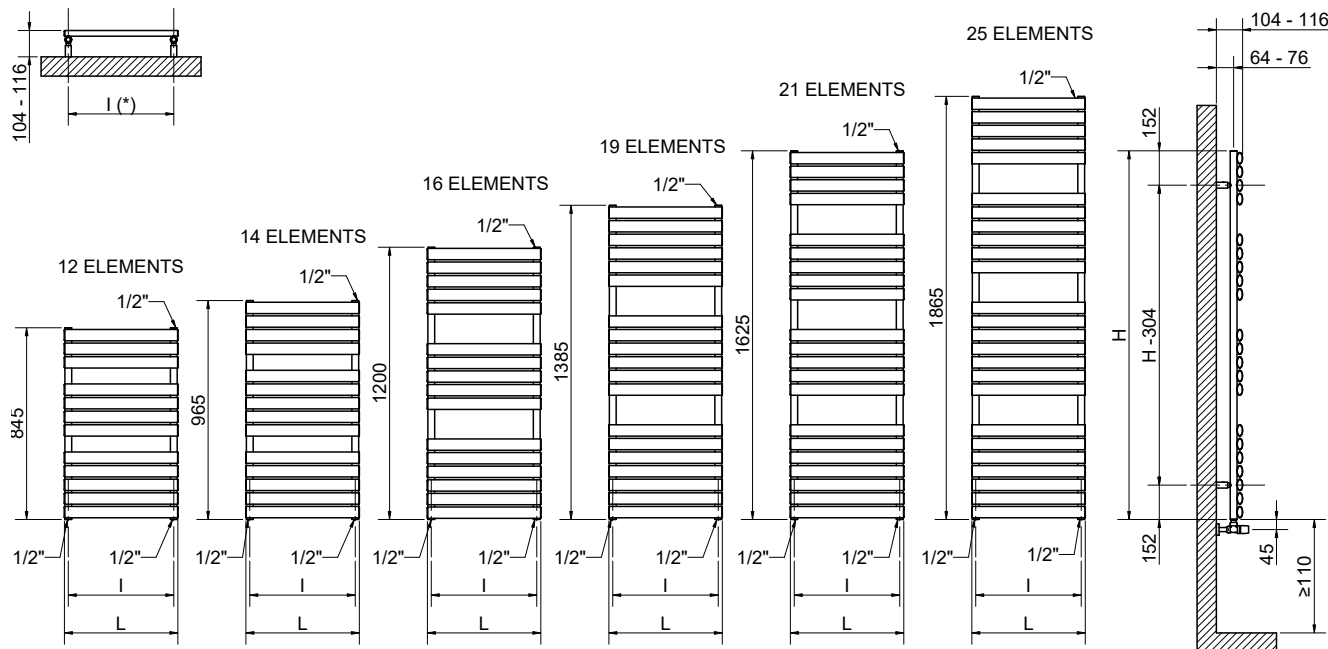


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

SAMIRA

PIPE CENTRES 50 mm

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Art. nr.	Price [€]			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
				R01 White	CLASSIC Color	SPECIAL Color		R01 White	CLASSIC Color	SPECIAL Color							
[mm]	L [mm]	I [mm]	R01 White	White	Color	Color	R01 White	White	Color	Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
845	400	365	3551626102031	286,00	386,00	436,00	3551626102049	386,00	486,00	536,00	7,62	0,74	5,64	371	200	1,2079	300
	500	465	3551626102032	300,00	400,00	450,00	3551626102050	400,00	500,00	550,00	8,95	0,88	6,82	456	248	1,1938	400
	600	565	3551626102033	328,00	428,00	478,00	3551626102051	428,00	528,00	578,00	10,28	1,03	8,00	541	296	1,1798	500
965	400	365	3551626102034	310,00	410,00	460,00	3551626102052	410,00	510,00	560,00	8,83	0,86	6,56	414	223	1,2070	400
	500	465	3551626102035	324,00	424,00	474,00	3551626102053	424,00	524,00	574,00	10,38	1,03	7,93	507	275	1,1944	500
	600	565	3551626102036	340,00	440,00	490,00	3551626102054	440,00	540,00	590,00	11,93	1,19	9,31	600	328	1,1818	600
1200	400	365	3551626102037	330,00	430,00	480,00	3551626102055	430,00	530,00	580,00	10,29	1,00	7,61	501	271	1,2051	500
	500	465	3551626102038	344,00	444,00	494,00	3551626102056	444,00	544,00	594,00	12,06	1,19	9,18	609	331	1,1954	600
	600	565	3551626102039	361,00	461,00	511,00	3551626102057	461,00	561,00	611,00	13,83	1,38	10,75	718	392	1,1856	700
1385	400	365	3551626102040	355,00	455,00	505,00	3551626102058	455,00	555,00	605,00	11,95	1,17	8,99	571	308	1,2081	600
	500	465	3551626102041	368,00	468,00	518,00	3551626102059	468,00	568,00	618,00	14,22	1,41	10,85	693	378	1,1889	700
	600	565	3551626102042	403,00	503,00	553,00	3551626102060	503,00	603,00	653,00	16,09	1,61	12,72	815	444	1,1897	700
1625	400	365	3551626102043	377,00	477,00	527,00	3551626102061	477,00	577,00	627,00	13,40	1,31	10,04	667	359	1,2119	700
	500	465	3551626102044	394,00	494,00	544,00	3551626102062	494,00	594,00	644,00	15,69	1,55	12,10	808	437	1,2034	700
	600	565	3551626102045	411,00	511,00	561,00	3551626102063	511,00	611,00	661,00	17,98	1,79	14,17	949	536	1,1195	900
1865	400	365	3551626102046	415,00	515,00	565,00	3551626102064	515,00	615,00	665,00	17,1	1,56	12	769	409	1,2368	700
	500	465	3551626102047	434,00	534,00	584,00	3551626102065	534,00	634,00	684,00	20,1	1,86	14,4	925	498	1,2115	900
	600	565	3551626102048	453,00	553,00	603,00	3551626102066	553,00	653,00	703,00	23	2,15	16,9	1081	590	1,1862	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

SAMIRA WIDE

WARRANTY 5 YEARS



Color: F37 Denim blue

FEATURES

P. max: 5 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x25 mm horizontal heating elements, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

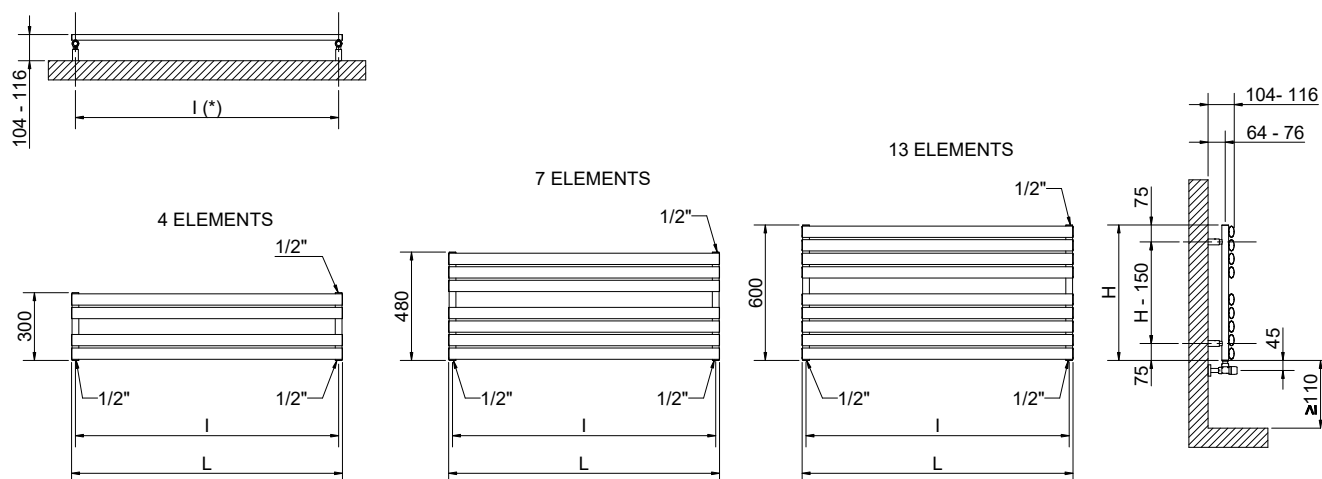


Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored



Thermostatic head
Kristal TC
fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

SAMIRA WIDE

Height	Width	Pipe Centres	Art. nr.	Price [€]			Thermal output						
							Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
300	1000	970	3601626100100	335,00	435,00	485,00	5,30	0,54	4,26	299	164	1,1718	-
	1200	1170	3601626100101	341,00	441,00	491,00	6,20	0,63	5,00	358	197	1,1718	-
	1400	1370	3601626100102	349,00	449,00	499,00	7,10	0,72	5,80	418	230	1,1718	-
480	1000	970	3601626100103	381,00	481,00	531,00	9,10	0,93	7,40	507	276	1,1899	500
	1200	1170	3601626100104	390,00	490,00	540,00	10,70	1,10	8,80	608	331	1,1899	500
	1400	1370	3601626100105	408,00	508,00	558,00	12,20	1,26	10,20	710	387	1,1899	500
600	1000	970	3601626100106	431,00	531,00	581,00	11,70	1,20	9,50	637	345	1,2006	600
	1200	1170	3601626100107	449,00	549,00	599,00	13,70	1,40	11,27	764	414	1,2006	700
	1400	1370	3601626100108	482,00	582,00	632,00	15,70	1,60	13,00	892	483	1,2006	700

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$



Color: F49 New light coral

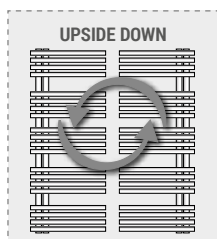
FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G



MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- Ø 38 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 126)
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

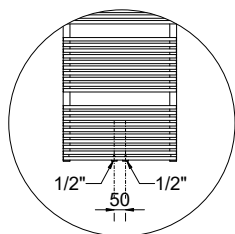


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

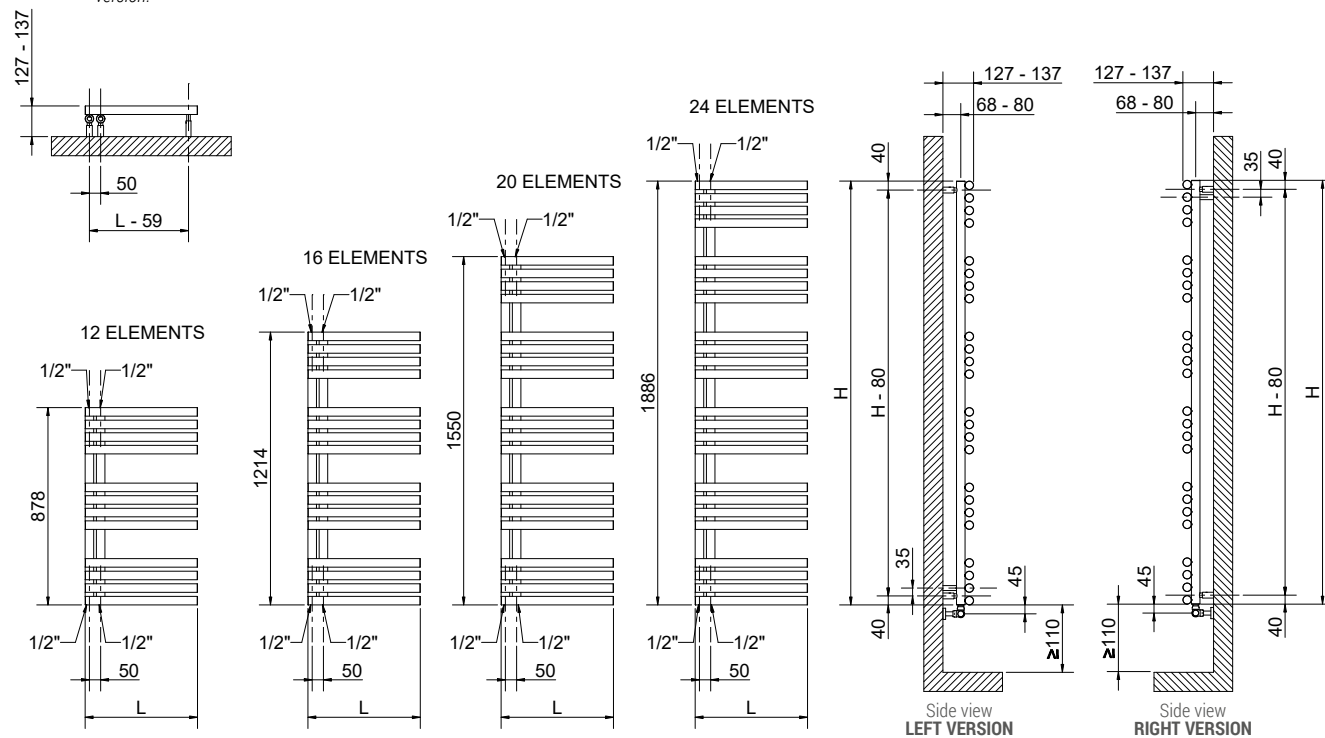


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



Quotes for Kristal valves

FEDERICA

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
										Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
878	500	50	3551726100050	466,00	566,00	616,00	9,9	0,926	7,3	444	238	1,2198	400
	600	50	3551726100051	481,00	581,00	631,00	11,4	1,069	8,5	523	280	1,2204	500
1214	500	50	3551726100052	511,00	611,00	661,00	13,2	1,245	10,2	599	325	1,1963	600
	600	50	3551726100053	525,00	625,00	675,00	15	1,436	11,4	680	366	1,2137	700
1550	500	50	3551726100054	561,00	661,00	711,00	16,4	1,564	12,6	732	390	1,2344	700
	600	50	3551726100055	575,00	675,00	725,00	18,7	1,803	15	851	460	1,2040	700
1886	500	50	3551726100056	608,00	708,00	758,00	19,7	1,883	15,1	900	474	1,2551	900
	600	50	3551726100057	634,00	734,00	784,00	22,2	2,169	17,5	1041	557	1,2249	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$



NEW



Color: F50 Highland

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- Ø 38 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

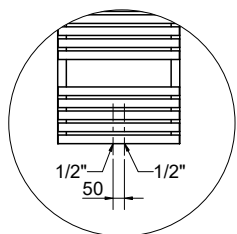


Total Color, Kristal valve, angled pipe centres 50 mm Right or Left with thermostatic option, colored

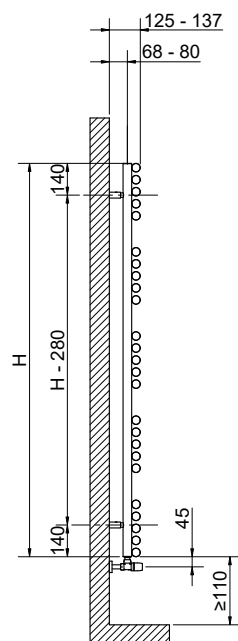
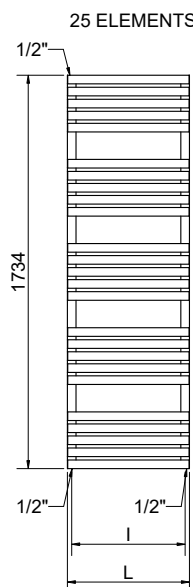
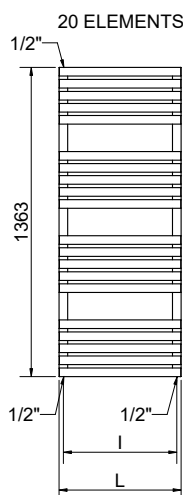
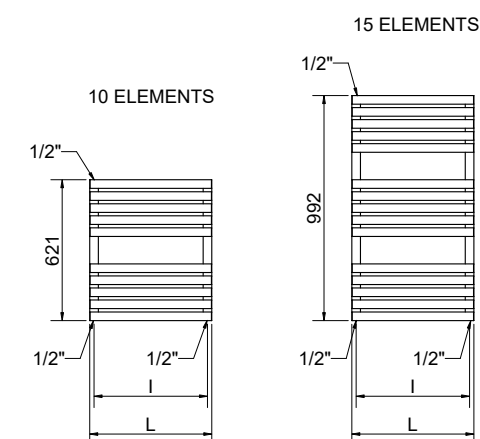
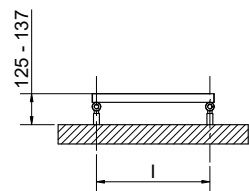


Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



Quotes for Kristal valves

FABIANA

				PIPE CENTRES 50 mm				Thermal output									
Height	Width	Pipe Centres	Art. nr.	Price [€]			Art. nr.	Price [€]			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
																	
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
621	438	400	3551850150001	380,00	480,00	530,00	3551850151001	481,00	581,00	631,00	7,5	0,68	5,6	353	188	1,2302	300
	488	450	3551850150002	383,00	483,00	533,00	3551850151002	484,00	584,00	634,00	8,0	0,74	6,1	386	206	1,2280	300
	538	500	3551850150003	390,00	490,00	540,00	3551850151003	491,00	591,00	641,00	8,6	0,8	6,6	420	224	1,2257	400
	638	600	3551850150004	402,00	502,00	552,00	3551850151004	503,00	603,00	653,00	9,7	0,91	7,6	487	261	1,2212	400
	788	750	3551850150005	410,00	510,00	560,00	3551850151005	511,00	611,00	661,00	11,4	1,08	9,1	588	316	1,2144	500
992	438	400	3551850150006	420,00	520,00	570,00	3551850151006	521,00	621,00	671,00	11,1	1,03	8,5	524	285	1,1890	500
	488	450	3551850150007	425,00	525,00	575,00	3551850151007	526,00	626,00	676,00	11,9	1,12	9,3	572	311	1,1909	500
	538	500	3551850150008	436,00	536,00	586,00	3551850151008	537,00	637,00	687,00	12,8	1,2	10	621	338	1,1929	600
	638	600	3551850150009	448,00	548,00	598,00	3551850151009	549,00	649,00	699,00	14,4	1,38	11,5	718	390	1,1968	700
	788	750	3551850150010	456,00	556,00	606,00	3551850151010	557,00	657,00	707,00	16,9	1,64	13,7	864	468	1,2026	700
1363	438	400	3551850150011	470,00	570,00	620,00	3551850151011	571,00	671,00	721,00	14,7	1,38	11,4	697	377	1,2020	700
	488	450	3551850150012	477,00	577,00	627,00	3551850151012	578,00	678,00	728,00	15,8	1,5	12,4	761	412	1,1984	700
	538	500	3551850150013	489,00	589,00	639,00	3551850151013	590,00	690,00	740,00	17,0	1,61	13,4	825	448	1,1948	700
	638	600	3551850150014	501,00	601,00	651,00	3551850151014	602,00	702,00	752,00	19,2	1,84	15,4	953	519	1,1875	900
	788	750	3551850150015	510,00	610,00	660,00	3551850151015	611,00	711,00	761,00	22,5	2,19	18,4	1145	627	1,1767	1000
1734	438	400	3551850150016	512,00	612,00	662,00	3551850151016	613,00	713,00	763,00	18,2	1,73	14,3	889	475	1,2263	700
	488	450	3551850150017	523,00	623,00	673,00	3551850151017	624,00	724,00	774,00	19,6	1,88	15,6	962	516	1,2181	900
	538	500	3551850150018	538,00	638,00	688,00	3551850151018	639,00	739,00	789,00	21,0	2,02	16,8	1035	558	1,2098	1000
	638	600	3551850150019	549,00	649,00	699,00	3551850151019	650,00	750,00	800,00	23,8	2,31	19,3	1180	642	1,1934	1000
	788	750	3551850150020	563,00	663,00	713,00	3551850151020	664,00	764,00	814,00	28,0	2,74	23,1	1399	770	1,1688	1200

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: desired output = output at ΔT 50 x (Desired Δt/50)*n



ELECTRIC & BLOWER Radiators

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TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



Color: RAL 9010 - R01 White

FEATURES

Class protection: CLASS 2

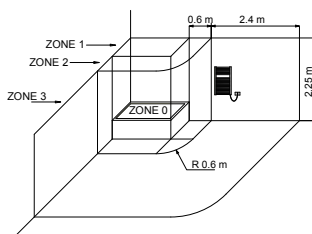
Minimum ingress protection: IP 22

Wire length: 1200 mm with Schuko plug

Power supply: 230Vac 50Hz

Seasonal energy efficiency η_s : 51,6%

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.
- Heat transfer fluid.

FIXING KIT:

Universal rapid safety kit and user notice included.
The fixing kit is compliant with VDI 6036 norm, class 3.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

Available only in standard white color RAL 9010 - R01.

CERTIFICATES



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

INCLUDED



Universal rapid safety kit

Pair of wall ties fixing kit
color white

AVAILABLE ACCESSORIES



Kit 2 hooks

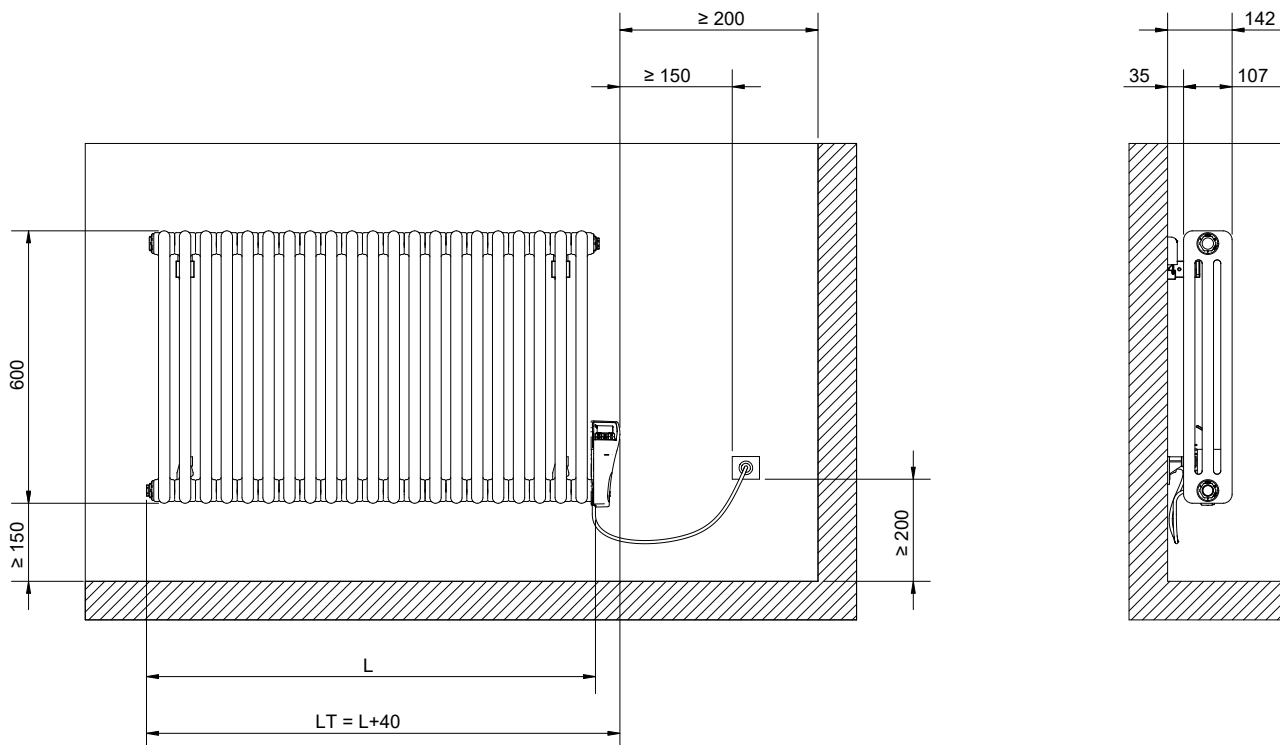
- WHITE
- CHROMED



Infrared remote control

Remote control of digital
chrono-thermostat functioning.

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



ARDESIA® ELECTRIC

Height	Width	Elements	Columns	Art. nr.	Price [€]	Output	Weight
[mm]	L [mm]	N°	N°	R01 White	R01 White	[Watt]	[Kg]
600	338	7	3	3586706100001	623,00	400	16
	384	8	3	3586706100002	636,00	500	18
	568	12	3	3586706100003	731,00	750	27
	614	13	3	3586706100004	772,00	900	30
	706	15	3	3586706100005	808,00	1000	34
	798	17	3	3586706100006	868,00	1200	39
	982	21	3	3586706100007	971,00	1500	48
	1120	24	3	3586706100008	1.085,00	2000	55

Art. nr. and price are referred to color R01 White

PROGRAMMABLE DIGITAL THERMOSTAT WITH DAILY AND WEEKLY FUNCTION

COMFORT MODE:

Main function used to maintain the comfort temperature

NIGHT MODE:

Function to maintain an appropriate temperature at night

ANTIFREEZE MODE:

Function that ensures the antifreeze protection of the radiator when the ambient temperature falls below 7 °C

CHRONO MODE:

Functioning according to an operating program set by the user

ECO MODE:

Energy saving function that lowers the temperature of all the settings of the radiator by 3 °C

VACATION MODE:

Function that excludes all the programming and user settings, except the anti-

freeze safety, for a period of time set by the user

CHILD SAFETY AND KEY LOCK:

Function that protects the appliance from improper or involuntary actions and settings

ASC ADAPTIVE SELF-LEARNING SYSTEM:

According to an adaptive self-learning algorithm, this function provides for reaching the desired room temperature at the times set by the user.

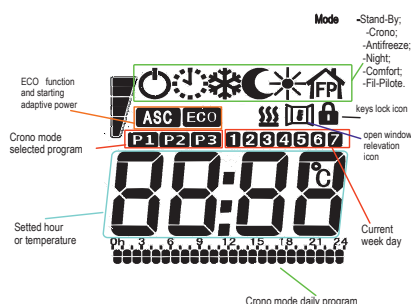
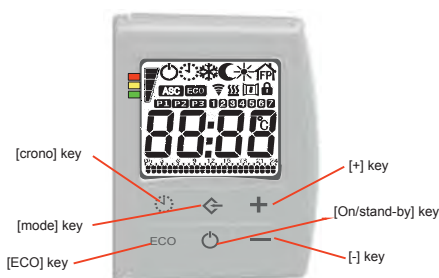
OPEN WINDOW DETECTION SYSTEM:

Function that provides for the deactivation of the radiator, for a maximum of 30 minutes, if the opening of a window in the room is detected

CONSUMPTION INDICATOR

The consumption indicator indicates the electric absorption level and therefore the consumption of the appliance, helping the user to define the ideal operating mode of the radiator in an energy saving perspective.

Class	Class II
Class protection IP	IP22
Thermostat color	White
Wire color	White
Functions	Comfort; Night; Antifreeze; Stand-by; Chrono; Eco; Holiday; ASC adaptive self-learning system; open window detection; Child safety.
Range of settable temperatures	7 ÷ 32 °C
Power supply	230 Vac ~ 50Hz
Wire length	900 mm with Schuko plug



CLAUDIA®

ELECTRIC

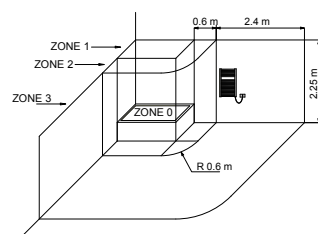


Color: F45 Sage green

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

MATERIAL:

- 30x40 mm vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

AVAILABLE ACCESSORIES

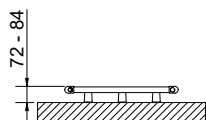


Towel bar in painted mild steel

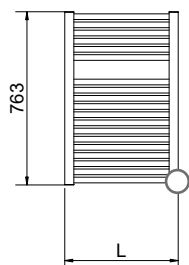


Kit 2 colored hooks

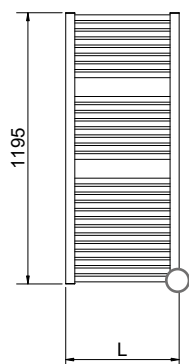
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



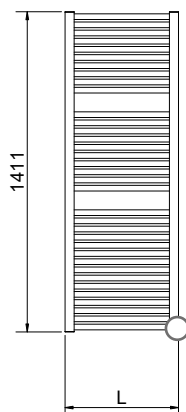
19 ELEMENTS



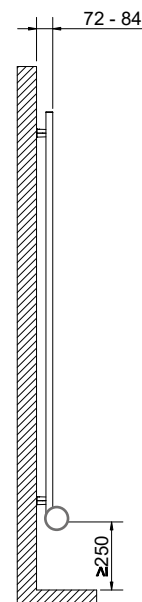
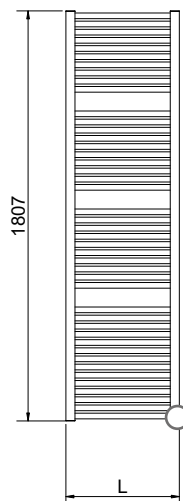
29 ELEMENTS



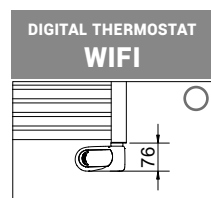
35 ELEMENTS



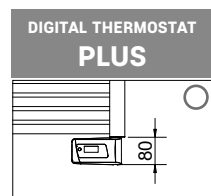
44 ELEMENTS



○ The total height has to be calculated considering the thermostat height

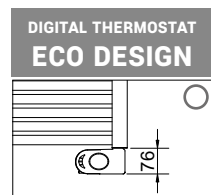


Technical specification of the WiFi thermostat, see our range of digital thermostats



REMOTE CONTROL INCLUDED

Technical specification of the PLUS thermostat, see our range of digital thermostats



Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

CLAUDIA® ELECTRIC WIFI

NEW MEASURES

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
763	400	3581356100176	469,00	569,00	619,00	400	11
	500	3581356100203	470,00	570,00	620,00	500	13
	600	3581356100193	485,00	585,00	635,00	600	15
1195	400	3581356100177	518,00	618,00	668,00	600	16
	450	3581356100179	530,00	630,00	680,00	600	17
	500	3581356100181	536,00	636,00	686,00	700	19
1411	600	3581356100194	551,00	651,00	701,00	900	21
	400	3581356100178	549,00	649,00	699,00	700	19
	500	3581356100182	559,00	659,00	709,00	900	22
1807	600	3581356100195	570,00	670,00	720,00	900	25
	400	3581356100196	579,00	679,00	729,00	900	23
	500	3581356100183	609,00	709,00	759,00	900	27
	600	3581356100184	661,00	761,00	811,00	1200	31

CLAUDIA® ELECTRIC PLUS

NEW MEASURES

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
763	400	3581356100166	406,00	506,00	556,00	400	11
	500	3581356100202	407,00	507,00	557,00	500	13
	600	3581356100197	422,00	522,00	572,00	600	15
1195	400	3581356100167	455,00	555,00	605,00	600	16
	450	3581356100161	467,00	567,00	617,00	600	17
	500	3581356100162	473,00	573,00	623,00	700	19
1411	600	3581356100198	488,00	588,00	638,00	900	21
	400	3581356100168	486,00	586,00	636,00	700	19
	500	3581356100163	496,00	596,00	646,00	900	22
1807	600	3581356100199	507,00	607,00	657,00	900	25
	400	3581356100200	516,00	616,00	666,00	900	23
	500	3581356100164	546,00	646,00	696,00	900	27
	600	3581356100165	598,00	698,00	748,00	1200	31

CLAUDIA® ELECTRIC ECO DESIGN

NEW MEASURES

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
763	400	3581356100097	348,00	448,00	498,00	400	11
	500	3581356100201	349,00	449,00	499,00	500	13
	600	3581356100189	364,00	464,00	514,00	600	15
1195	400	3581356100098	397,00	497,00	547,00	600	16
	450	3581356100092	409,00	509,00	559,00	600	17
	500	3581356100093	415,00	515,00	565,00	700	19
1411	600	3581356100190	430,00	530,00	580,00	900	21
	400	3581356100099	428,00	528,00	578,00	700	19
	500	3581356100094	438,00	538,00	588,00	900	22
1807	600	3581356100191	449,00	549,00	599,00	900	25
	400	3581356100192	458,00	558,00	608,00	900	23
	500	3581356100095	488,00	588,00	638,00	900	27
	600	3581356100096	540,00	640,00	690,00	1200	31

The codes shown in the table refer to the R01 White color models

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

NAIKE ST

ELECTRIC



NEW

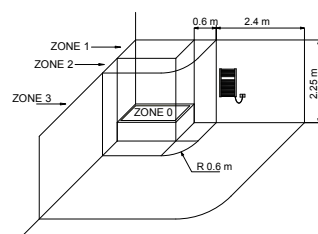


Color: F34 Red sand

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with PLUS digital thermostat)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- 30x30 mm collectors in painted mild steel.
- 15x20 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

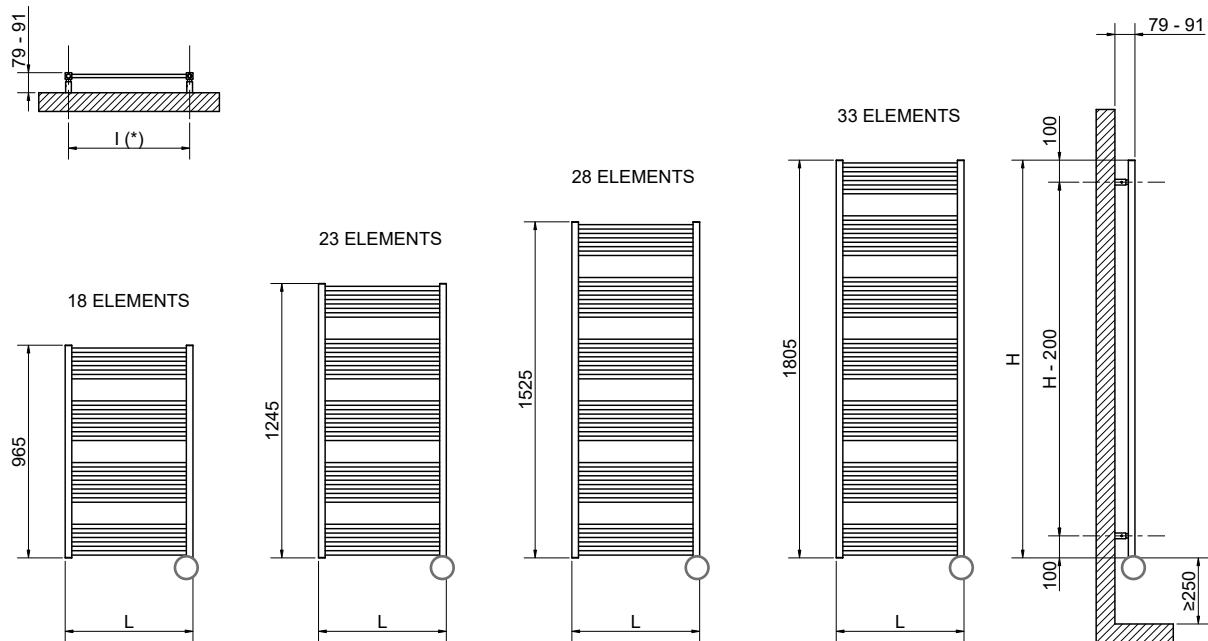
ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



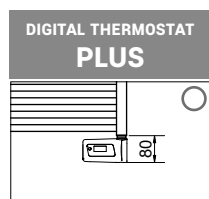
Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

○ The total height has to be calculated considering the thermostat height

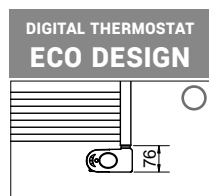


REMOTE CONTROL
INCLUDED

NAIKE ST ELECTRIC PLUS

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
965	580	550	3581826100018	507,00	607,00	657,00	500	10,5
1245	580	550	3581826100019	628,00	728,00	778,00	600	13,1
1525	580	550	3581826100020	764,00	864,00	914,00	700	16,2
1805	580	550	3581826100021	893,00	993,00	1.043,00	900	18,7

Technical specification of the PLUS thermostat, see our range of digital thermostats



NAIKE ST ELECTRIC ECO DESIGN

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
965	580	550	3581826100014	449,00	549,00	599,00	500	10,5
1245	580	550	3581826100015	570,00	670,00	720,00	600	13,1
1525	580	550	3581826100016	706,00	806,00	856,00	700	16,2
1805	580	550	3581826100017	835,00	935,00	985,00	900	18,7

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

LUCY 18

ELECTRIC

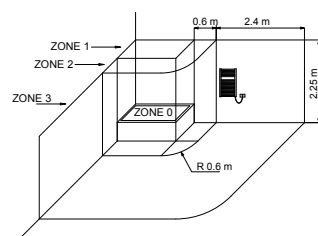


Color: RAL 9010 - R01 White

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

AVAILABLE ACCESSORIES

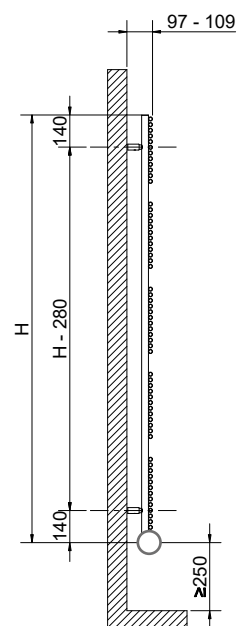
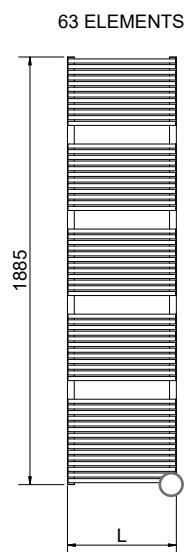
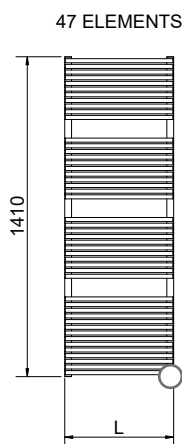
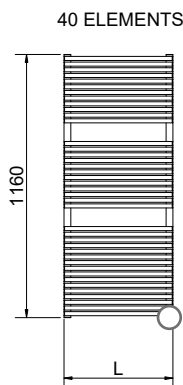
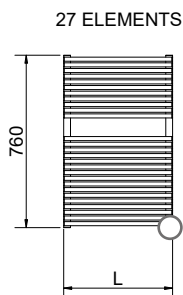
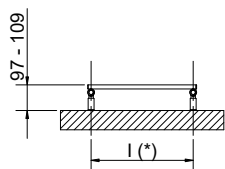


Kit 2 colored hooks



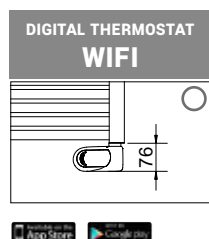
Towel bar in painted mild steel

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

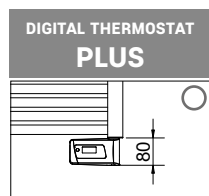
○ The total height has to be calculated considering the thermostat height



LUCY 18 ELECTRIC WIFI

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
760	480	450	3581406100248	635,00	735,00	785,00	500	14
1160	480	450	3581406100249	730,00	830,00	880,00	700	22
1410	480	450	3581406100250	794,00	894,00	944,00	900	26
1885	480	450	3581406100251	954,00	1.054,00	1.104,00	1200	30

Technical specification of the WiFi thermostat, see our range of digital thermostats

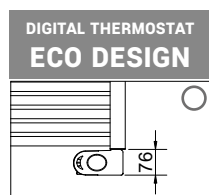


REMOTE CONTROL INCLUDED

LUCY 18 ELECTRIC PLUS

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
760	480	450	3581406100240	572,00	672,00	722,00	500	14
1160	480	450	3581406100241	667,00	767,00	817,00	700	22
1410	480	450	3581406100242	731,00	831,00	881,00	900	26
1885	480	450	3581406100243	891,00	991,00	1.041,00	1200	30

Technical specification of the PLUS thermostat, see our range of digital thermostats



LUCY 18 ELECTRIC ECO DESIGN

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
760	480	450	3581406100230	514,00	614,00	664,00	500	14
1160	480	450	3581406100231	609,00	709,00	759,00	700	22
1410	480	450	3581406100232	674,00	774,00	824,00	900	26
1885	480	450	3581406100233	833,00	933,00	983,00	1200	30

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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TECHNICAL SUPPORT

GLORIA 22

ELECTRIC

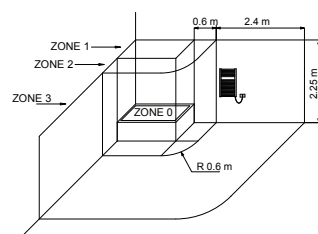


Color: RAL 9005 - R13 Nero

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions. The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

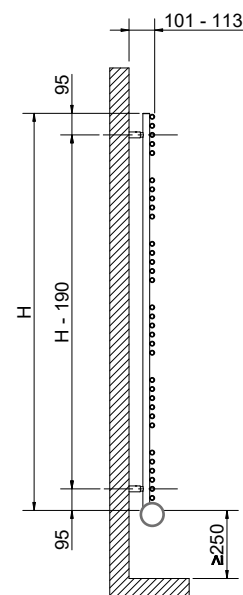
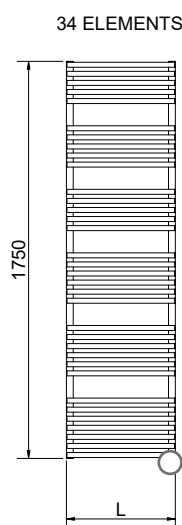
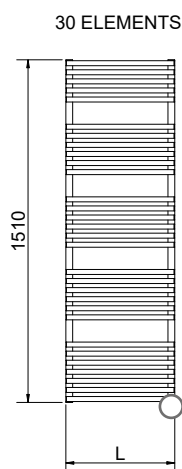
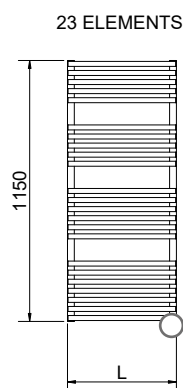
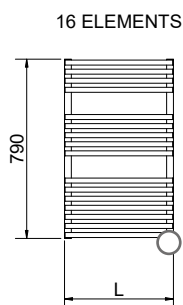
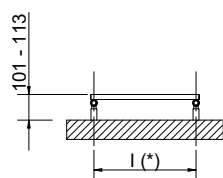
ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



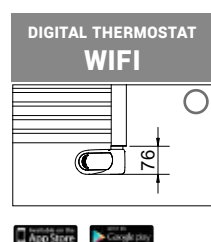
Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

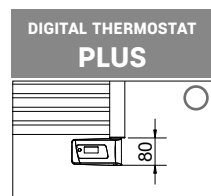
○ The total height has to be calculated considering the thermostat height



GLORIA 22 ELECTRIC WIFI

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
790	430	400	3581666100036	591,00	691,00	741,00	400	10
1150	580	550	3581666100037	689,00	789,00	839,00	700	17
1500	580	550	3581666100038	733,00	833,00	883,00	900	22
1750	580	550	3581666100039	811,00	911,00	961,00	1200	25

Technical specification of the WiFi thermostat, see our range of digital thermostats

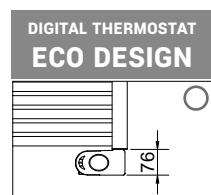


REMOTE CONTROL INCLUDED

GLORIA 22 ELECTRIC PLUS

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
790	430	400	3581666100040	528,00	628,00	678,00	400	10
1150	580	550	3581666100041	626,00	726,00	776,00	700	17
1500	580	550	3581666100042	670,00	770,00	820,00	900	22
1750	580	550	3581666100043	748,00	848,00	898,00	1200	25

Technical specification of the PLUS thermostat, see our range of digital thermostats



GLORIA 22 ELECTRIC ECO DESIGN

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	●	●		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
790	430	400	3581666100011	470,00	570,00	620,00	400	10
1150	580	550	3581666100012	569,00	669,00	719,00	700	17
1500	580	550	3581666100013	613,00	713,00	763,00	900	22
1750	580	550	3581666100014	690,00	790,00	840,00	1200	25

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

DORY

ELECTRIC

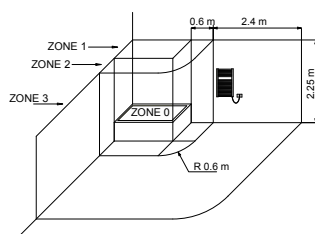


Color: F23 Sparkling grey

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions. The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

AVAILABLE ACCESSORIES

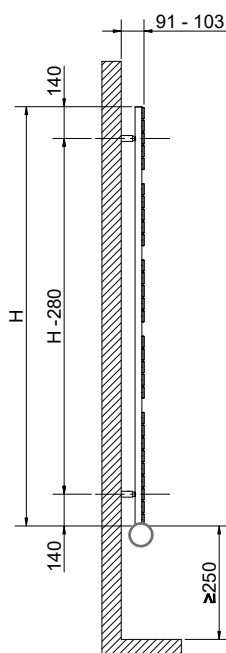
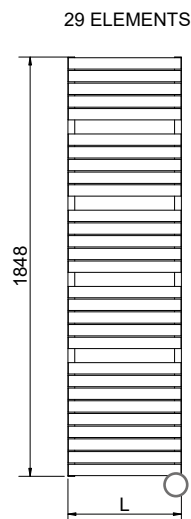
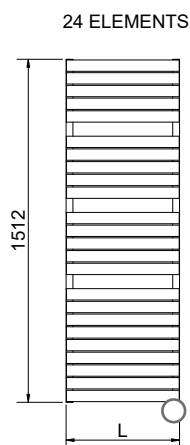
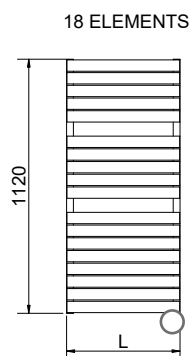
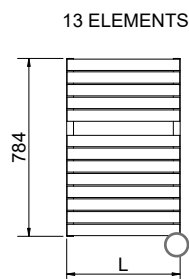
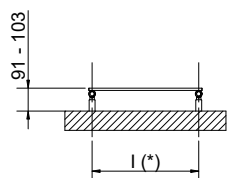


Kit 2 colored hooks



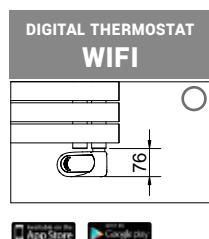
Towel bar in painted mild steel

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

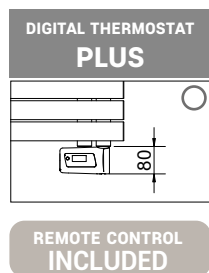
○ The total height has to be calculated considering the thermostat height



DORY ELECTRIC WIFI

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	○	○		
[mm]	L [mm]	l [mm] (*)	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
784	500	470	3581426100329	677,00	777,00	827,00	500	15
1120	500	470	3581426100330	770,00	870,00	920,00	700	21
1512	500	470	3581426100331	880,00	980,00	1.030,00	900	28
1848	600	570	3581426100332	1.006,00	1.106,00	1.156,00	1200	38

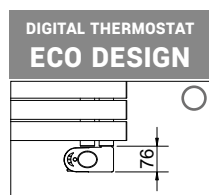
Technical specification of the WiFi thermostat, see our range of digital thermostats



DORY ELECTRIC PLUS

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	○	○		
[mm]	L [mm]	l [mm] (*)	R01 White	White R01	Color CLASSIC	Color SPECIAL	[Watt]	[Kg]
784	500	470	3581426100640	580,00	680,00	730,00	500	15
1120	500	470	3581426100641	672,00	772,00	822,00	700	21
1512	500	470	3581426100642	782,00	882,00	932,00	900	28
1848	600	570	3581426100643	908,00	1.008,00	1.058,00	1200	38

Technical specification of the PLUS thermostat, see our range of digital thermostats



DORY ELECTRIC ECO DESIGN

Height	Width	Fixing kit center distance	Art. nr.	Price [€]			Output	Weight
				○	○	○		
[mm]	L [mm]	l [mm] (*)	R01 White	White R01	Color CLASSIC	Color SPECIAL	[Watt]	[Kg]
784	500	470	3581426100301	522,00	622,00	672,00	500	15
1120	500	470	3581426100302	614,00	714,00	764,00	700	21
1512	500	470	3581426100303	724,00	824,00	874,00	900	28
1848	600	570	3581426100304	850,00	950,00	1.000,00	1200	38

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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TECHNICAL SUPPORT

KELLY 5010 DX

ELECTRIC

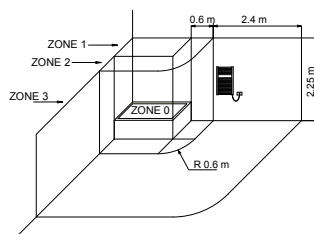


Color: RAL 1013 - R40 Pearl white

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions. The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

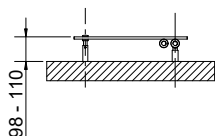
ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.

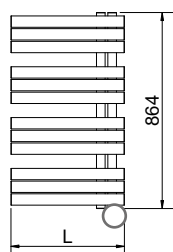


Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

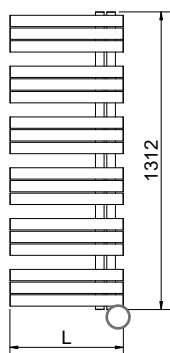
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



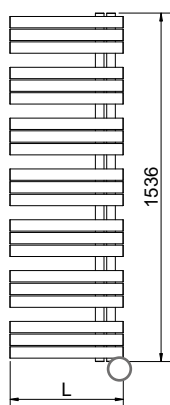
12 ELEMENTS



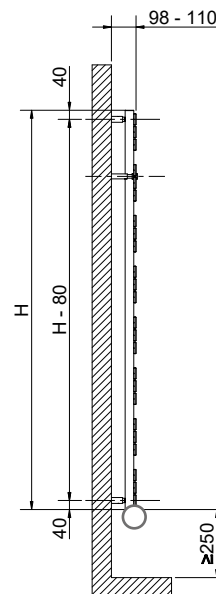
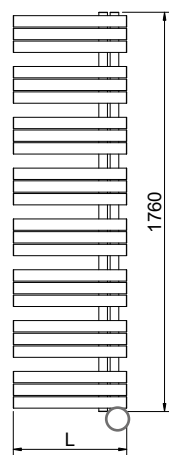
18 ELEMENTS



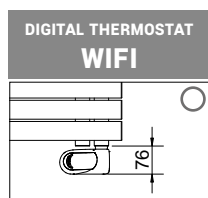
21 ELEMENTS



24 ELEMENTS



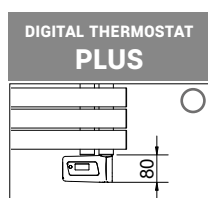
○ The total height has to be calculated considering the thermostat height



KELLY 5010 DX ELECTRIC WIFI

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100222	702,00	802,00	852,00	500	13
	600	3581726100223	724,00	824,00	874,00	600	15
1312	500	3581726100224	811,00	911,00	961,00	700	19
1536	500	3581726100226	893,00	993,00	1.043,00	900	23
1760	600	3581726100229	960,00	1.060,00	1.110,00	1200	26

Technical specification of the WiFi thermostat, see our range of digital thermostats

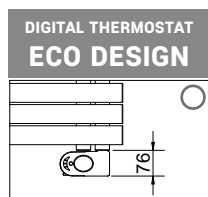


REMOTE CONTROL INCLUDED

KELLY 5010 DX ELECTRIC PLUS

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100190	639,00	739,00	789,00	500	13
	600	3581726100191	661,00	761,00	811,00	600	15
1312	500	3581726100192	748,00	848,00	898,00	700	19
1536	500	3581726100194	830,00	930,00	980,00	900	23
1760	600	3581726100197	897,00	997,00	1.047,00	1200	26

Technical specification of the PLUS thermostat, see our range of digital thermostats



KELLY 5010 DX ELECTRIC ECO DESIGN

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100171	581,00	681,00	731,00	500	13
	600	3581726100172	603,00	703,00	753,00	600	15
1312	500	3581726100173	690,00	790,00	840,00	700	19
1536	500	3581726100175	772,00	872,00	922,00	900	23
1760	600	3581726100178	839,00	939,00	989,00	1200	26

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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KELLY 5010 SX

ELECTRIC

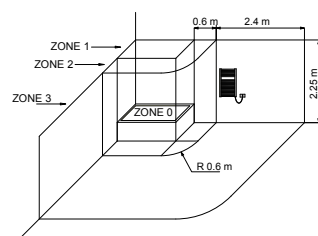


Color: F06 Metal rough black

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire lenght: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

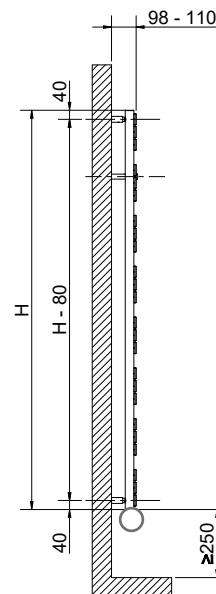
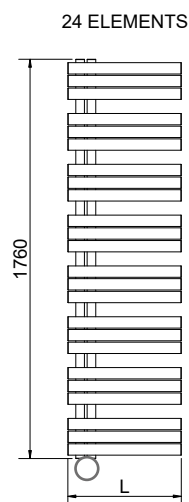
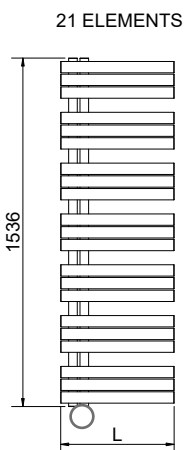
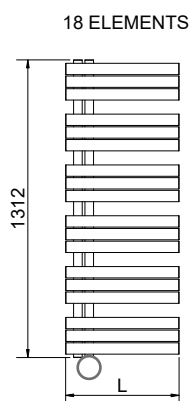
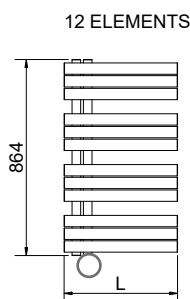
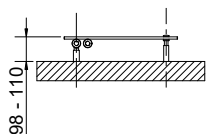
- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

ECO DESIGN version:

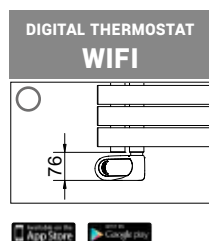
- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).



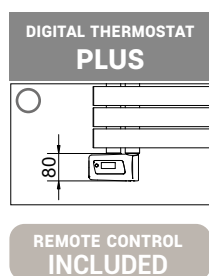
○ The total height has to be calculated considering the thermostat height



KELLY 5010 SX ELECTRIC WIFI

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100230	702,00	802,00	852,00	500	13
	600	3581726100231	724,00	824,00	874,00	600	15
1312	500	3581726100232	811,00	911,00	961,00	700	19
1536	500	3581726100234	893,00	993,00	1.043,00	900	23
1760	600	3581726100237	960,00	1.060,00	1.110,00	1200	26

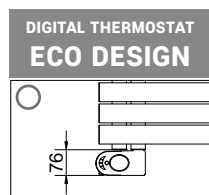
Technical specification of the WiFi thermostat, see our range of digital thermostats



KELLY 5010 SX ELECTRIC PLUS

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100198	639,00	739,00	789,00	500	13
	600	3581726100199	661,00	761,00	811,00	600	15
1312	500	3581726100200	748,00	848,00	898,00	700	19
1536	500	3581726100202	830,00	930,00	980,00	900	23
1760	600	3581726100205	897,00	997,00	1.047,00	1200	26

Technical specification of the PLUS thermostat, see our range of digital thermostats



KELLY 5010 SX ELECTRIC ECO DESIGN

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
864	500	3581726100181	581,00	681,00	731,00	500	13
	600	3581726100182	603,00	703,00	753,00	600	15
1312	500	3581726100183	690,00	790,00	840,00	700	19
1536	500	3581726100185	772,00	872,00	922,00	900	23
1760	600	3581726100188	839,00	939,00	989,00	1200	26

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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FEDERICA DX

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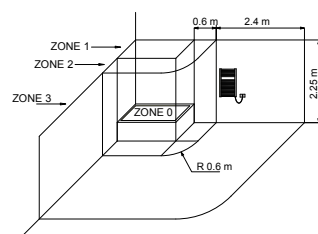
 EUROPEAN WARRANTY



FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- Ø 38 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions. The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

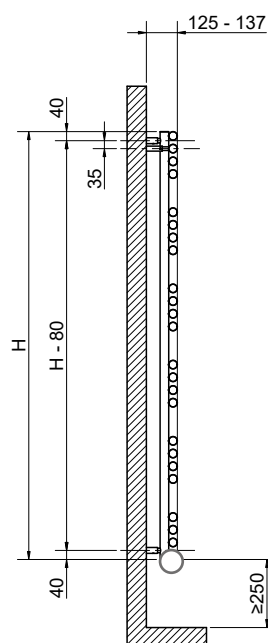
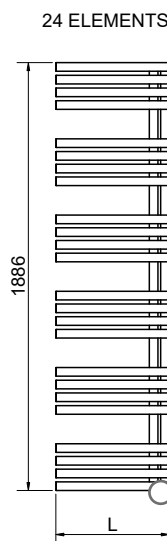
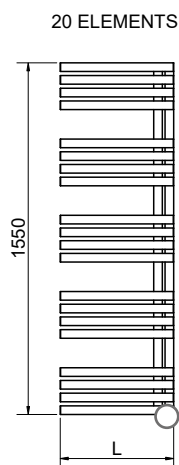
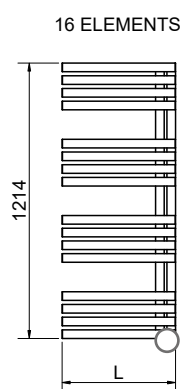
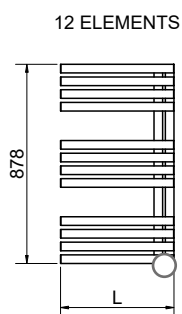
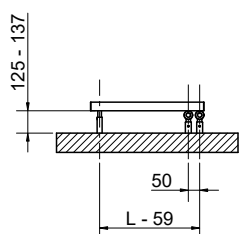
ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.

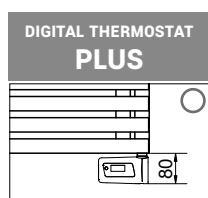
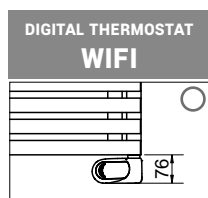


Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

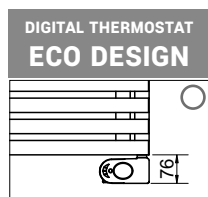
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



○ The total height has to be calculated considering the thermostat height



REMOTE CONTROL
INCLUDED



FEDERICA DX ELECTRIC WIFI

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	○		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100086	759,00	859,00	909,00	400	10,4
	600	3581726100087	774,00	874,00	924,00	500	11,9
1214	500	3581726100088	816,00	916,00	966,00	600	13,7
	600	3581726100089	830,00	930,00	980,00	700	15,5
1550	500	3581726100090	871,00	971,00	1.021,00	700	16,9
	600	3581726100091	885,00	985,00	1.035,00	700	19,2
1886	500	3581726100092	901,00	1.001,00	1.051,00	900	20,3
	600	3581726100093	942,00	1.042,00	1.092,00	1000	22,8

Technical specification of the WiFi thermostat, see our range of digital thermostats

FEDERICA DX ELECTRIC PLUS

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	○		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100078	696,00	796,00	846,00	400	10,4
	600	3581726100079	711,00	811,00	861,00	500	11,9
1214	500	3581726100080	753,00	853,00	903,00	600	13,7
	600	3581726100081	767,00	867,00	917,00	700	15,5
1550	500	3581726100082	808,00	908,00	958,00	700	16,9
	600	3581726100083	822,00	922,00	972,00	700	19,2
1886	500	3581726100084	838,00	938,00	988,00	900	20,3
	600	3581726100085	879,00	979,00	1.029,00	1000	22,8

Technical specification of the PLUS thermostat, see our range of digital thermostats

FEDERICA DX ELECTRIC ECO DESIGN

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	○		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100070	638,00	738,00	788,00	400	10,4
	600	3581726100071	653,00	753,00	803,00	500	11,9
1214	500	3581726100072	695,00	795,00	845,00	600	13,7
	600	3581726100073	709,00	809,00	859,00	700	15,5
1550	500	3581726100074	750,00	850,00	900,00	700	16,9
	600	3581726100075	764,00	864,00	914,00	700	19,2
1886	500	3581726100076	780,00	880,00	930,00	900	20,3
	600	3581726100077	821,00	921,00	971,00	1000	22,8

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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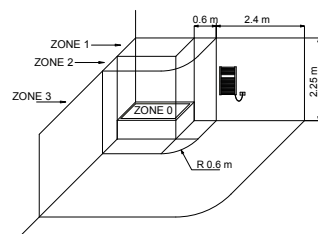


Color: T01 Matt black

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat or PLUS)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 49,5% (with PLUS digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

INCLUDED



Remote control of PLUS digital chrono-thermostat

Remote control of PLUS digital chrono-thermostat functioning

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- Ø 38 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

CERTIFICATES



ELECTRICAL ONLY

- ☒ With WiFi digital thermostat
- ☒ With PLUS digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

WiFi version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- CHROMED on all other colors.

PLUS version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- DARK GREY on all other colors.

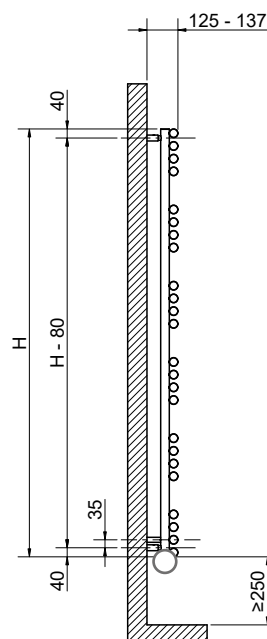
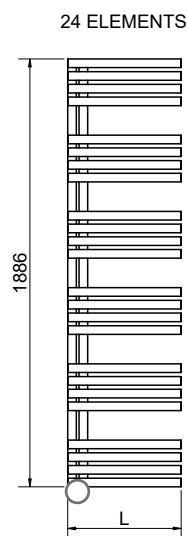
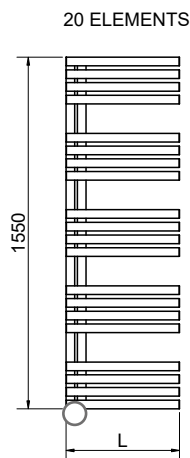
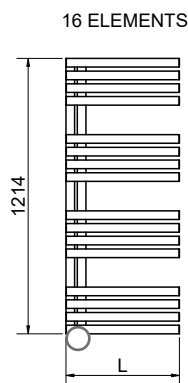
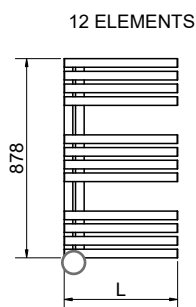
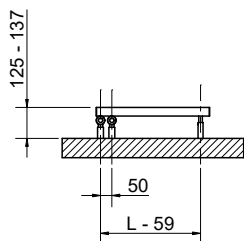
ECO DESIGN version:

- WHITE on color radiators: R01 White, R02 Traffic White, T11 Matt White and F20 Milky;
- BLACK on color radiators: R13 Jet Black e T01 Matt Black;
- CHROMED on all other colors.

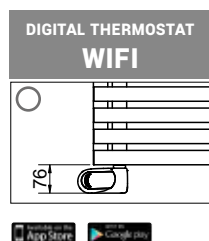


Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



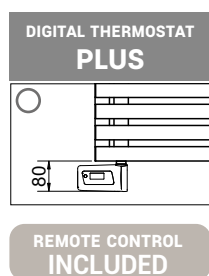
○ The total height has to be calculated considering the thermostat height



FEDERICA SX ELECTRIC WIFI

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100110	759,00	859,00	909,00	400	10,4
	600	3581726100111	774,00	874,00	924,00	500	11,9
1214	500	3581726100112	816,00	916,00	966,00	600	13,7
	600	3581726100113	830,00	930,00	980,00	700	15,5
1550	500	3581726100114	871,00	971,00	1.021,00	700	16,9
	600	3581726100115	885,00	985,00	1.035,00	700	19,2
1886	500	3581726100116	901,00	1.001,00	1.051,00	900	20,3
	600	3581726100117	942,00	1.042,00	1.092,00	1000	22,8

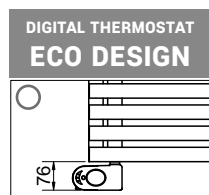
Technical specification of the WiFi thermostat, see our range of digital thermostats



FEDERICA SX ELECTRIC PLUS

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100102	696,00	796,00	846,00	400	10,4
	600	3581726100103	711,00	811,00	861,00	500	11,9
1214	500	3581726100104	753,00	853,00	903,00	600	13,7
	600	3581726100105	767,00	867,00	917,00	700	15,5
1550	500	3581726100106	808,00	908,00	958,00	700	16,9
	600	3581726100107	822,00	922,00	972,00	700	19,2
1886	500	3581726100108	838,00	938,00	988,00	900	20,3
	600	3581726100109	879,00	979,00	1.029,00	1000	22,8

Technical specification of the PLUS thermostat, see our range of digital thermostats



FEDERICA SX ELECTRIC ECO DESIGN

Height	Width	Art. nr.	Price [€]			Output	Weight
			○	●	●		
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Kg]
878	500	3581726100094	638,00	738,00	788,00	400	10,4
	600	3581726100095	653,00	753,00	803,00	500	11,9
1214	500	3581726100096	695,00	795,00	845,00	600	13,7
	600	3581726100097	709,00	809,00	859,00	700	15,5
1550	500	3581726100098	750,00	850,00	900,00	700	16,9
	600	3581726100099	764,00	864,00	914,00	700	19,2
1886	500	3581726100100	780,00	880,00	930,00	900	20,3
	600	3581726100101	821,00	921,00	971,00	1000	22,8

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

The codes shown in the table refer to the R01 White color models

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STAINLESS STEEL

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TECHNICAL SUPPORT

ELEN 18

ELECTRIC - POLISHED STAINLESS STEEL

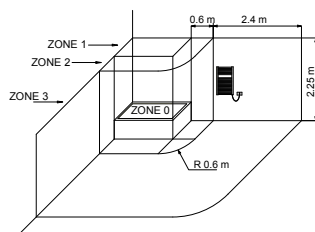


Polished stainless steel

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2. In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions. The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ With WiFi digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

- WiFi version:**
- CHROMED.
- ECO DESIGN version:**
- CHROMED.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

AVAILABLE ACCESSORIES

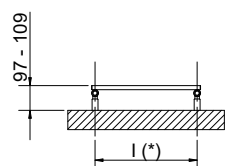


Kit 2 hooks polished stainless steel

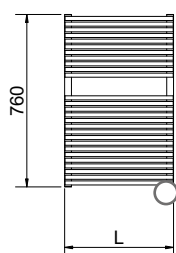


Towel bar polished stainless steel

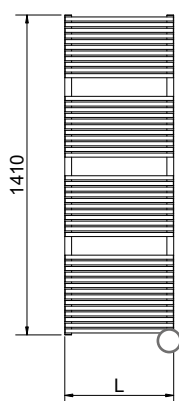
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



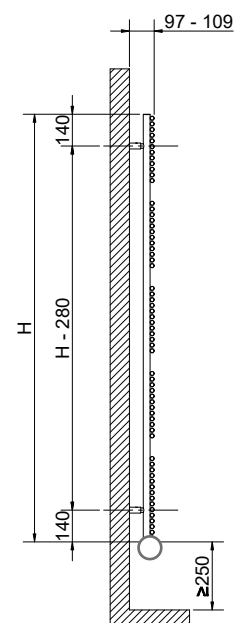
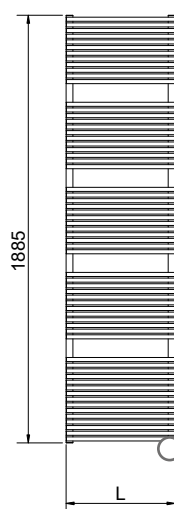
27 ELEMENTS



47 ELEMENTS

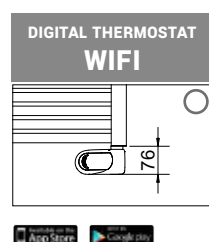


63 ELEMENTS



(*) The fixing kit has the same pipe centre (l) as the radiator

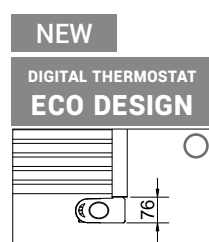
○ The total height has to be calculated considering the thermostat height



ELEN 18 ELECTRIC WIFI - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
760	480	450	3581440400053	1.148,00	300	14
1410	480	450	3581440400054	1.557,00	500	24
1885	530	500	3581440400055	1.963,00	700	32

Technical specification of the WiFi thermostat, see our range of digital thermostats



ELEN 18 ELECTRIC ECO DESIGN - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
760	480	450	3581440400056	1.078,00	300	14
1410	480	450	3581440400057	1.487,00	500	24
1885	530	500	3581440400058	1.893,00	700	32

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats



MATERIAL:

- Ø 38 mm vertical collectors in polished stainless steel.
- Ø 25 mm horizontal elements in polished stainless steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

AVAILABLE FUNCTIONS

- ☒ With WiFi digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

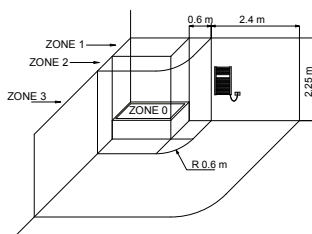
WiFi version:

- CHROMED.

ECO DESIGN version:

- CHROMED.

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

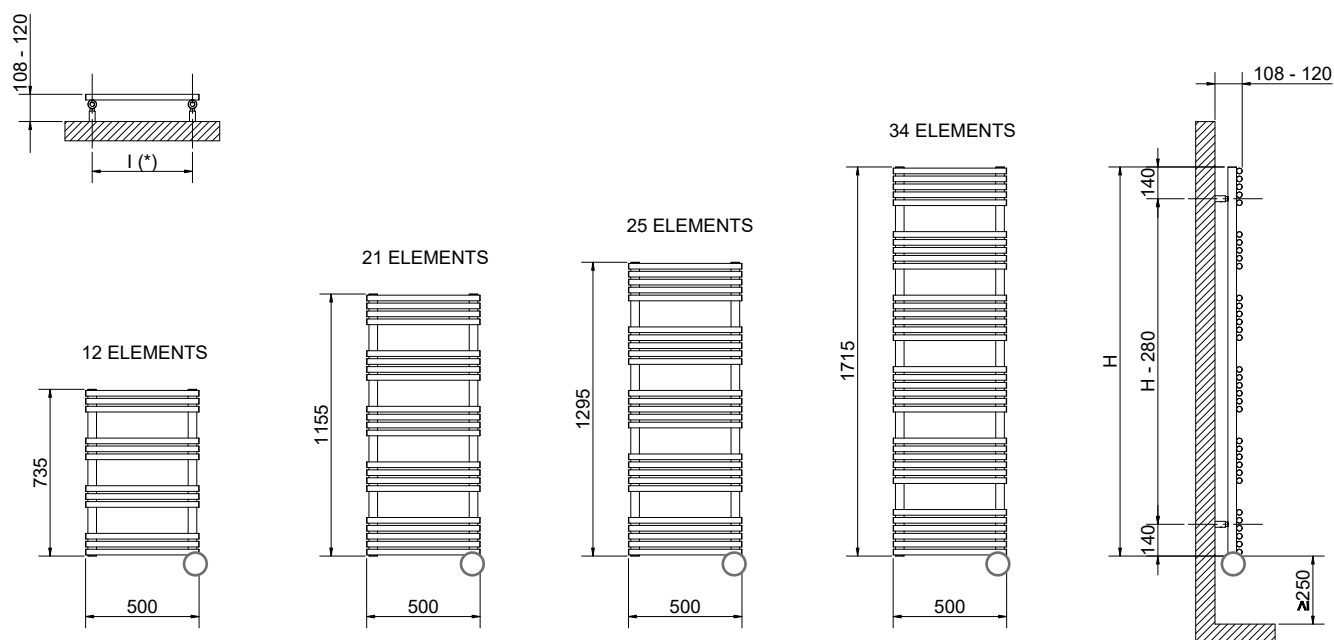
AVAILABLE ACCESSORIES



Kit 2 hooks polished stainless steel

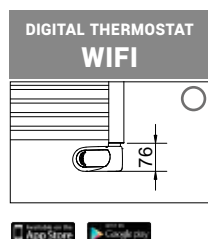


Towel bar polished stainless steel



(*) The fixing kit has the same pipe centre (l) as the radiator

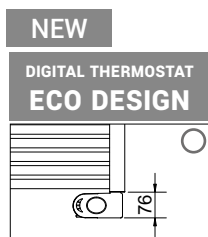
○ The total height has to be calculated considering the thermostat height



SANDY ELECTRIC WIFI - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
735	500	462	3581440402026	978,00	300	11,0
1155	500	462	3581440402027	1.238,00	400	18,0
1295	500	462	3581440402028	1.357,00	600	21,0
1715	500	462	3581440402029	1.597,00	700	28,0

Technical specification of the WiFi thermostat, see our range of digital thermostats



SANDY ELECTRIC ECO DESIGN - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
735	500	462	3581440402030	908,00	300	11,0
1155	500	462	3581440402031	1.168,00	400	18,0
1295	500	462	3581440402032	1.287,00	600	21,0
1715	500	462	3581440402033	1.527,00	700	28,0

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats



ELECTRIC - POLISHED STAINLESS STEEL

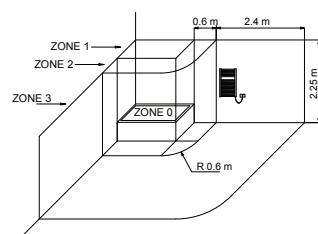


Polished stainless steel

FEATURES

- Class protection: CLASS 1
- Minimum ingress protection: IP 44
- Wire length: 1200 mm with Schuko plug
- Power supply: 230Vac 50Hz (with WiFi digital thermostat)
- Power supply: 230Vac 50/60Hz (with ECO DESIGN digital thermostat)
- Seasonal energy efficiency η_s : 51,6% (with WiFi digital thermostat)
- Seasonal energy efficiency η_s : 50,5% (with ECO DESIGN digital thermostat)

HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ With WiFi digital thermostat
- ☒ With ECO DESIGN digital thermostat

THERMOSTAT FINISH

- WiFi version:**
- CHROMED.
- ECO DESIGN version:**
- CHROMED.

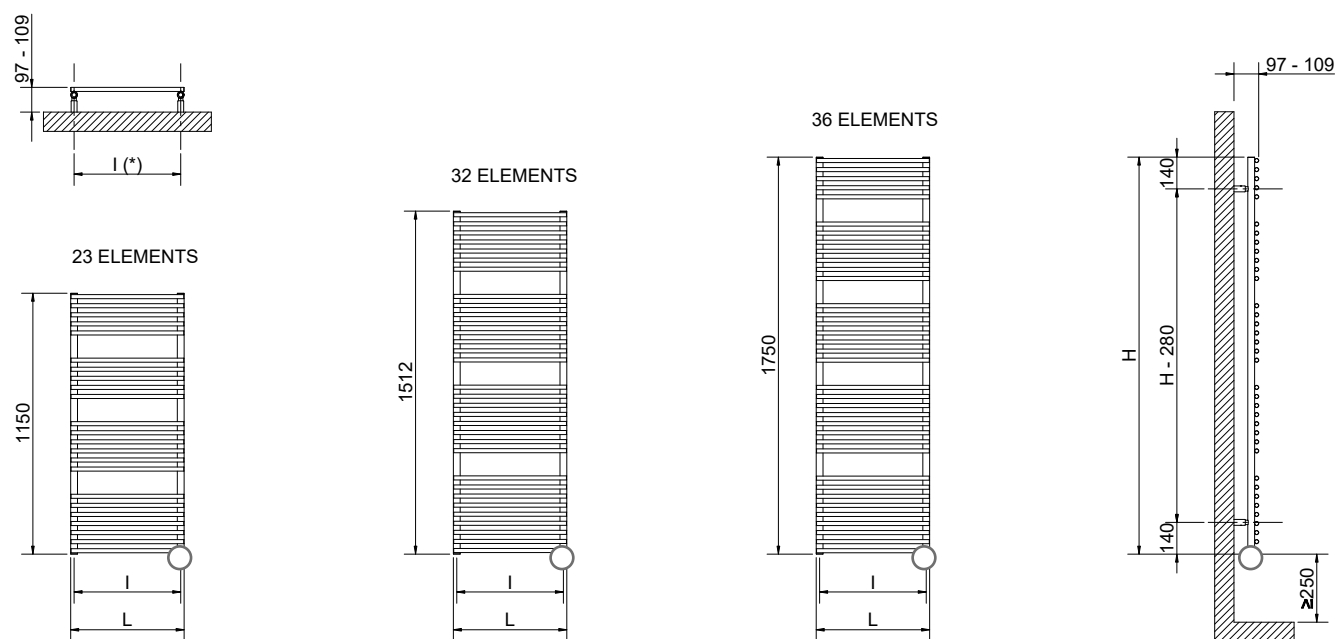


Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

AVAILABLE ACCESSORIES



Space-saving clothesline
in plexiglass and steel

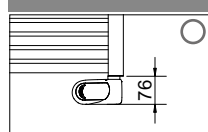


(*) The fixing kit has the same pipe centre (l) as the radiator

○ The total height has to be calculated considering the thermostat height

NEW

DIGITAL THERMOSTAT WIFI



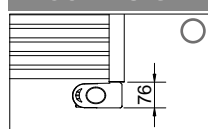
LEILA ELECTRIC WIFI - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
1150	500	470	3581560400024	1.057,00	300	13
1512	500	470	3581560400025	1.259,00	500	18
1750	500	470	3581560400026	1.367,00	600	21

Technical specification of the WiFi thermostat, see our range of digital thermostats

NEW

DIGITAL THERMOSTAT ECO DESIGN



LEILA ELECTRIC ECO DESIGN - POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
1150	500	470	3581560400021	987,00	300	13
1512	500	470	3581560400022	1.189,00	500	18
1750	500	470	3581560400023	1.297,00	600	21

Technical specification of the ECO DESIGN thermostat, see our range of digital thermostats

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

ALESSANDRA

ELECTRIC - POLISHED STAINLESS STEEL



Polished stainless steel

VERSION FOR DOMOTIC CONTROL WITH CABLE COVER

Class protection: CLASS 1

Minimum ingress protection: IP 55

Wire lenght: 1200 mm without plug

Power supply: 230Vac 50Hz

For the version with CABLE COVER it is necessary to connect the radiator to a home automation management system or with an external thermostat equipped with electronic temperature control, daily programming and stand-by electrical output consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable) in order to meet the requirements of EU Regulation 2024/1103 for electrical radiators with an output between 60 and 250W. The cable is without plug and must be connected to an ON-OFF switch (not included), a power supply disconnect (not included) and a protection device (not included) must be provided. For correct installation, consult an electrician and refer to local regulations for electrical networks.

MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- 30x10 mm horizontal elements in polished stainless steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years. The electric resistance and the cable are hidden by a polished stainless steel cable cover.

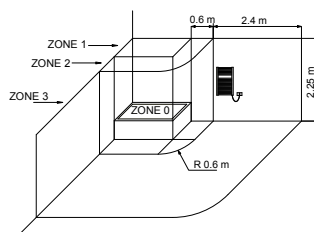
CERTIFICATES



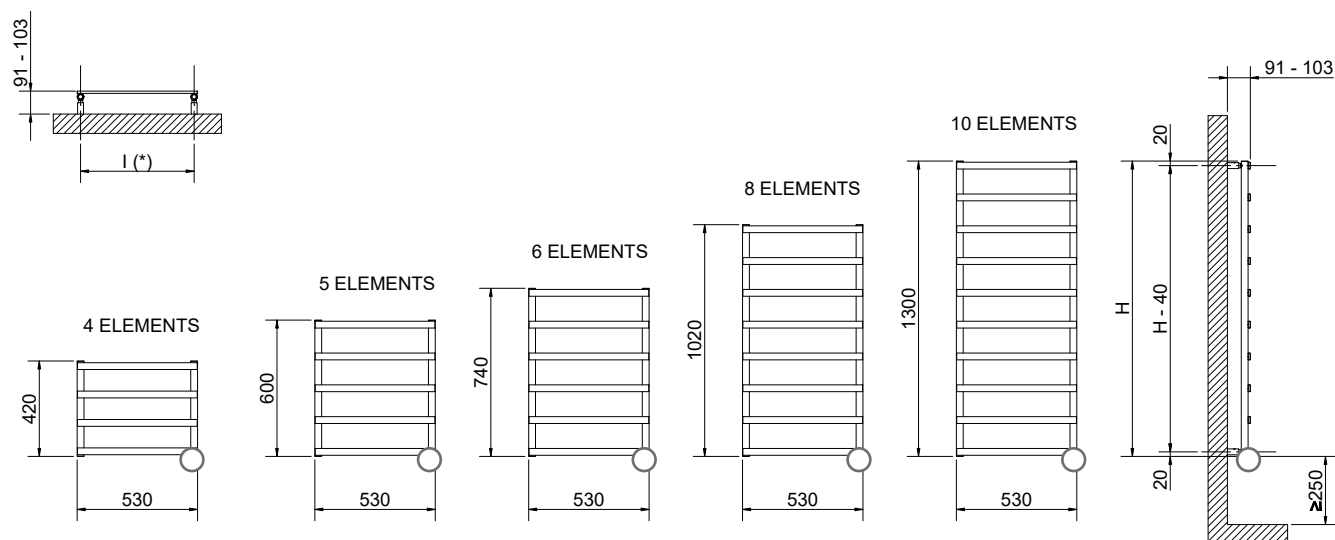
ELECTRICAL ONLY

- ☒ Electric resistance for DOMOTIC control

HOW TO PLACE ELECTRIC RADIATORS

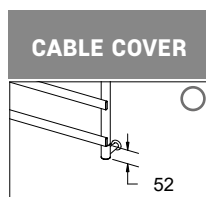


The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



(*) The fixing kit has the same pipe centre (l) as the radiator

○ The total height has to be calculated considering the height of the cable cover



ALESSANDRA ELECTRIC FOR DOMOTIC CONTROL WITH CABLE COVER POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
420	530	500	3581680400011	874,00	150	3,3
600	530	500	3581680400012	964,00	150	4,4
740	530	500	3581680400013	1.054,00	150	5,0
1020	530	500	3581680400014	1.185,00	150	5,9
1300	530	500	3581680400015	1.341,00	150	6,7



ELECTRIC - POLISHED STAINLESS STEEL



Polished stainless steel

MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 25 mm horizontal elements in polished stainless steel.
- Heat transfer fluid.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years. The electric resistance and the cable are hidden by a polished stainless steel cable cover.

CERTIFICATES



VERSION FOR DOMOTIC CONTROL WITH CABLE COVER

Class protection: CLASS 1

Minimum ingress protection: IP 55

Wire lenght: 1200 mm without plug

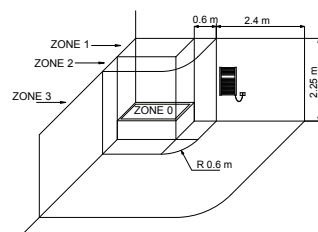
Power supply: 230Vac 50Hz

For the version with CABLE COVER it is necessary to connect the radiator to a home automation management system or with an external thermostat equipped with electronic temperature control, daily programming and stand-by electrical output consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable) in order to meet the requirements of EU Regulation 2024/1103 for electrical radiators with an output between 60 and 250W. The cable is without plug and must be connected to an ON-OFF switch (not included). a power supply disconnect (not included) and a protection device (not included) must be provided. For correct installation, consult an electrician and refer to local regulations for electrical networks.

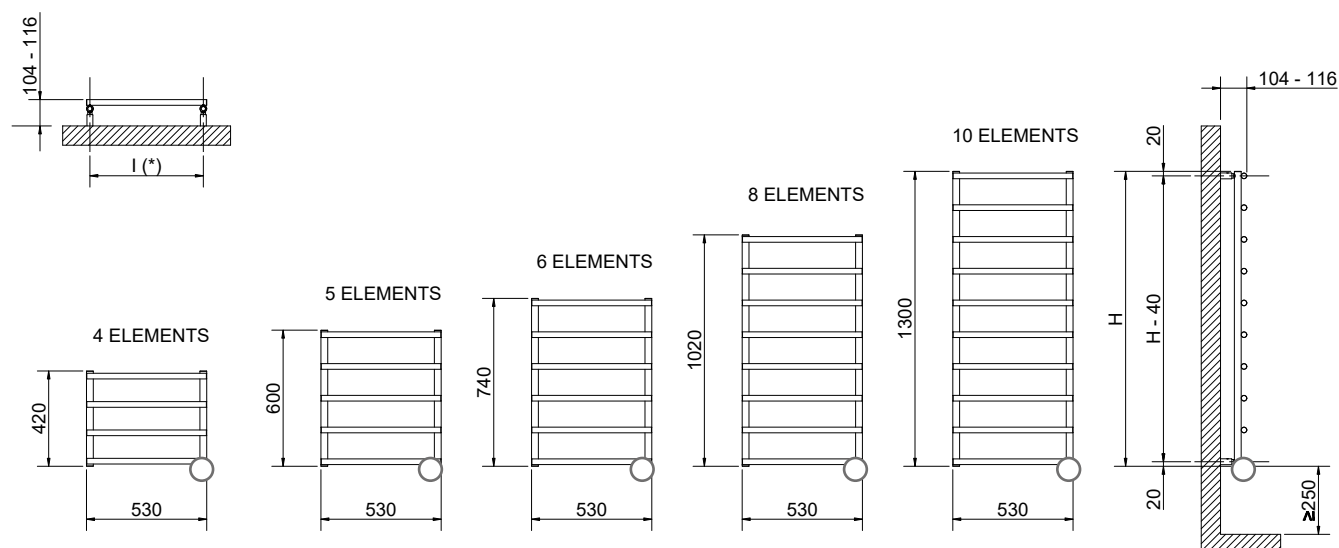
ELECTRICAL ONLY

- ☒ Electric resistance for DOMOTIC control

HOW TO PLACE ELECTRIC RADIATORS

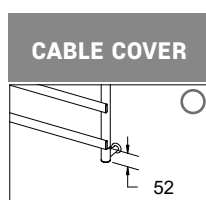


The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



(*) The fixing kit has the same pipe centre (l) as the radiator

○ The total height has to be calculated considering the height of the cable cover



LAURA ELECTRIC FOR DOMOTIC CONTROL WITH CABLE COVER POLISHED STAINLESS STEEL

Height	Width	Fixing kit center distance		Price	Output	Weight
[mm]	L [mm]	l [mm] (*)	Art. nr.	[€]	[Watt]	[Kg]
420	530	500	3581570400011	763,00	150	3,3
600	530	500	3581570400012	808,00	150	4,4
740	530	500	3581570400013	850,00	150	5,0
1020	530	500	3581570400014	933,00	150	5,9
1300	530	500	3581570400015	1.026,00	150	6,7

CLAUDIA®

BLOWER



Color: H09 Lago

FEATURES

Class protection: CLASS 2
Minimum ingress protection: IP 24
Wire length: 1100 mm with Schuko plug
Seasonal energy efficiency η_s : 51,6%

MATERIAL:

- 30x40 mm vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.
Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 10°C to + 30°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

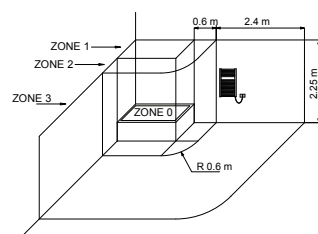
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning

AVAILABLE ACCESSORIES

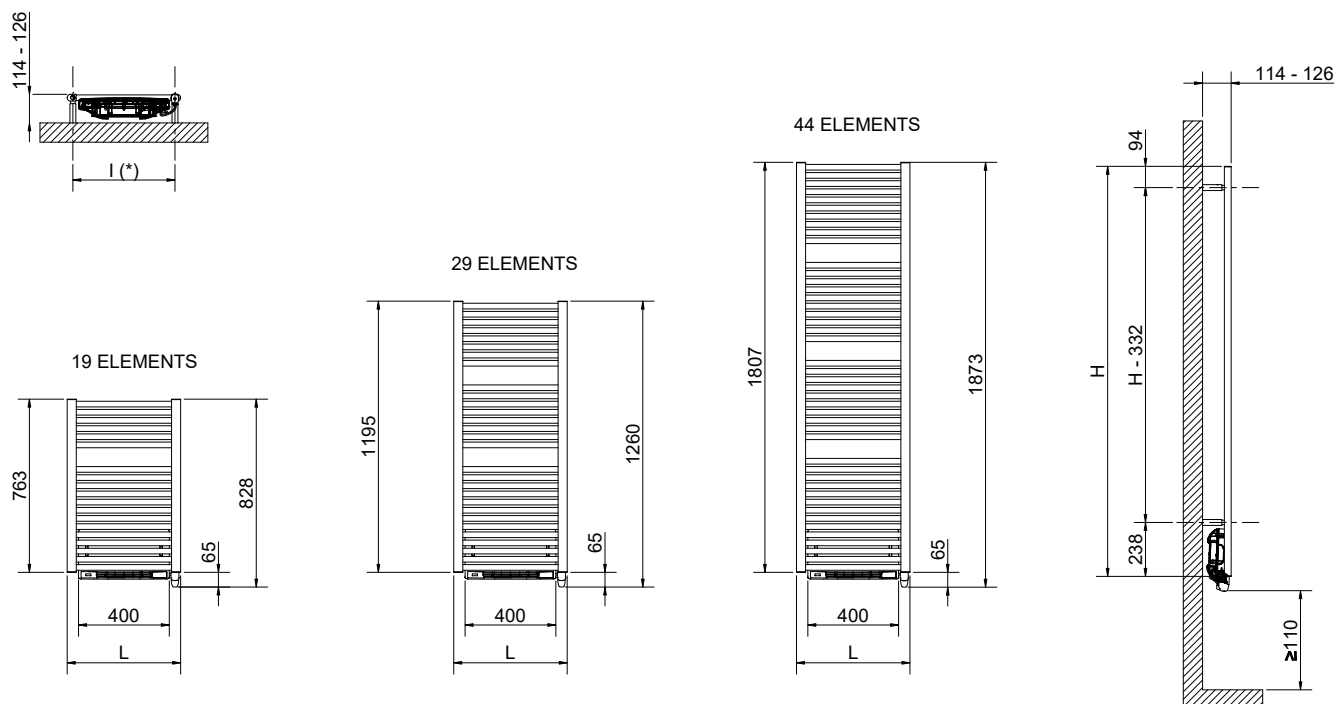


Towel bar in painted mild steel



Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

CLAUDIA® BLOWER

Height	Width	Art. nr.	Price [€]			Output	Blower Output	Weight
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Watt]	[Kg]
763	500	3581356100083	770,00	870,00	920,00	500	1000	17
1195	500	3581356100084	830,00	930,00	980,00	750	1000	24
1807	500	3581356100085	890,00	990,00	1.040,00	1000	1000	33

The codes shown in the table refer to the R01 White color models

ELECTRIC MODULE FOR VENTILATED FUNCTION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life

DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization

COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours



For the radiators manufactured in colors different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

CLAUDIA®

BLOWER DUAL ENERGY



Color: RAL 9010 - R01 White

FEATURES

P. max: 8 bar
T. max: 110°C
Connections: n° 2 x 1/2" G - 1 x 1/2" G
Minimum ingress protection: IP 24
Wire lenght: 1100 mm with Schuko plug

MATERIAL:

- 30x40 mm vertical collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.
Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 16°C to + 19°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

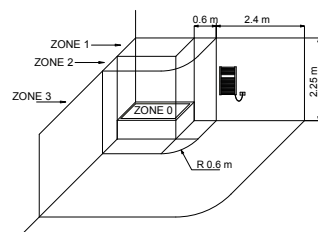
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

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OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning

AVAILABLE ACCESSORIES

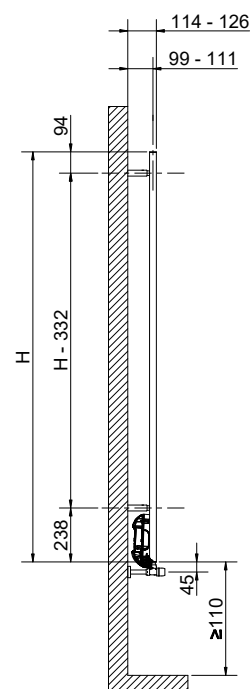
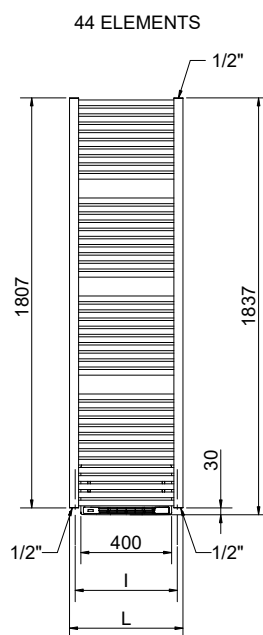
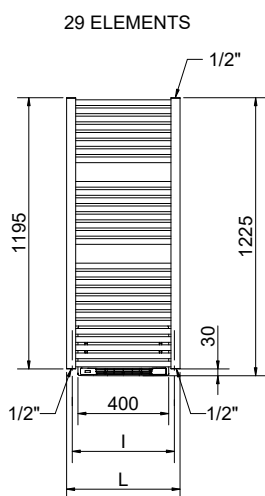
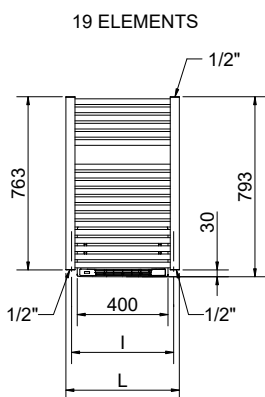
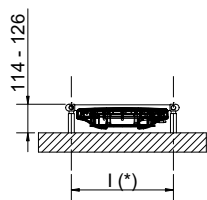


Towel bar in painted mild steel



Kit 2 colored hooks

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (L) measure of the fixing kit

CLAUDIA® BLOWER DUAL ENERGY

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
				R01 White	CLASSIC Color	SPECIAL Color				Δt 50°C	Δt 30°C	Exp.	Blower Output
[mm]	L [mm]	I [mm]	R01 White				[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
763	500	450	3581356100170	701,00	801,00	851,00	10,1	0,821	4,8	389	206	1,2472	1000
1195	500	450	3581356100171	736,00	836,00	886,00	13,4	1,26	7,4	595	314	1,2488	1000
1807	500	450	3581356100172	788,00	888,00	938,00	18,1	1,91	11,3	907	479	1,2513	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: **desired output = output at ΔT 50 x (Desired Δt/50)ⁿ**

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

GLORIA 22

BLOWER



Color: RAL 9010 - R01 White

FEATURES

Class protection: CLASS 2

Minimum ingress protection: IP 24

Wire lenght: 1100 mm with Schuko plug

Seasonal energy efficiency η_s : 51,6%

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 10°C to + 30°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

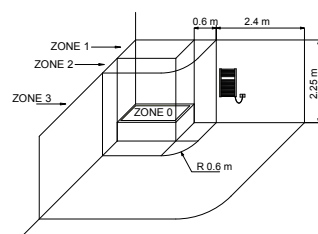
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

OPTIONAL



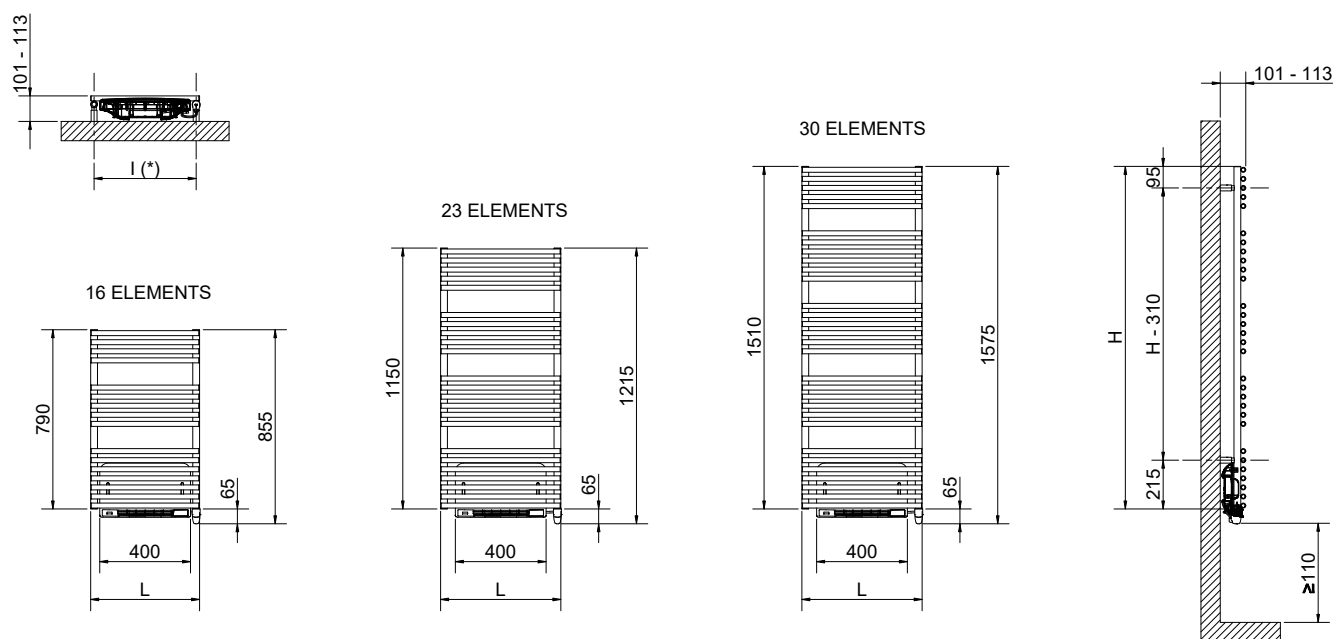
RF WIRELESS Remote Control

Remote control of "BLOWER" ventilated functioning



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

GLORIA 22 BLOWER

Height	Width	Art. nr.	Price [€]			Output	Blower Output	Weight
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Watt]	[Kg]
790	480	3581666100020	850,00	950,00	1.000,00	500	1000	15
1150	530	3581666100021	945,00	1.045,00	1.095,00	750	1000	19
1500	530	3581666100022	1.004,00	1.104,00	1.154,00	1000	1000	24

The codes shown in the table refer to the R01 White color models

ELECTRIC MODULE FOR VENTILATED FUNCTION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life

DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization

COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours



For the radiators manufactured in colors different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

GLORIA 22

BLOWER DUAL ENERGY



Color: RAL 7001 - R21 Silver grey

FEATURES

P. max: 8 bar
T. max: 110°C
Connections: n° 2 x 1/2" G - 1 x 1/2" G
Minimum ingress protection: IP 24
Wire lenght: 1100 mm with Schuko plug

MATERIAL:

- Ø 30 mm vertical collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.
Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 16°C to + 19°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

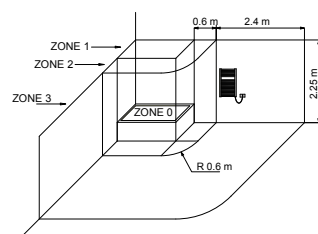
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning ventilated

AVAILABLE ACCESSORIES

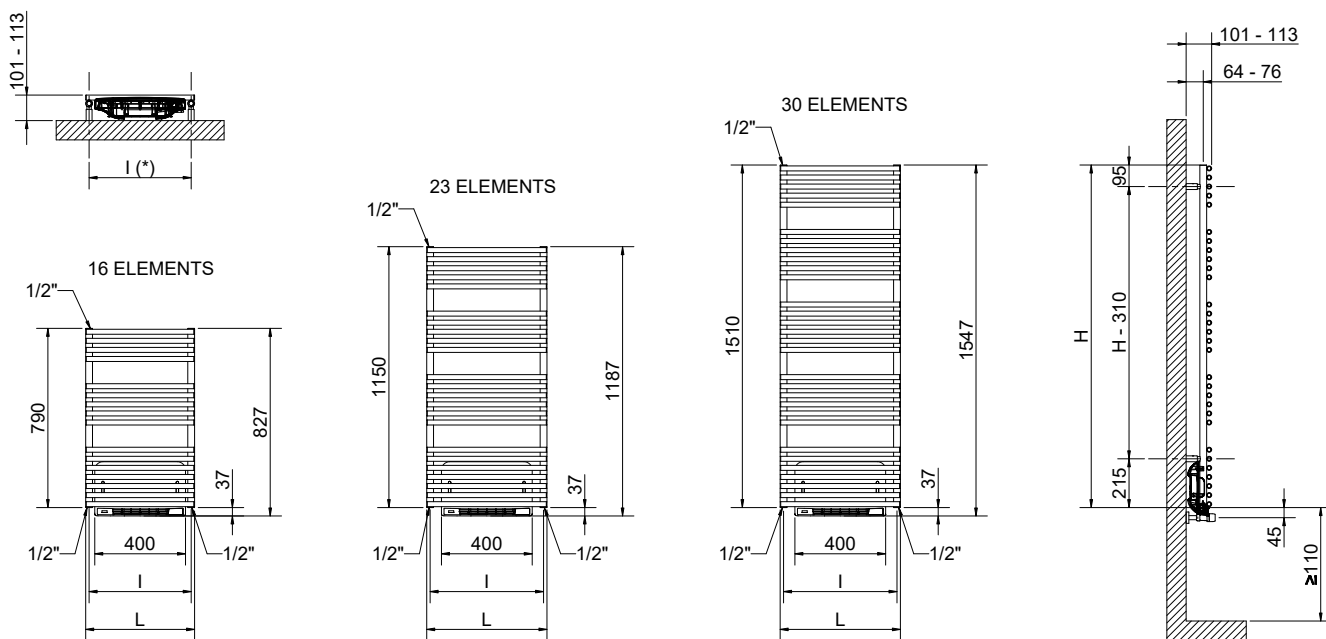


Kristal valve Total Color, angled with thermostatic option, colored



Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (I) measure of the fixing kit

GLORIA 22 BLOWER DUAL ENERGY

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
				R01 White	CLASSIC Color	SPECIAL Color				Δt 50°C	Δt 30°C	Exp.	Blower Output
[mm]	L [mm]	I [mm]	R01 White				[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
790	480	450	3581666100030	761,00	861,00	911,00	10,7	0,66	3,1	302	164	1,1941	1000
1150	530	500	3581666100031	845,00	945,00	995,00	14,3	1,03	5	460	247	1,2153	1000
1510	530	500	3581666100032	895,00	995,00	1.045,00	17,3	1,32	6,5	591	318	1,2157	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

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DORY

BLOWER



Color: RAL 1013 - R40 Pearl white

FEATURES

Class protection: CLASS 2

Minimum ingress protection: IP 24

Wire length: 1100 mm with Schuko plug

Seasonal energy efficiency η_s : 51,6%

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 10°C to + 30°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

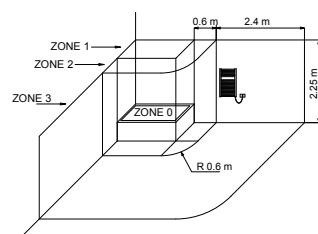
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning

AVAILABLE ACCESSORIES



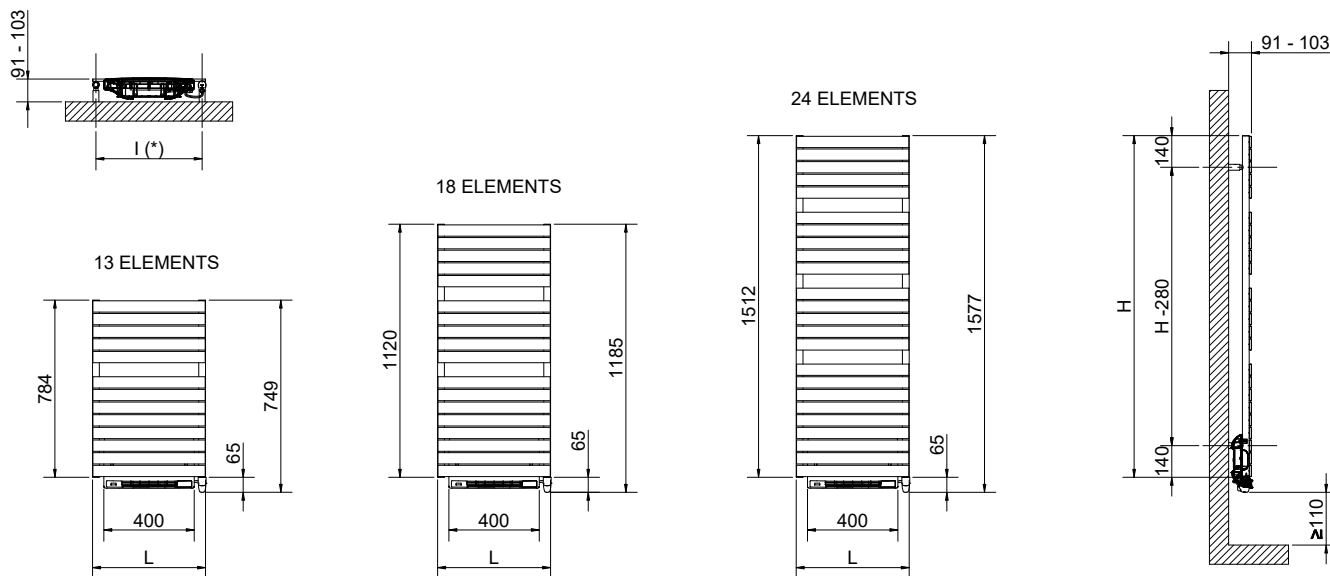
Kit 2 colored hooks



Towel bar in painted mild steel

Width 350 mm

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

DORY BLOWER

Height	Width	Art. nr.	Price [€]			Output	Blower Output	Weight
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Watt]	[Kg]
784	500	3581426100060	950,00	1.050,00	1.100,00	500	1000	19
1120	500	3581426100061	1.049,00	1.149,00	1.199,00	750	1000	25
1512	500	3581426100062	1.162,00	1.262,00	1.312,00	1000	1000	32

The codes shown in the table refer to the R01 White color models

ELECTRIC MODULE FOR VENTILATED FUNCTION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life

DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization

COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours



For the radiators manufactured in colors different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

DORY

BLOWER DUAL ENERGY



Color: RAL 7001 - R21 Silver grey

FEATURES

P. max: 5 bar
T. max: 110°C
Connections: n° 2 x 1/2" G - 1 x 1/2" G
Minimum ingress protection: IP 24
Wire lenght: 1100 mm with Schuko plug

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.
Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 16°C to + 19°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

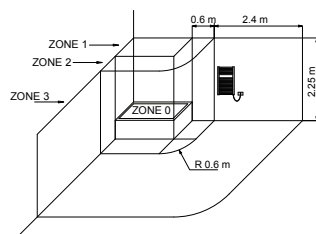
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning ventilated

AVAILABLE ACCESSORIES

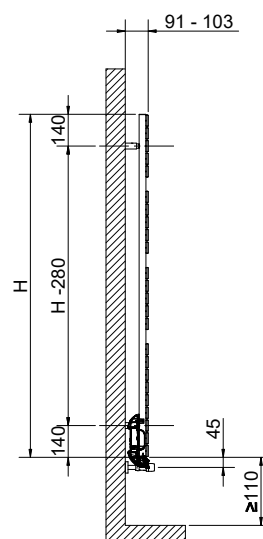
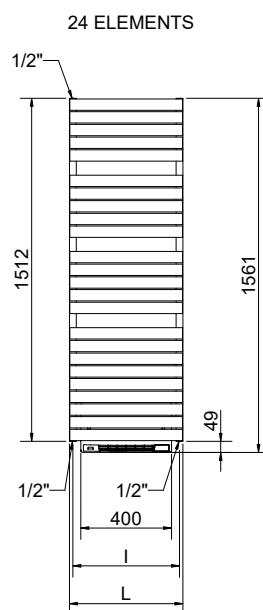
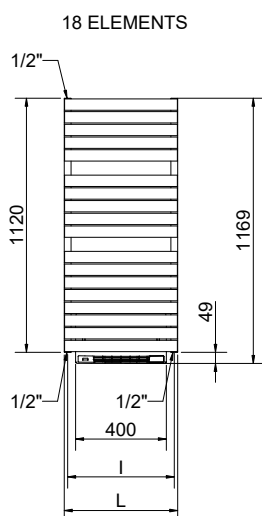
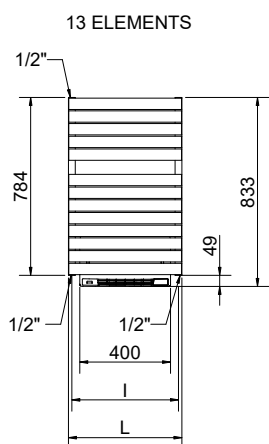
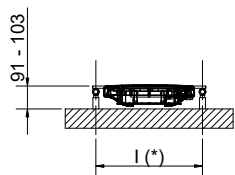


Kristal valve Total Color, angled with thermostatic option, colored



Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) Pipe center (l) measure of the fixing kit

DORY BLOWER DUAL ENERGY

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Thermal output			
				R01 White	CLASSIC Color	SPECIAL Color				Δt 50°C	Δt 30°C	Exp.	Blower Output
[mm]	L [mm]	I [mm]	R01 White				[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
784	500	470	3581426100070	860,00	960,00	1.010,00	12,8	0,928	3,2	442	243	1,1679	1000
1120	500	470	3581426100071	950,00	1.050,00	1.100,00	16,2	1,291	4,5	592	326	1,1693	1000
1512	500	470	3581426100072	1.063,00	1.163,00	1.213,00	20,3	1,725	6,1	767	422	1,1709	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired Δt /50)ⁿ**

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

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TECHNICAL SUPPORT

KELLY 5010 DX

BLOWER



Color: RAL 9010 - R01 White

FEATURES

Class protection: CLASS 2

Minimum ingress protection: IP 24

Wire length: 1100 mm with Schuko plug

Seasonal energy efficiency η_s : 51,6%

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 10°C to + 30°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

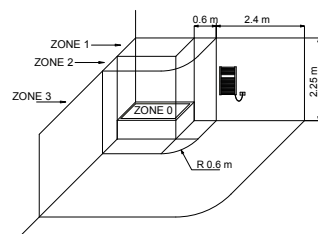
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

OPTIONAL



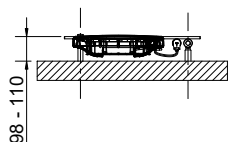
RF WIRELESS Remote Control

Remote control of "BLOWER" ventilated functioning

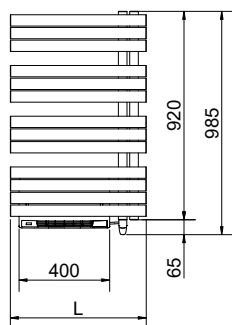


Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

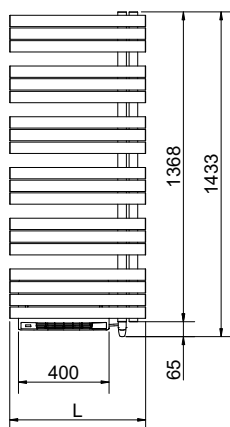
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



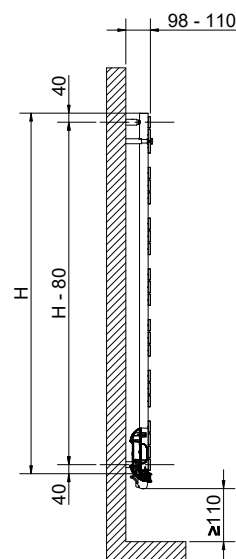
13 ELEMENTS



19 ELEMENTS



22 ELEMENTS



KELLY 5010 DX BLOWER

Height	Width	Art. nr.	Price [€]			Output	Blower Output	Weight
								
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Watt]	[Kg]
920	600	3581726100156	1.011,00	1.111,00	1.161,00	500	1000	20
1368	600	3581726100157	1.136,00	1.236,00	1.286,00	750	1000	27
1592	600	3581726100158	1.174,00	1.274,00	1.324,00	1000	1000	31

The codes shown in the table refer to the R01 White color models

ELECTRIC MODULE FOR VENTILATED FUNCTION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life

DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization

COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours



PRESENCE SENSOR

BLOWING GRID

CONTROL UNIT

ELECTRICAL RESISTANCE

For the radiators manufactured in colors different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

KELLY 5010 SX

BLOWER



Color: F25 Quartz dust

FEATURES

Class protection: CLASS 2

Minimum ingress protection: IP 24

Wire length: 1100 mm with Schuko plug

Seasonal energy efficiency η_s : 51,6%

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.
- Heat transfer fluid.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.

Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 10°C to + 30°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

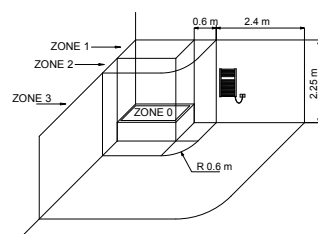
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.

OPTIONAL



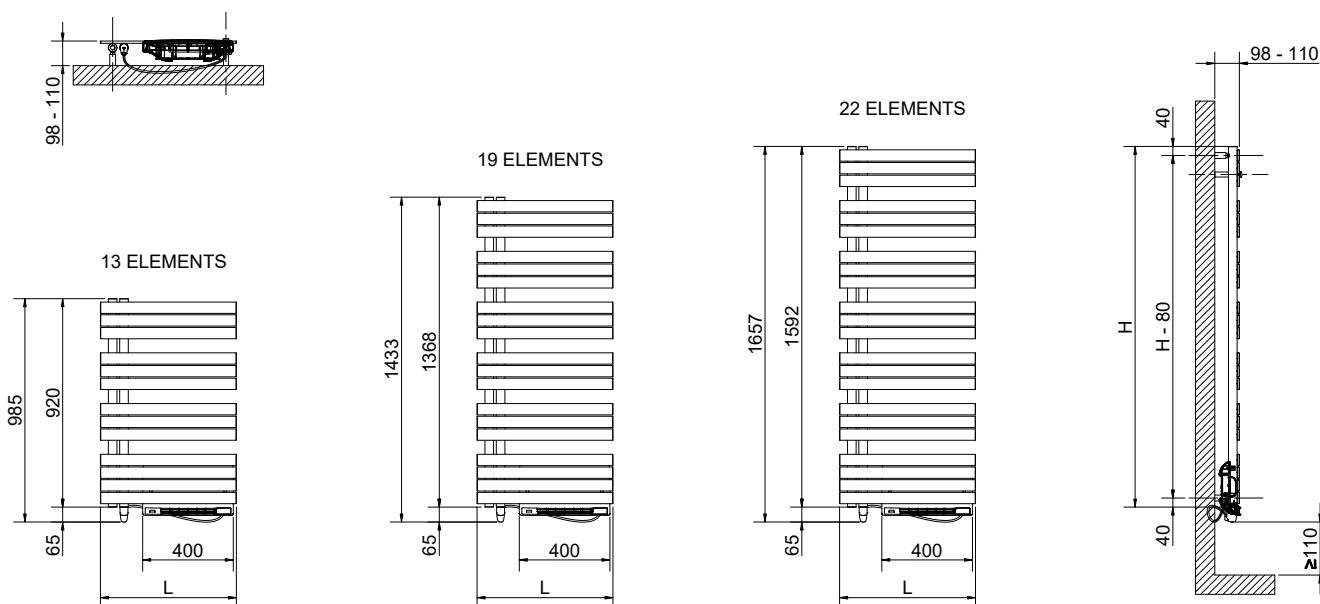
RF WIRELESS Remote Control

Remote control of "BLOWER" ventilated functioning



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



KELLY 5010 SX BLOWER

Height	Width	Art. nr.	Price [€]			Output	Blower Output	Weight
[mm]	L [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Watt]	[Watt]	[Kg]
920	600	3581726100159	1.011,00	1.111,00	1.161,00	500	1000	20
1368	600	3581726100160	1.136,00	1.236,00	1.286,00	750	1000	27
1592	600	3581726100161	1.174,00	1.274,00	1.324,00	1000	1000	31

The codes shown in the table refer to the R01 White color models

ELECTRIC MODULE FOR VENTILATED FUNCTION

The Cordivari thermo-ventilation Blower module offers advanced features for maximum comfort without wasting energy with the aim of simplifying the user's life

DESIGN, ERGONOMICS AND PRACTICALITY

- Ultra-discreet design with excellent ergonomic settings
- Remote control via radio remote control (optional)
- Energy consumption indicator and detector
- Weekly and daily programming
- Child protection
- Dust filter removable at any time from both sides of the radiator, for maximum ease and effectiveness of sanitization

COMFORT & SMART LIVING

- High precision "intelligent" electronic PID regulation for a stable and accurate bath temperature all year round
- Boost mode, adjustable up to 90 minutes, in 10-minute intervals, to speed up bathroom heating and super comfort (with automatic boost) for instant additional heating.
- Adaptive intelligent self-learning function of the user's rhythm and lifestyle: learning is continuous thanks to an intelligent algorithm that analyzes information in real time to optimize and adapt the program to the following weeks.
- Open window detector
- Energy saving priority with presence / absence detector
- Dual function optimization with priority on comfort or energy saving depending on the priority chosen by the user. The device calculates and optimizes the programming for each heating period, set on Comfort or Economy (Eco) based on the choice made by the user.
- Active memory of settings in case the mains power fails for up to 16 hours



PRESENCE SENSOR

BLOWING GRID

CONTROL UNIT

ELECTRICAL RESISTANCE

For the radiators manufactured in colors different from standard white the "Blower" electric module for ventilated function is provided in grey finishing.

KELLY 5010 (RIGHT OR LEFT)

BLOWER DUAL ENERGY



Color: F32 Grey sky



FEATURES

P. max: 5 bar
T. max: 110°C
Connections: n° 2 x 1/2" G - 1 x 1/2" G
Minimum ingress protection: IP 24
Wire lenght: 1100 mm with Schuko plug

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm horizontal heating elements in painted mild steel.

ELECTRIC MODULE FOR VENTILATED FUNCTION:

Fan heater with integrated PID electronic controller; with presence / absence detector, Open window detector; self-learning and self-programming function optimized with priority on comfort or energy saving.
Power 1000 Watt - 230 V 50 Hz • On / Off Switch • Temperature settings: + 16°C to + 19°C.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

The radiator is protected by recyclable cardboard box. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

See color chart on pages II and III.

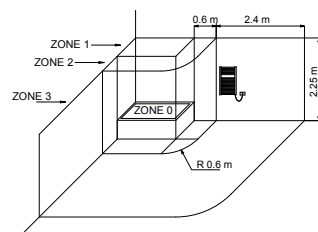
FUNCTIONING

- ☒ Electric
- ☒ With Blower electric module
- ☒ Blower dual energy

CERTIFICATES



HOW TO PLACE ELECTRIC RADIATORS



The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.
In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to a anyone using the shower or bath.



Cordivari ErP electric radiators are characterised by high efficiency. These models comply with EU Regulation 2024/1103. The seasonal energy efficiency of these fixed electric space heating appliances, with nominal Thermal output >250 W, is over 46% in all models. Each of the ErP electric radiators is equipped with at least electronic temperature control, window opening detection, weekly programming and stand-by power consumption <0.5 W (or 2.0 W in Wi-Fi mode, where applicable).

OPTIONAL



RF WIRELESS Remote Control

Remote control of "BLOWER" functioning ventilated

AVAILABLE ACCESSORIES



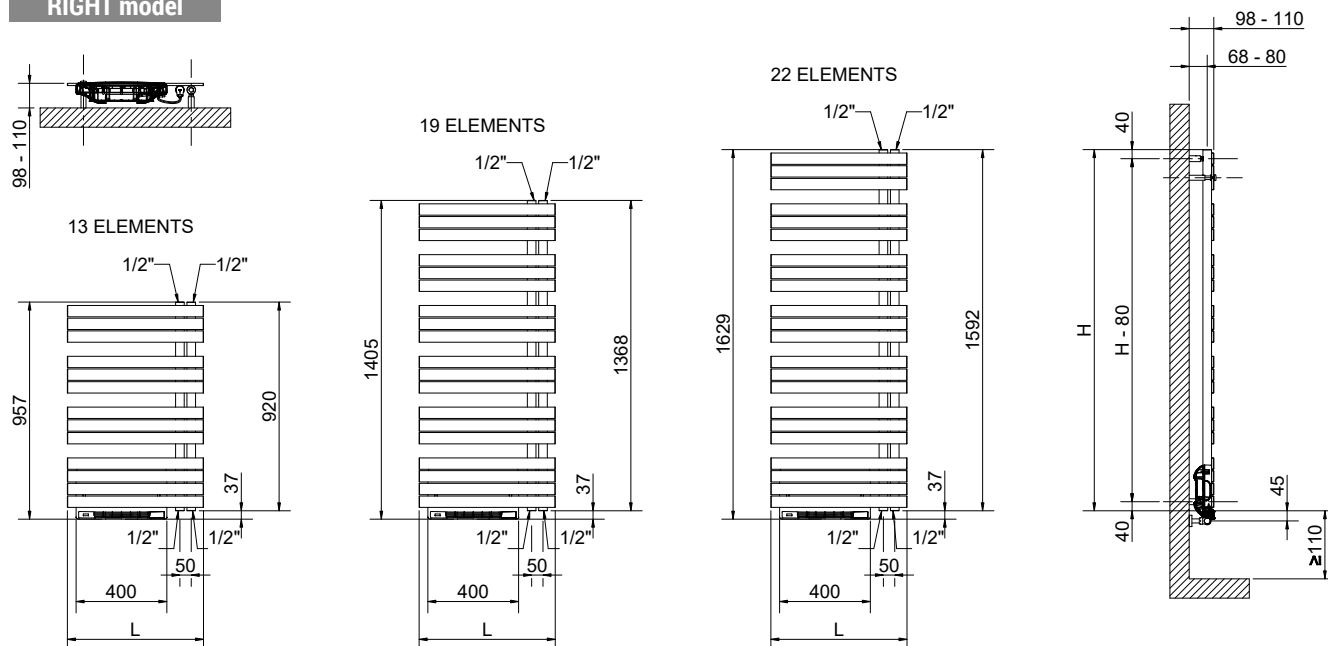
Kristal valve Total Color, angled with thermostatic option, colored



Thermostatic head Kristal TC fully colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

RIGHT model



KELLY 5010 DX BLOWER DUAL ENERGY

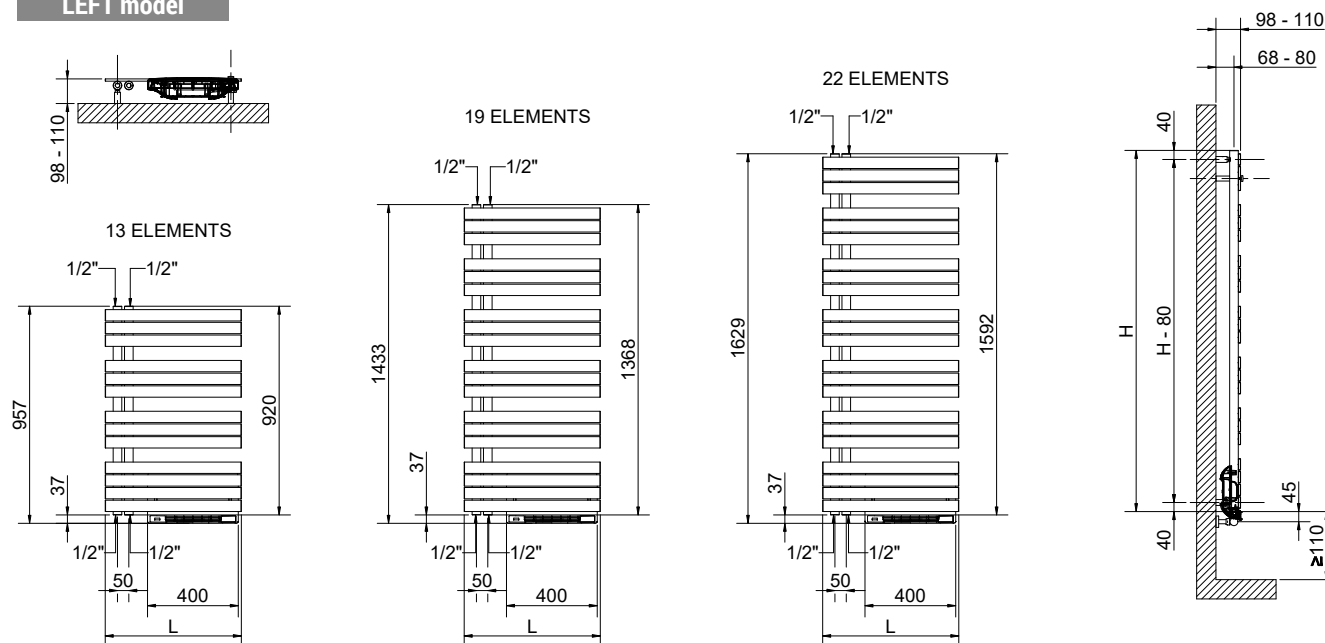
Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Blower Output
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
920	600	50	3581726100213	921,00	1.021,00	1.071,00	14,7	1,10	4,33	443	234	1,2536	1000
1368	600	50	3581726100214	1.035,00	1.135,00	1.185,00	19,5	1,60	6,53	637	336	1,2533	1000
1592	600	50	3581726100215	1.065,00	1.165,00	1.215,00	22,0	1,86	7,63	742	388	1,2696	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

LEFT model



KELLY 5010 SX BLOWER DUAL ENERGY

Thermal output

Height	Width	Pipe Centres	Art. nr.	Price [€]			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Blower Output
[mm]	L [mm]	I [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
920	600	50	3581726100210	921,00	1.021,00	1.071,00	14,7	1,10	4,33	443	234	1,2536	1000
1368	600	50	3581726100211	1.035,00	1.135,00	1.185,00	19,5	1,60	6,53	637	336	1,2533	1000
1592	600	50	3581726100212	1.065,00	1.165,00	1.215,00	22,0	1,86	7,63	742	388	1,2696	1000

The codes shown in the table refer to the R01 White color models

For output at different ΔT, please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



STAINLESS STEEL Radiators

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

ELEN 18

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 130)
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option
chromed

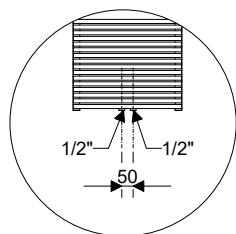


Towel bar polished
stainless steel

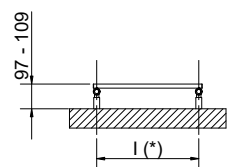


Kit 2 hooks polished
stainless steel

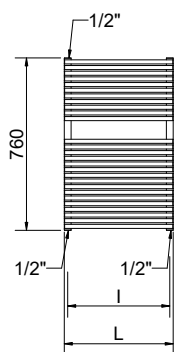
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



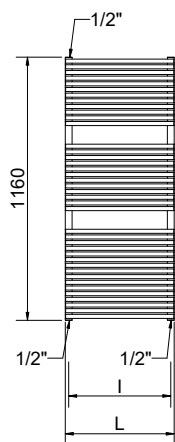
Detail of the 50 mm pipe-centres version.



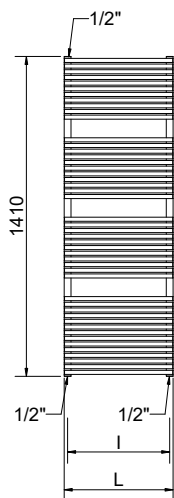
27 ELEMENTS



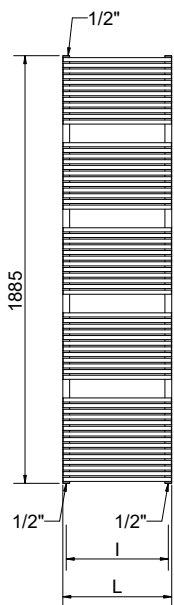
40 ELEMENTS



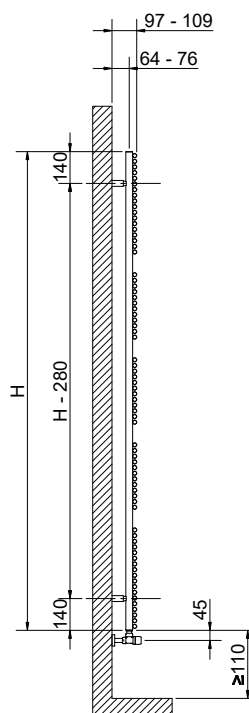
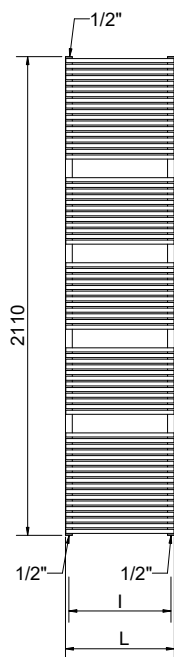
47 ELEMENTS



63 ELEMENTS



72 ELEMENTS



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ELEN 18 POLISHED STAINLESS STEEL

PIPE CENTRES 50 mm

Thermal output

Height	Width	Pipe Centres	Price	Art. nr.	Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	l [mm]	€		€	[kg]	[m²]	[lit]	[Watt]	[Watt]	n	[Watt]
760	430	400	783,00	3551440133130	969,00	7,8	0,8	3,5	301	166	1,1706	300
	480	450	822,00	3551440133134	1.007,00	9,2	0,9	4,0	337	185	1,1698	400
1160	430	400	1.047,00	3551440133131	1.232,00	11,5	1,2	5,3	424	225	1,2370	500
	480	450	1.087,00	3551440133135	1.273,00	13,7	1,4	6,0	473	252	1,2329	600
	530	500	1.141,00	3551440133138	1.326,00	15,7	1,6	6,8	521	278	1,2288	600
	580	550	1.195,00	3551440133142	1.381,00	19,8	2,1	8,3	570	305	1,2246	700
1410	430	400	1.194,00	3551440133132	1.380,00	13,7	1,4	6,3	506	270	1,2313	600
	480	450	1.244,00	3551440133136	1.430,00	16,2	1,7	7,2	562	300	1,2280	700
	530	500	1.316,00	3551440133139	1.502,00	18,6	1,9	8,1	618	331	1,2248	700
	580	550	1.376,00	3551440133143	1.562,00	23,3	2,4	9,9	674	361	1,2216	700
1885	430	400	1.520,00	3551440133133	1.706,00	18,3	1,9	8,4	676	355	1,2612	700
	480	450	1.580,00	3551440133137	1.766,00	21,7	2,2	9,6	747	394	1,2544	900
	530	500	1.676,00	3551440133140	1.861,00	24,9	2,6	10,8	819	433	1,2475	900
	580	550	1.743,00	3551440133144	1.928,00	31,2	3,3	13,2	891	473	1,2406	900
2110	530	500	1.870,00	3551440133141	2.056,00	24,6	2,5	10,9	924	486	1,2583	900
	580	550	1.945,00	3551440133145	2.130,00	28,3	2,9	12,3	1003	530	1,2497	1200
	730	700	2.222,00	3551440133146	2.407,00	35,6	3,8	15,0	1242	665	1,2240	1200

For output at different Δt , please refer to the following formula: desired output = output at Δt 50 x (Desired Δt /50)ⁿ

ELEN 18

SATIN STAINLESS STEEL

 **WARRANTY 10 YEARS**



MATERIAL:

- Ø 30 mm vertical collectors in satin stainless steel.
- Ø 18 mm horizontal elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option satin

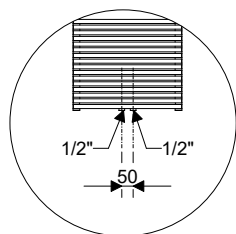


Kristal valve corner Right or Left thermostatic option satin

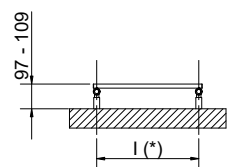


Towel bar satin stainless steel

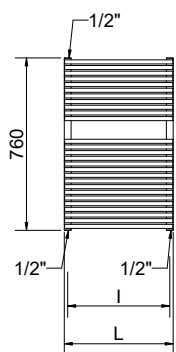
Complete list, codes, prices, and details of the ACCESSORIES from page 332.



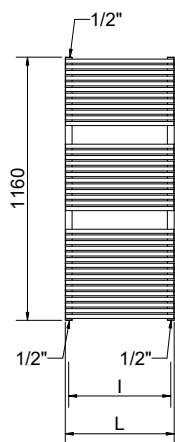
Detail of the 50 mm pipe-centres version.



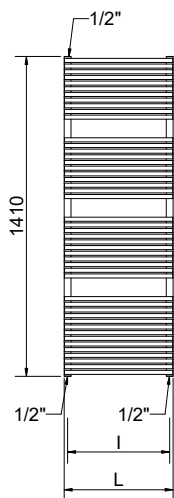
27 ELEMENTS



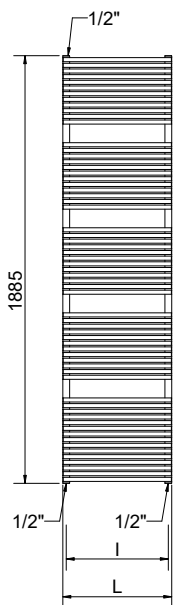
40 ELEMENTS



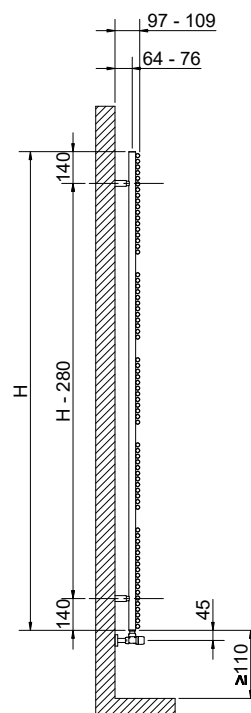
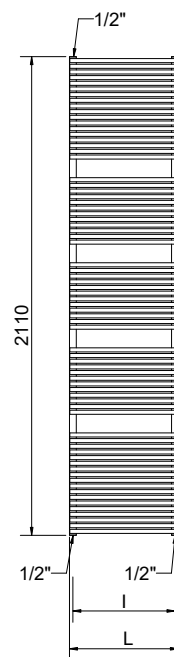
47 ELEMENTS



63 ELEMENTS



72 ELEMENTS



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ELEN 18 SATIN STAINLESS STEEL

PIPE CENTRES 50 mm

Thermal output

PIPE CENTRES				Price	PIPE CENTRES		Thermal output						
Height	Width	Pipe Centres				Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
	[mm]	L [mm]	I [mm]	Art. nr.	[€]	Art. nr.	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
760	430	400		3551590133040	880,00	3551590133057	7,8	0,8	3,5	313	166	1,2426	400
	480	450		3551590133044	920,00	3551590133061	9,2	0,9	4,0	350	186	1,2353	400
1160	430	400		3551590133041	1.170,00	3551590133058	11,5	1,2	5,3	455	240	1,2527	500
	480	450		3551590133045	1.234,00	3551590133062	13,7	1,4	6,0	507	268	1,2451	600
	530	500		3551590133048	1.305,00	3551590133065	15,7	1,6	6,8	559	297	1,2374	700
	580	550		3551590133052	1.374,00	3551590133069	19,8	2,1	8,3	611	326	1,2298	700
1410	430	400		3551590133042	1.370,00	3551590133059	13,7	1,4	6,3	545	293	1,2162	700
	480	450		3551590133046	1.445,00	3551590133063	16,2	1,7	7,2	606	326	1,2130	700
	530	500		3551590133049	1.544,00	3551590133066	18,6	1,9	8,1	667	360	1,2099	700
	580	550		3551590133053	1.633,00	3551590133070	23,3	2,4	9,9	728	393	1,2067	900
1885	430	400		3551590133043	1.749,00	3551590133060	18,3	1,9	8,4	723	384	1,2362	900
	480	450		3551590133047	1.839,00	3551590133064	21,7	2,2	9,6	800	426	1,2315	900
	530	500		3551590133050	1.979,00	3551590133067	24,9	2,6	10,8	878	469	1,2268	900
	580	550		3551590133054	2.083,00	3551590133071	31,2	3,3	13,2	955	512	1,2221	1200
2110	530	500		3551590133051	2.204,00	3551590133068	24,6	2,5	10,9	981	522	1,2348	1200
	580	550		3551590133055	2.326,00	3551590133072	28,3	2,9	12,3	1067	569	1,2293	1200
	730	700		3551590133056	2.688,00	3551590133073	35,6	3,8	15,0	1322	711	1,2129	1200

For output at different Δt , please refer to the following formula: desired output = output at Δt 50 x (Desired Δt /50)ⁿ

ELEN 18 WIDE

POLISHED STAINLESS STEEL

 **WARRANTY 10 YEARS**



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option chromed

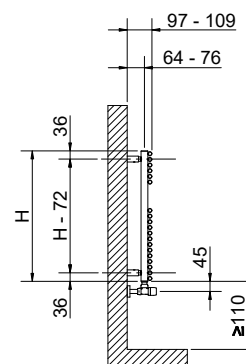
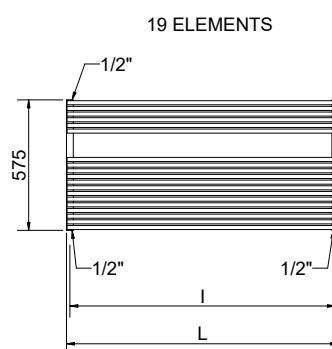
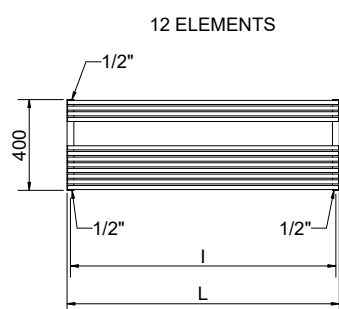
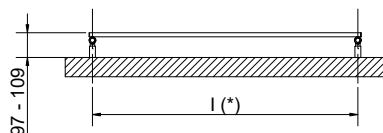


Kristal valve corner Right or Left with thermostatic option chromed



Kit 2 hooks polished stainless steel

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves

ELEN 18 WIDE POLISHED STAINLESS STEEL

Thermal output

Height	Width	Pipe Centres		Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	Art. nr.	[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
400	1200	1170	3551440130205	849,00	6,3	0,89	3,5	387	210	1,1980	-
	1400	1370	3551440130206	908,00	7,3	1,025	3,9	444	232	1,2727	-
575	1200	1170	3551440130207	1.086,00	9,9	1,4	5,4	600	327	1,1910	300
	1400	1370	3551440130208	1.188,00	11,4	1,6	6,2	701	375	1,2231	300

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

ELEN 22

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option chromed

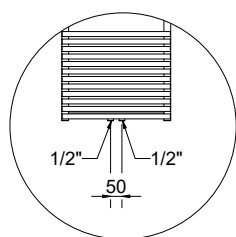


Kristal valve corner Right or Left with thermostatic option chromed

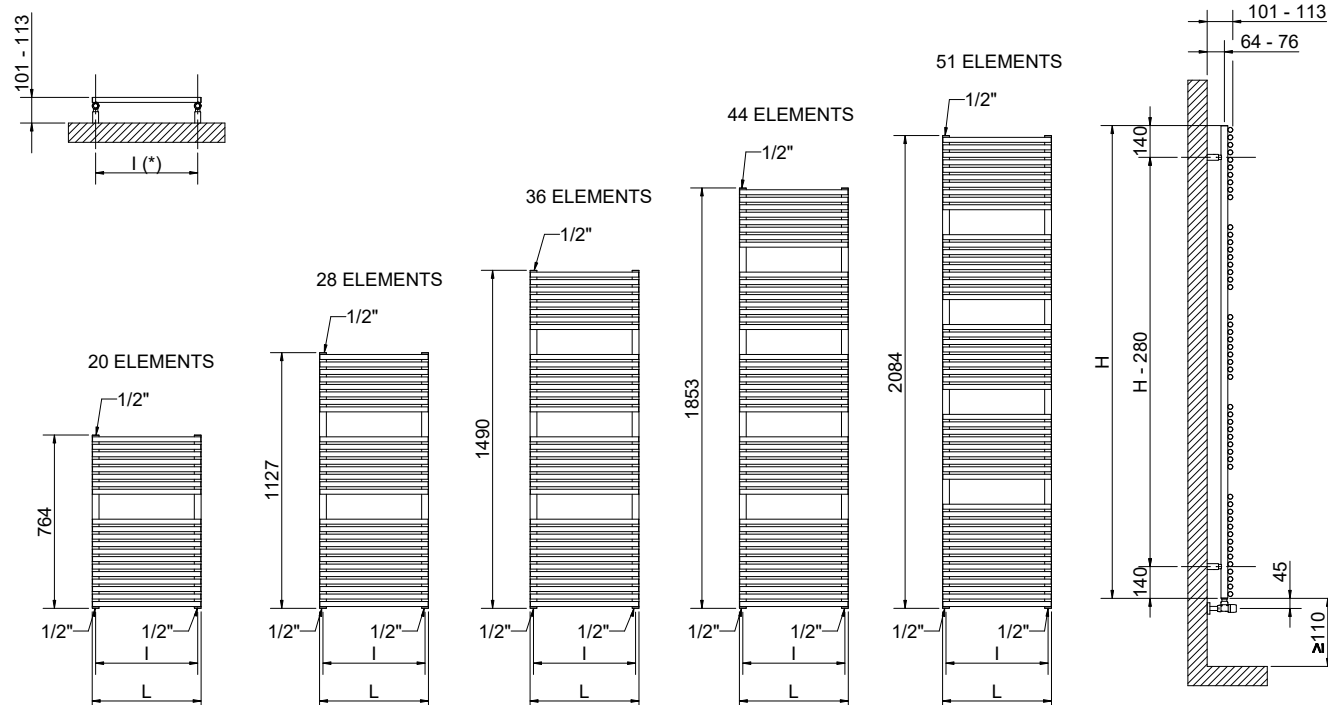


Thermostatic head Kristal TC chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ELEN 22 POLISHED STAINLESS STEEL

POLISHED STAINLESS STEEL					PIPE CENTRES 50 mm		Thermal output						
Height	Width	Pipe Centres		Price		Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	I [mm]	Art. nr.	[€]	Art. nr.	[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
764	430	400	3551440133080	786,00	3551440133110	928,00	5,8	0,74	3,62	276	147	1,2334	-
	480	450	3551440133085	825,00	3551440133114	967,00	6,3	0,81	3,93	305	163	1,2248	300
1127	430	400	3551440133081	1.026,00	3551440133111	1.168,00	8,2	1,04	5,13	387	206	1,2348	400
	480	450	3551440133086	1.074,00	3551440133115	1.216,00	8,9	1,14	5,57	426	228	1,2265	400
	530	500	3551440133091	1.116,00	3551440133119	1.258,00	9,6	1,24	6,01	466	250	1,2181	400
	580	550	3551440133096	1.179,00	3551440133123	1.321,00	10,3	1,33	6,45	505	272	1,2098	500
1490	430	400	3551440133082	1.188,00	3551440133112	1.330,00	10,6	1,35	6,65	503	268	1,2289	500
	480	450	3551440133087	1.257,00	3551440133116	1.399,00	11,5	1,48	7,21	553	296	1,2233	500
	530	500	3551440133092	1.306,00	3551440133120	1.448,00	12,4	1,60	7,78	604	324	1,2178	600
	580	550	3551440133097	1.347,00	3551440133124	1.489,00	13,4	1,72	8,34	654	352	1,2122	600
1853	430	400	3551440133083	1.423,00	3551440133113	1.565,00	13,0	1,66	8,16	628	338	1,2147	600
	480	450	3551440133088	1.490,00	3551440133117	1.632,00	14,1	1,81	8,85	689	371	1,2123	700
	530	500	3551440133093	1.566,00	3551440133121	1.708,00	15,2	1,96	9,54	750	404	1,2099	700
	580	550	3551440133098	1.645,00	3551440133125	1.787,00	16,4	2,11	10,23	811	438	1,2076	700
2084	480	450	3551440133089	1.666,00	3551440133118	1.808,00	16,2	2,08	10,18	781	422	1,2053	700
	530	500	3551440133094	1.745,00	3551440133122	1.887,00	17,6	2,26	10,99	849	459	1,2049	700
	580	550	3551440133099	1.828,00	3551440133126	1.969,00	18,9	2,44	11,79	917	496	1,2046	900
	730	700	3551440133104	2.089,00	3551440133127	2.231,00	22,9	2,97	14,19	1122	606	1,2037	1000

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

ELEN 22

SATIN STAINLESS STEEL

 **WARRANTY 10 YEARS**



MATERIAL:

- Ø 30 mm vertical collectors in satin stainless steel.
- Ø 22 mm horizontal elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option satin

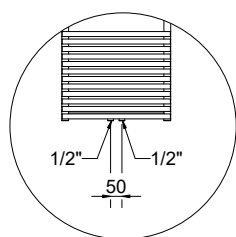


Kristal valve corner Right or Left thermostatic option satin

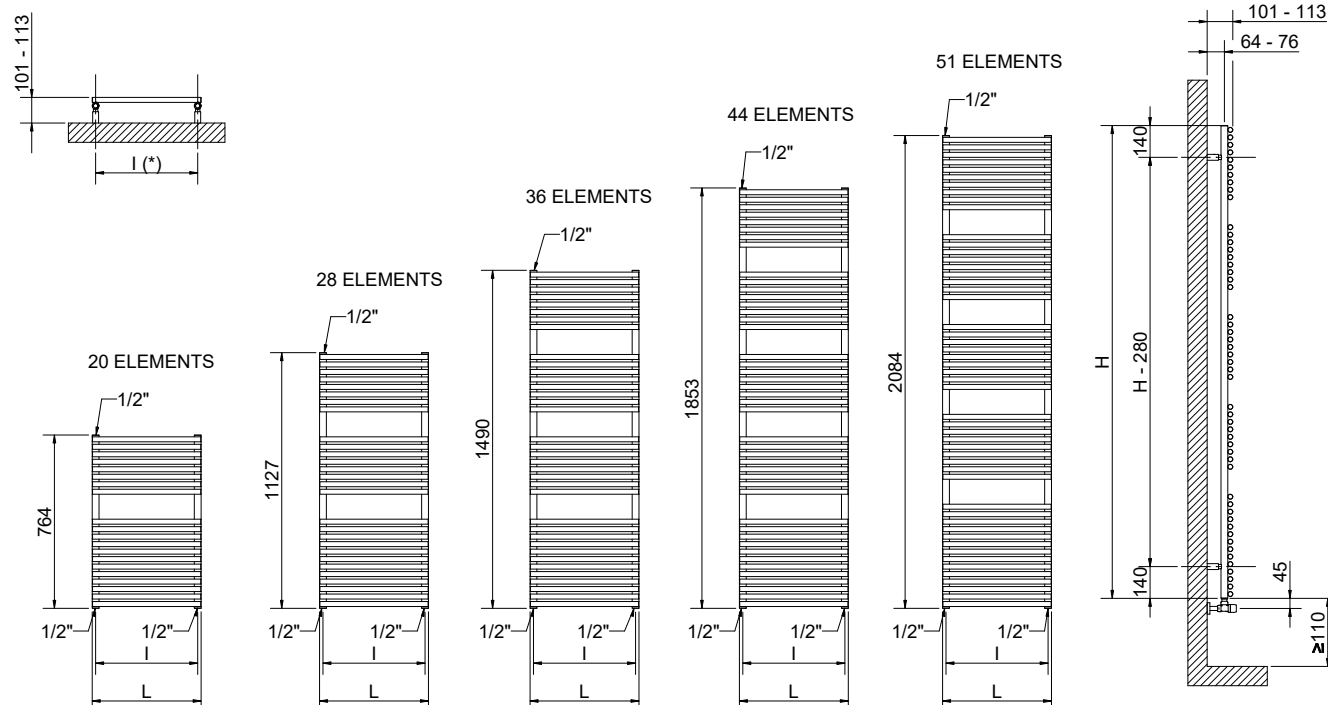


Pair of satin tube cover kit

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ELEN 22 SATIN STAINLESS STEEL

PIPE CENTRES 50 mm				Thermal output									
Height	Width	Pipe Centres	Price		Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit	
[mm]	L [mm]	I [mm]	Art. nr.	[€]	Art. nr.	[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
764	430	400	3551590133100	849,00	3551590133130	991,00	5,8	0,74	3,62	287	153	1,2433	300
	480	450	3551590133105	896,00	3551590133134	1.038,00	6,3	0,81	3,93	317	170	1,2352	300
1127	430	400	3551590133101	1.100,00	3551590133131	1.242,00	8,2	1,04	5,13	402	214	1,245	400
	480	450	3551590133106	1.172,00	3551590133135	1.314,00	8,9	1,14	5,57	443	237	1,2364	400
	530	500	3551590133111	1.228,00	3551590133139	1.370,00	9,6	1,24	6,01	485	260	1,2284	500
	580	550	3551590133116	1.285,00	3551590133143	1.427,00	10,3	1,33	6,45	525	283	1,2198	500
1490	430	400	3551590133102	1.352,00	3551590133132	1.494,00	10,6	1,35	6,65	523	279	1,2389	500
	480	450	3551590133107	1.440,00	3551590133136	1.582,00	11,5	1,48	7,21	575	308	1,2332	600
	530	500	3551590133112	1.510,00	3551590133140	1.652,00	12,4	1,60	7,78	628	337	1,228	600
	580	550	3551590133117	1.589,00	3551590133144	1.731,00	13,4	1,72	8,34	680	366	1,2223	700
1853	430	400	3551590133103	1.594,00	3551590133133	1.735,00	13,0	1,66	8,16	653	352	1,2247	600
	480	450	3551590133108	1.714,00	3551590133137	1.856,00	14,1	1,81	8,85	717	386	1,2223	700
	530	500	3551590133113	1.802,00	3551590133141	1.944,00	15,2	1,96	9,54	780	420	1,2199	700
	580	550	3551590133118	1.893,00	3551590133145	2.035,00	16,4	2,11	10,23	843	456	1,2175	700
2084	480	450	3551590133109	1.916,00	3551590133138	2.058,00	16,2	2,08	10,18	812	430	1,2158	700
	530	500	3551590133114	2.024,00	3551590133142	2.166,00	17,6	2,26	10,99	883	477	1,2153	900
	580	550	3551590133119	2.122,00	3551590133146	2.264,00	18,9	2,44	11,79	954	516	1,2149	900
	730	700	3551590133124	2.424,00	3551590133147	2.566,00	22,9	2,97	14,19	1167	630	1,2146	1200

For output at different Δt , please refer to the following formula: desired output = output at Δt 50 x (Desired Δt /50)ⁿ

SANDY

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 38 mm vertical collectors in polished stainless steel da.
- Ø 25 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 132)
- ☒ Dual energy (see page 350)



NF range :
Hot water radiators,
convectors, and radiant
panels- NF 047

AVAILABLE ACCESSORIES



**Kristal valve angled with
thermostatic option
chromed**

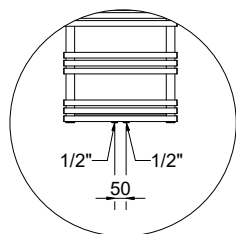


**Thermostatic head
Kristal TC chromed**

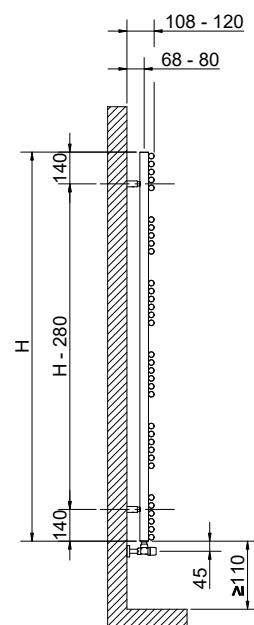
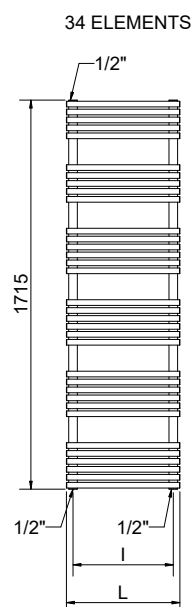
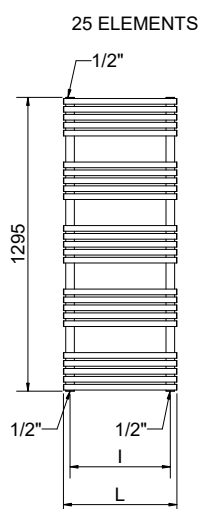
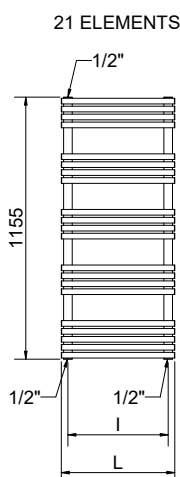
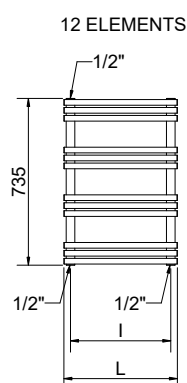
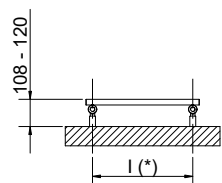


**Kit 2 hooks polished
stainless steel**

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

SANDY POLISHED STAINLESS STEEL

						PIPE CENTRES 50 mm		Thermal output						
Height	Width	Cert.	Pipe Centres		Price			Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	NF	I [mm]	Art. nr.	[€]	Art. nr.	[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
735	400	✓	342	3551440130250	631,00	3551440130270	816,00	5,8	0,55	3,3	217	117	1,2120	-
	500	✓	442	3551440130254	670,00	3551440130274	855,00	6,7	0,64	3,8	256	139	1,2020	-
1155	400	✓	342	3551440130251	793,00	3551440130271	978,00	9,7	0,93	5,6	340	181	1,2357	300
	500	✓	442	3551440130255	853,00	3551440130275	1.039,00	11,2	1,10	6,4	408	219	1,2166	400
	600	✓	542	3551440130258	896,00	3551440130278	1.082,00	12,7	1,26	7,3	476	257	1,2030	500
	800		742	3551440130261	1.057,00	3551440130281	1.243,00	15,6	1,59	9,0	612	334	1,1850	600
1295	400	✓	342	3551440130252	873,00	3551440130272	1.058,00	11,3	1,09	6,5	396	210	1,2462	400
	500	✓	442	3551440130256	949,00	3551440130276	1.135,00	13,1	1,29	7,5	475	254	1,2231	500
	600	✓	542	3551440130259	1.022,00	3551440130279	1.208,00	14,9	1,49	8,5	555	300	1,2066	500
	800		742	3551440130262	1.188,00	3551440130282	1.374,00	18,4	1,88	10,5	715	390	1,1849	700
1715	400	✓	342	3551440130253	1.104,00	3551440130273	1.289,00	15,2	1,47	8,7	528	276	1,2699	500
	500	✓	442	3551440130257	1.227,00	3551440130277	1.412,00	17,7	1,75	10,1	630	335	1,2377	600
	600	✓	542	3551440130260	1.317,00	3551440130280	1.503,00	20,1	2,01	11,5	733	394	1,2148	700
	800		742	3551440130263	1.571,00	3551440130283	1.757,00	24,8	2,54	14,2	939	513	1,1845	900

For output at different Δt , please refer to the following formula: $\text{desired output} = \text{output at } \Delta t 50 \times (\text{Desired } \Delta t / 50)^n$

LEILA

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 134)
- ☒ Dual energy (see page 350)

AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option
chromed

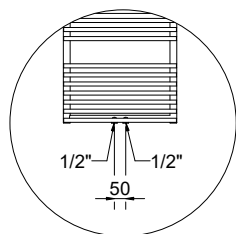


Kristal valve corner Right
or Left with thermostatic
option chromed

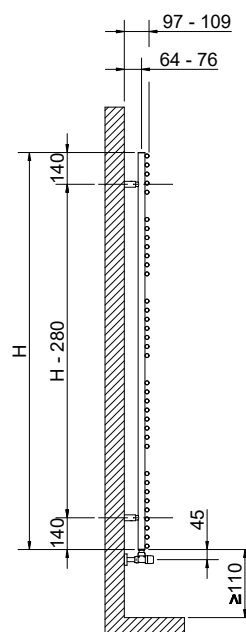
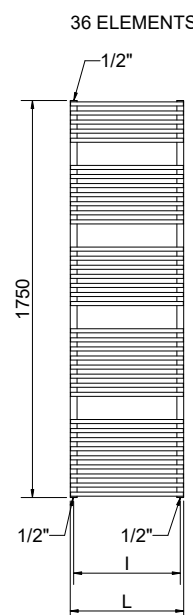
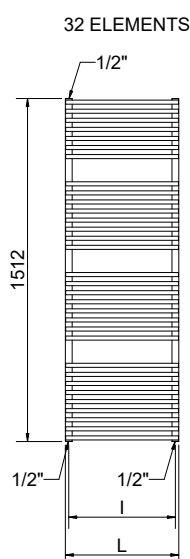
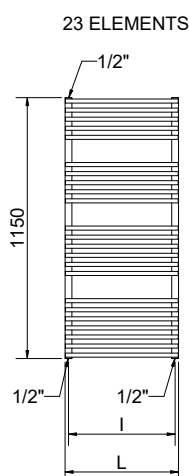
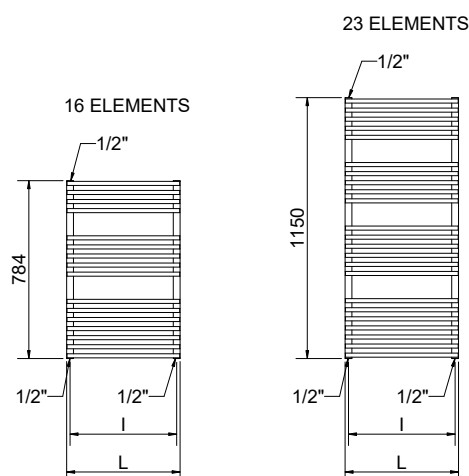
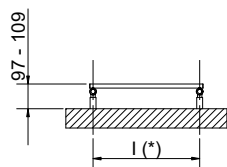


Thermostatic head
Kristal TC chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Detail of the 50 mm pipe-centres version.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LEILA POLISHED STAINLESS STEEL

PIPE CENTRES 50 mm					Thermal output								
Height	Width	Pipe Centres		Price		Price	Dry Weight	Surface	Water content	Δt 50°C	Δt 30°C	Exp.	Dual energy kit
[mm]	L [mm]	l [mm]	Art. nr.	[€]	Art. nr.	[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n	[Watt]
784	400	370	3551560400001	543,00	3551560400051	737,00	5,7	0,50	2,0	217	118	1,2007	-
	450	420	3551560400002	564,00	3551560400052	759,00	6,2	0,55	2,2	237	129	1,1963	-
	500	470	3551560400003	586,00	3551560400053	781,00	6,6	0,60	2,3	258	140	1,1919	-
	600	570	3551560400005	633,00	3551560400055	828,00	7,6	0,69	2,6	299	163	1,1831	300
1150	400	370	3551560400006	713,00	3551560400056	908,00	8,2	0,73	3,0	313	167	1,2306	300
	450	420	3551560400007	726,00	3551560400057	921,00	8,9	0,82	3,1	342	182	1,2324	300
	500	470	3551560400008	775,00	3551560400058	970,00	9,6	0,87	3,3	370	197	1,2342	300
	600	570	3551560400010	823,00	3551560400060	1.018,00	11,0	0,99	3,7	428	227	1,2378	400
1512	800	770	3551560400021	949,00	3551560400071	1.144,00	13,3	1,27	4,5	544	288	1,2426	500
	400	370	3551560400011	858,00	3551560400061	1.053,00	11,2	1,00	4,0	416	220	1,2434	400
	450	420	3551560400012	913,00	3551560400062	1.108,00	12,1	1,10	4,3	455	242	1,2393	400
	500	470	3551560400013	947,00	3551560400063	1.142,00	13,1	1,19	4,6	493	262	1,2352	500
1750	600	570	3551560400015	1.035,00	3551560400065	1.229,00	15,1	1,37	5,1	570	305	1,2270	600
	800	770	3551560400022	1.204,00	3551560400072	1.399,00	18,3	1,73	6,2	724	389	1,2159	700
	400	370	3551560400016	980,00	3551560400066	1.175,00	12,7	1,14	4,6	490	259	1,2518	500
	450	420	3551560400017	1.007,00	3551560400067	1.201,00	13,8	1,25	4,9	536	284	1,2438	500
	500	470	3551560400018	1.081,00	3551560400068	1.276,00	14,9	1,34	5,2	581	307	1,2459	600
	600	570	3551560400020	1.216,00	3551560400070	1.411,00	17,1	1,55	5,9	673	361	1,2199	700
	800	770	3551560400023	1.438,00	3551560400073	1.633,00	20,7	1,95	7,1	857	468	1,1852	900

For output at different ΔT , please refer to the following formula: desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ

ALESSANDRA

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- 30x10 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 136)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option chromed

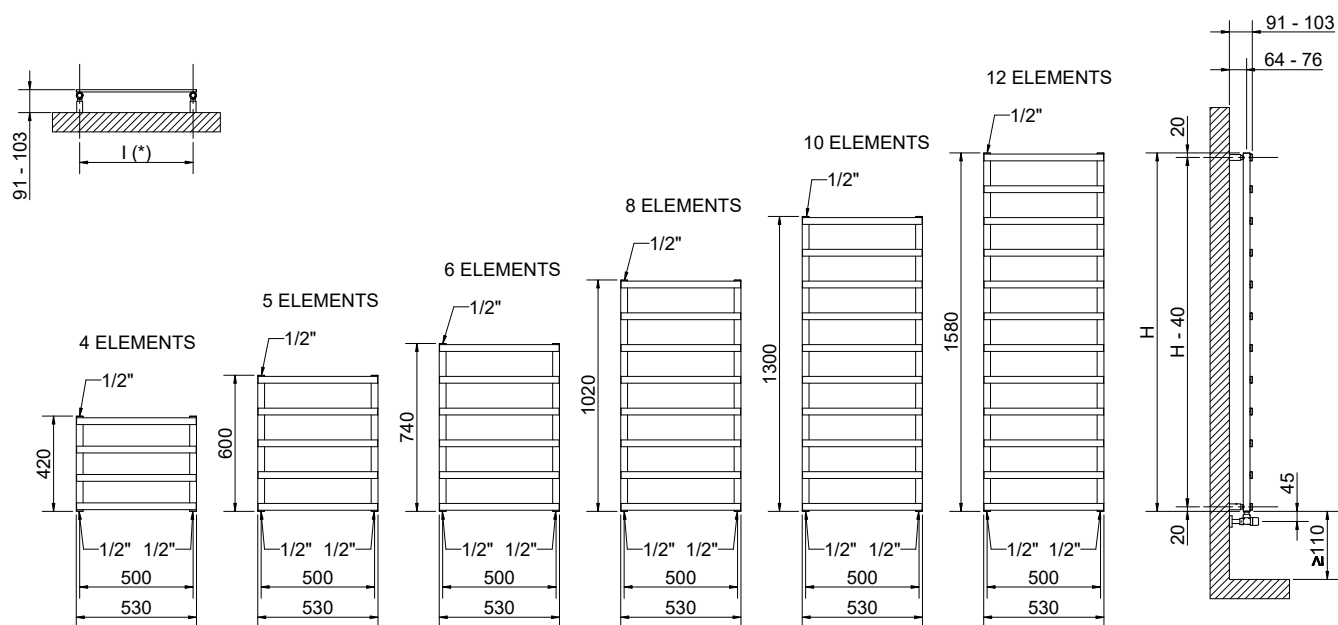


Kristal valve corner Right or Left with thermostatic option chromed



Thermostatic head Kristal TC chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ALESSANDRA POLISHED STAINLESS STEEL

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551680400001	522,00	2,49	0,25	0,92	122	68	1,1437
600	530	500	3551680400002	611,00	3,25	0,32	1,24	152	85	1,1529
740	530	500	3551680400003	694,00	4,01	0,39	1,51	177	98	1,1601
1020	530	500	3551680400004	869,00	4,77	0,53	2,05	228	125	1,1814
1300	530	500	3551680400005	1.020,00	5,52	0,66	2,59	286	157	1,1804
1580	530	500	3551680400006	1.150,00	6,27	0,81	3,13	353	193	1,1795

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

ALESSANDRA

SATIN STAINLESS STEEL

 **WARRANTY 10 YEARS**



MATERIAL:

- Ø 30 mm vertical collectors in satin stainless steel.
- 30x10 mm horizontal elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: **8 bar**

T. max: **110°C**

Functioning: **hot water**

Connections: **n° 2 x 1/2" G - 1 x 1/2" G**

AVAILABLE FUNCTIONS

☒ Hot water

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option satin

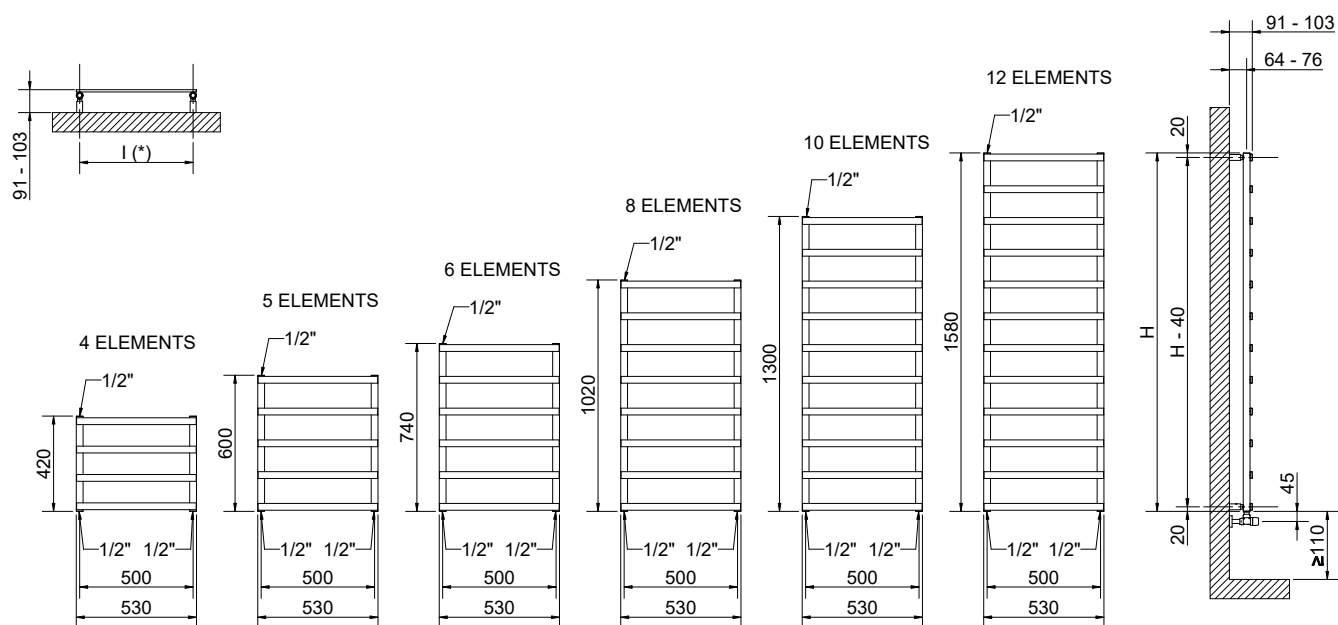


Kristal valve corner Right or Left thermostatic option satin



Thermostatic head Kristal TC satin

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

ALESSANDRA SATIN STAINLESS STEEL

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551680450001	565,00	2,57	0,25	1,32	125	70	1,1333
600	530	500	3551680450002	667,00	3,36	0,32	1,74	164	91	1,1378
740	530	500	3551680450003	761,00	4,03	0,39	2,11	193	108	1,1413
1020	530	500	3551680450004	939,00	5,41	0,53	2,86	251	139	1,1559
1300	530	500	3551680450005	1.126,00	6,80	0,66	3,60	310	170	1,1785
1580	530	500	3551680450006	1.309,00	8,18	0,80	4,34	372	201	1,2011

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

LAURA

POLISHED STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 25 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

- ☒ Hot water
- ☒ Electric (see page 138)

AVAILABLE ACCESSORIES



Kristal valve angled with thermostatic option chromed

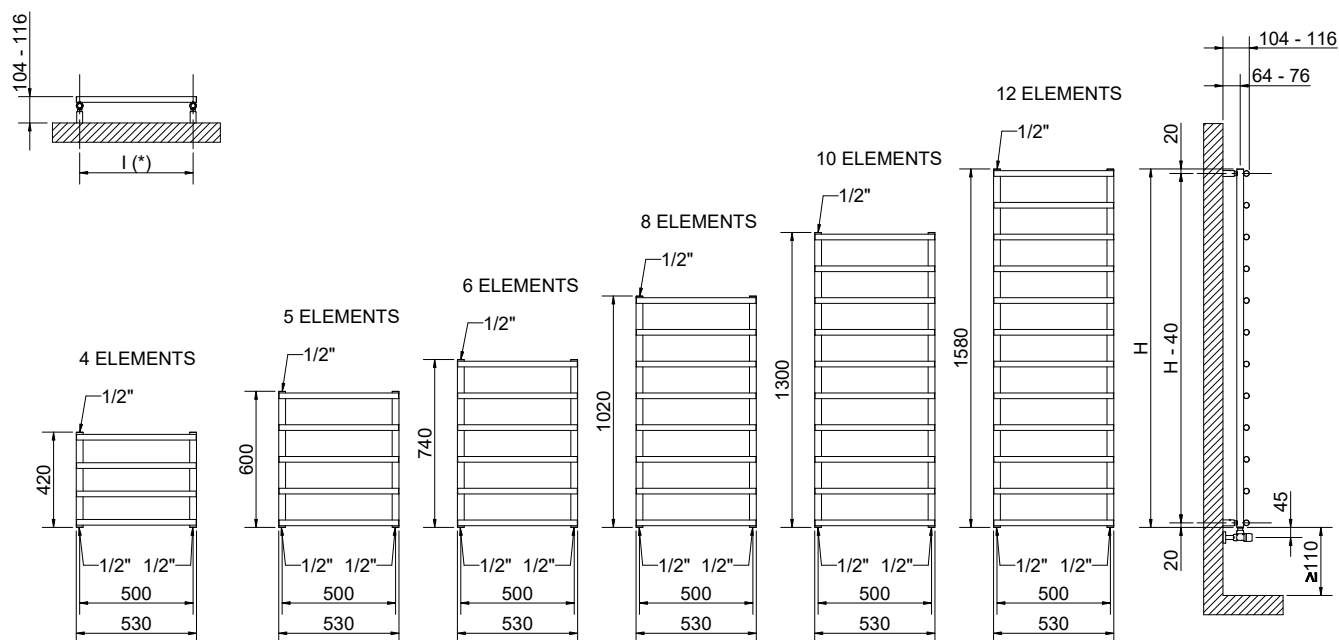


Kristal valve corner Right or Left with thermostatic option chromed



Thermostatic head Kristal TC chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LAURA POLISHED STAINLESS STEEL

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551570400001	417,00	2,57	0,25	1,32	112	63	1,1405
600	530	500	3551570400002	467,00	3,36	0,32	1,74	146	81	1,1542
740	530	500	3551570400003	513,00	4,03	0,39	2,11	173	95	1,1648
1020	530	500	3551570400004	598,00	5,41	0,53	2,86	228	124	1,1861
1300	530	500	3551570400005	693,00	6,80	0,66	3,60	288	158	1,1765
1580	530	500	3551570400006	793,00	8,18	0,80	4,34	354	193	1,1829

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

LAURA

SATIN STAINLESS STEEL

 WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm vertical collectors in satin stainless steel.
- Ø 25 mm horizontal elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

AVAILABLE FUNCTIONS

☒ Hot water

AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option satin

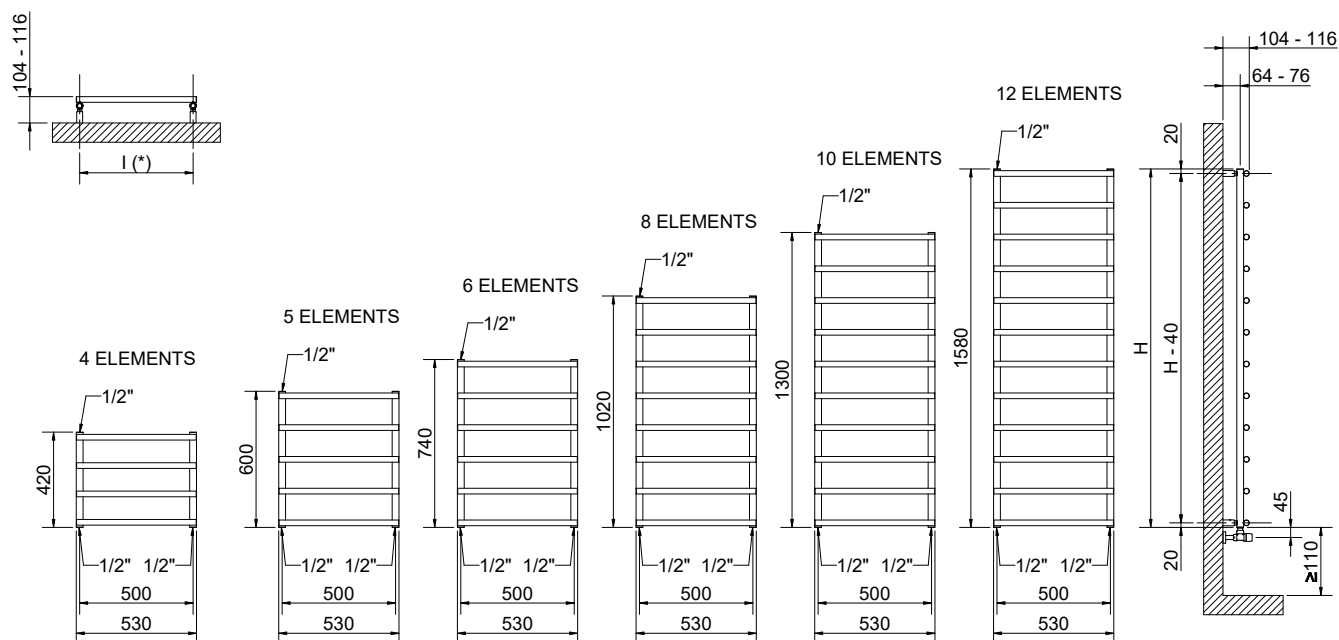


Kristal valve corner Right
or Left thermostatic option
satin



Thermostatic head
Kristal TC satin

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LAURA SATIN STAINLESS STEEL

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551570450001	482,00	2,57	0,25	1,32	121	68	1,1605
600	530	500	3551570450002	568,00	3,36	0,32	1,74	158	88	1,1742
740	530	500	3551570450003	632,00	4,03	0,39	2,11	187	103	1,1855
1020	530	500	3551570450004	766,00	5,41	0,53	2,86	247	134	1,2062
1300	530	500	3551570450005	902,00	6,80	0,66	3,60	312	171	1,1966
1580	530	500	3551570450006	1.039,00	8,18	0,80	4,34	383	209	1,2031

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

LAURA

BRASS | ANTIQUE COPPER

NEW



EUROPEAN WARRANTY



Brass



Antique copper

FEATURES

P. max: 8 bar

T. max: 110°C

Functioning: hot water

Connections: n° 2 x 1/2" G - 1 x 1/2" G

MATERIAL:

- Ø 30 mm vertical collectors in stainless steel brass / antique copper.
- Ø 25 mm horizontal heating elements in stainless steel brass / antique copper.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

CERTIFICATES



AVAILABLE FUNCTIONS

☒ Hot water

AVAILABLE ACCESSORIES



Kristal Valve Angled
Manual Brass

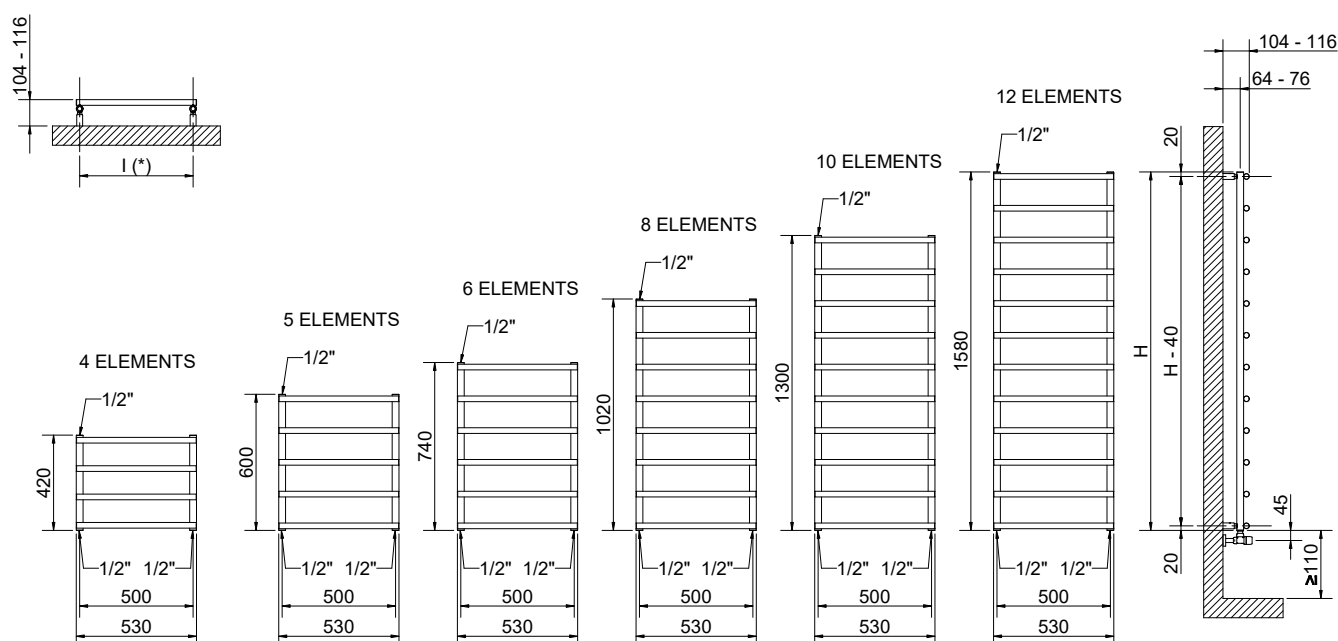


Kristal Valve Angled
Manual Antique copper



Covering Pipe Set
- Brass
- Antique copper

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



(*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

LAURA BRASS

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551570400007	999,00	2,57	0,25	1,32	112	63	1,1405
600	530	500	3551570400008	1.050,00	3,36	0,32	1,74	146	81	1,1542
740	530	500	3551570400009	1.111,00	4,03	0,39	2,11	173	95	1,1648
1020	530	500	3551570400010	1.310,00	5,41	0,53	2,86	228	124	1,1861
1300	530	500	3551570400011	1.550,00	6,80	0,66	3,60	288	158	1,1765
1580	530	500	3551570400012	1.750,00	8,18	0,80	4,34	354	193	1,1829

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

LAURA ANTIQUE COPPER

Height	Width	Pipe Centres	Art. nr.	Price	Dry Weight	Surface	Water content	Thermal output		
								Δt 50°C	Δt 30°C	Exponent
[mm]	L [mm]	l [mm]		[€]	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
420	530	500	3551570400013	999,00	2,57	0,25	1,32	112	63	1,1405
600	530	500	3551570400014	1.050,00	3,36	0,32	1,74	146	81	1,1542
740	530	500	3551570400015	1.111,00	4,03	0,39	2,11	173	95	1,1648
1020	530	500	3551570400016	1.310,00	5,41	0,53	2,86	228	124	1,1861
1300	530	500	3551570400017	1.550,00	6,80	0,66	3,60	288	158	1,1765
1580	530	500	3551570400018	1.750,00	8,18	0,80	4,34	354	193	1,1829

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta t / 50)^n$

GIADA 18

POLISHED STAINLESS STEEL VERTICAL



MATERIAL:

- Ø 30 mm horizontal collectors in polished stainless steel.
- Ø 18 mm vertical elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

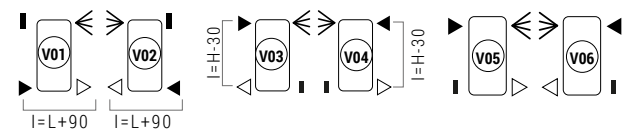
FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

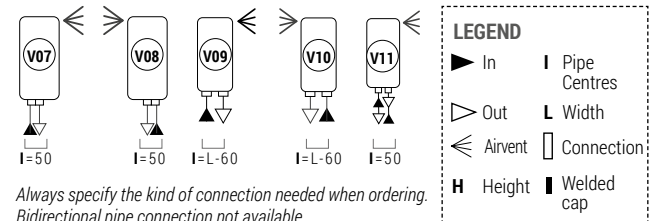
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



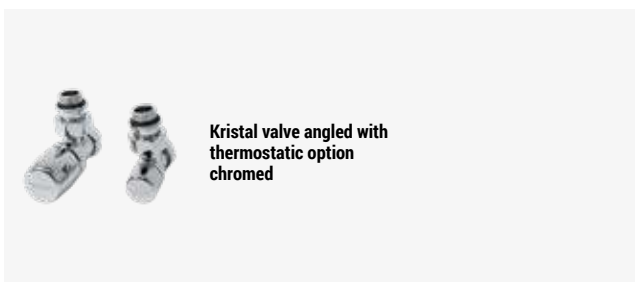
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	11,3	13,6	15,9	20,4	24,7	29	33,2	35,3	37,3
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	5,9	7,1	8,2	10,5	12,7	14,8	16,9	18	19
Dry Weight per element [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672	0,714
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332	0,352
Element surface [m ²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090	0,095
Exponent n	1,2866	1,2889	1,2912	1,2958	1,3005	1,3079	1,3152	1,3189	1,3225
Pipe Centres I [mm] (V3-V4 only)	370	470	570	770	970	1170	1370	1470	1570

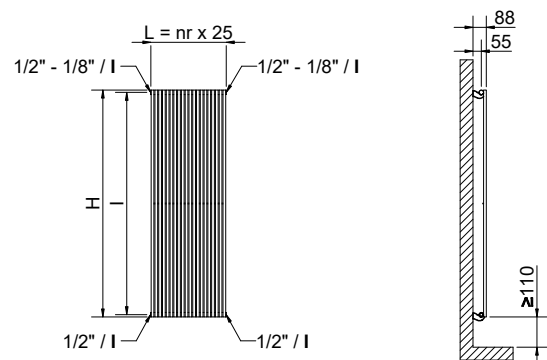
For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50 \times (\text{Desired } \Delta T / 50)^n$**

Height H [mm]	1700	1800	1900	2000	2200	2300
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	39,4	41,5	43,6	45,7	49,8	51,9
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	20,1	21,1	22,2	23,2	25,3	26,4
Dry Weight per element [kg]	0,756	0,798	0,840	0,882	0,966	1,008
Water content [lt]	0,372	0,392	0,412	0,432	0,472	0,492
Element surface [m ²]	0,101	0,106	0,112	0,118	0,129	0,135
Exponent n	1,3231	1,3236	1,3241	1,3246	1,3257	1,3263
Pipe Centres I [mm] (V3-V4 only)	1670	1770	1870	1970	2170	2270

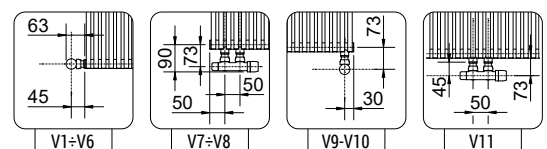
AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option
chromed



Quotes for Kristal valves



Complete list, codes, prices, and details of the ACCESSORIES from page 332.

POLISHED STAINLESS STEEL VERTICAL

			Thermal output				
Elements	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	[Kg]		[Watt]		Art. nr.	Price [€]
H 500 mm							
8	200	2,0	109	82	57	GI18 08 050 V _ X01 C	481,00
10	250	2,5	136	102	71	GI18 10 050 V _ X01 C	565,00
12	300	3,0	163	122	85	GI18 12 050 V _ X01 C	649,00
14	350	3,5	190	143	99	GI18 14 050 V _ X01 C	733,00
15	375	3,8	204	153	107	GI18 15 050 V _ X01 C	775,00
16	400	4,0	218	163	114	GI18 16 050 V _ X01 C	817,00
18	450	4,5	245	184	128	GI18 18 050 V _ X01 C	901,00
20	500	5,0	272	204	142	GI18 20 050 V _ X01 C	985,00
22	550	5,5	299	224	156	GI18 22 050 V _ X01 C	1.069,00
24	600	6,0	326	245	170	GI18 24 050 V _ X01 C	1.153,00
28	700	7,1	381	286	199	GI18 28 050 V _ X01 C	1.321,00
32	800	8,1	435	326	227	GI18 32 050 V _ X01 C	1.489,00
38	950	9,6	517	388	270	GI18 38 050 V _ X01 C	1.741,00
H 600 mm							
8	200	2,4	128	96	66	GI18 08 060 V _ X01 C	521,00
10	250	2,9	160	120	83	GI18 10 060 V _ X01 C	607,00
12	300	3,5	192	144	99	GI18 12 060 V _ X01 C	693,00
14	350	4,1	224	168	116	GI18 14 060 V _ X01 C	779,00
15	375	4,4	240	180	124	GI18 15 060 V _ X01 C	822,00
16	400	4,7	256	192	132	GI18 16 060 V _ X01 C	865,00
18	450	5,3	288	216	149	GI18 18 060 V _ X01 C	951,00
20	500	5,9	320	240	165	GI18 20 060 V _ X01 C	1.037,00
22	550	6,5	352	264	182	GI18 22 060 V _ X01 C	1.123,00
24	600	7,1	384	288	199	GI18 24 060 V _ X01 C	1.209,00
28	700	8,2	448	336	232	GI18 28 060 V _ X01 C	1.381,00
32	800	9,4	512	384	265	GI18 32 060 V _ X01 C	1.553,00
38	950	11,2	608	456	314	GI18 38 060 V _ X01 C	1.885,00
H 800 mm							
8	200	3,0	163	122	84	GI18 08 080 V _ X01 C	565,00
10	250	3,8	204	153	105	GI18 10 080 V _ X01 C	653,00
12	300	4,5	245	183	126	GI18 12 080 V _ X01 C	741,00
14	350	5,3	286	214	147	GI18 14 080 V _ X01 C	829,00
15	375	5,7	306	229	158	GI18 15 080 V _ X01 C	873,00
16	400	6,0	326	244	168	GI18 16 080 V _ X01 C	917,00
18	450	6,8	367	275	189	GI18 18 080 V _ X01 C	1.005,00
19	475	7,2	388	290	200	GI18 19 080 V _ X01 C	1.049,00
20	500	7,6	408	306	210	GI18 20 080 V _ X01 C	1.093,00
22	550	8,3	449	336	232	GI18 22 080 V _ X01 C	1.181,00
24	600	9,1	490	367	253	GI18 24 080 V _ X01 C	1.269,00
26	650	9,8	530	397	274	GI18 26 080 V _ X01 C	1.357,00
30	750	11,3	612	458	316	GI18 30 080 V _ X01 C	1.533,00
32	800	12,1	653	489	337	GI18 32 080 V _ X01 C	1.621,00
36	900	13,6	734	550	379	GI18 36 080 V _ X01 C	1.797,00
H 1000 mm							
8	200	3,7	198	148	102	GI18 08 100 V _ X01 C	588,00
10	250	4,6	247	185	127	GI18 10 100 V _ X01 C	678,00
12	300	5,5	296	222	153	GI18 12 100 V _ X01 C	768,00
14	350	6,5	346	259	178	GI18 14 100 V _ X01 C	858,00
16	400	7,4	395	296	203	GI18 16 100 V _ X01 C	948,00
18	450	8,3	445	333	229	GI18 18 100 V _ X01 C	1.038,00
20	500	9,2	494	370	254	GI18 20 100 V _ X01 C	1.128,00
22	550	10,2	543	407	280	GI18 22 100 V _ X01 C	1.218,00
24	600	11,1	593	443	305	GI18 24 100 V _ X01 C	1.308,00
25	625	11,6	618	462	318	GI18 25 100 V _ X01 C	1.353,00
26	650	12,0	642	480	330	GI18 26 100 V _ X01 C	1.398,00
28	700	12,9	692	517	356	GI18 28 100 V _ X01 C	1.488,00
30	750	13,9	741	554	381	GI18 30 100 V _ X01 C	1.578,00
32	800	14,8	790	591	407	GI18 32 100 V _ X01 C	1.668,00
34	850	15,7	840	628	432	GI18 36 100 V _ X01 C	1.758,00
H 1200 mm							
10	250	5,5	290	217	149	GI18 10 120 V _ X01 C	698,00
12	300	6,6	348	260	178	GI18 12 120 V _ X01 C	790,00
14	350	7,6	406	303	208	GI18 14 120 V _ X01 C	882,00
16	400	8,7	464	347	238	GI18 16 120 V _ X01 C	974,00
18	450	9,8	522	390	268	GI18 18 120 V _ X01 C	1.066,00
20	500	10,9	580	433	297	GI18 20 120 V _ X01 C	1.158,00
22	550	12,0	638	477	327	GI18 22 120 V _ X01 C	1.250,00
24	600	13,1	696	520	357	GI18 24 120 V _ X01 C	1.342,00
26	650	14,2	754	563	387	GI18 26 120 V _ X01 C	1.434,00
28	700	15,3	812	606	416	GI18 28 120 V _ X01 C	1.526,00
30	750	16,4	870	650	446	GI18 30 120 V _ X01 C	1.618,00
32	800	17,5	928	693	476	GI18 32 120 V _ X01 C	1.710,00
34	850	18,6	986	736	505	GI18 34 120 V _ X01 C	1.802,00

POLISHED STAINLESS STEEL VERTICAL

Elements	Width	Dry Weight	Thermal output			Art. nr.	Price [€]
			Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	[Kg]		[Watt]			
H 1400 mm							
10	250	6,3	332	248	170	GI18 10 140 V _ X01 C	734,00
12	300	7,6	398	297	203	GI18 12 140 V _ X01 C	828,00
14	350	8,8	465	347	237	GI18 14 140 V _ X01 C	922,00
16	400	10,1	531	396	271	GI18 16 140 V _ X01 C	1.016,00
18	450	11,3	598	446	305	GI18 18 140 V _ X01 C	1.110,00
20	500	12,6	664	495	339	GI18 20 140 V _ X01 C	1.204,00
22	550	13,9	730	545	373	GI18 22 140 V _ X01 C	1.298,00
24	600	15,1	797	594	407	GI18 24 140 V _ X01 C	1.392,00
26	650	16,4	863	644	441	GI18 26 140 V _ X01 C	1.486,00
28	700	17,6	930	693	475	GI18 28 140 V _ X01 C	1.580,00
30	750	18,9	996	743	509	GI18 30 140 V _ X01 C	1.674,00
32	800	20,2	1062	792	543	GI18 32 140 V _ X01 C	1.768,00
34	850	21,4	1129	842	577	GI18 34 140 V _ X01 C	1.862,00
H 1500 mm							
8	200	5,4	282	210	144	GI18 08 150 V _ X01 C	675,00
10	250	6,7	353	263	180	GI18 10 150 V _ X01 C	771,00
12	300	8,1	424	316	216	GI18 12 150 V _ X01 C	867,00
14	350	9,4	494	368	252	GI18 14 150 V _ X01 C	963,00
16	400	10,8	565	421	288	GI18 16 150 V _ X01 C	1.059,00
18	450	12,1	635	473	324	GI18 18 150 V _ X01 C	1.155,00
20	500	13,4	706	526	360	GI18 20 150 V _ X01 C	1.251,00
22	550	14,8	777	579	396	GI18 22 150 V _ X01 C	1.347,00
24	600	16,1	847	631	432	GI18 24 150 V _ X01 C	1.443,00
26	650	17,5	918	684	468	GI18 26 150 V _ X01 C	1.539,00
28	700	18,8	988	736	504	GI18 28 150 V _ X01 C	1.635,00
30	750	20,2	1059	789	540	GI18 30 150 V _ X01 C	1.731,00
32	800	21,5	1130	842	576	GI18 32 150 V _ X01 C	1.827,00
34	850	22,8	1200	894	612	GI18 34 150 V _ X01 C	1.923,00
H 1600 mm							
8	200	5,7	298	222	152	GI18 08 160 V _ X01 C	693,00
10	250	7,1	373	278	190	GI18 10 160 V _ X01 C	791,00
12	300	8,6	448	333	228	GI18 12 160 V _ X01 C	889,00
14	350	10,0	522	389	266	GI18 14 160 V _ X01 C	987,00
16	400	11,4	597	444	304	GI18 16 160 V _ X01 C	1.085,00
18	450	12,9	671	500	342	GI18 18 160 V _ X01 C	1.183,00
20	500	14,3	746	555	380	GI18 20 160 V _ X01 C	1.281,00
22	550	15,7	821	611	418	GI18 22 160 V _ X01 C	1.379,00
24	600	17,1	895	666	456	GI18 24 160 V _ X01 C	1.477,00
26	650	18,6	970	722	494	GI18 26 160 V _ X01 C	1.575,00
28	700	20,0	1044	778	531	GI18 28 160 V _ X01 C	1.673,00
30	750	21,4	1119	833	569	GI18 30 160 V _ X01 C	1.771,00
32	800	22,8	1194	889	607	GI18 32 160 V _ X01 C	1.869,00
34	850	24,3	1268	944	645	GI18 34 160 V _ X01 C	1.967,00
H 1800 mm							
8	200	5,4	282	210	144	GI18 08 180 V _ X01 C	716,00
10	250	6,7	353	263	180	GI18 10 180 V _ X01 C	822,00
12	300	8,1	424	316	216	GI18 12 180 V _ X01 C	928,00
14	350	9,4	494	368	252	GI18 14 180 V _ X01 C	1.034,00
16	400	10,8	565	421	288	GI18 16 180 V _ X01 C	1.140,00
18	450	12,1	635	473	324	GI18 18 180 V _ X01 C	1.246,00
20	500	13,4	706	526	360	GI18 20 180 V _ X01 C	1.352,00
22	550	14,8	777	579	396	GI18 22 180 V _ X01 C	1.458,00
24	600	16,1	847	631	432	GI18 24 180 V _ X01 C	1.564,00
26	650	17,5	918	684	468	GI18 26 180 V _ X01 C	1.670,00
28	700	18,8	988	736	504	GI18 28 180 V _ X01 C	1.776,00
30	750	20,2	1059	789	540	GI18 30 180 V _ X01 C	1.882,00
32	800	21,5	1130	842	576	GI18 32 180 V _ X01 C	1.988,00
34	850	22,8	1200	894	612	GI18 34 180 V _ X01 C	2.094,00
H 2000 mm							
8	200	5,7	298	222	152	GI18 08 200 V _ X01 C	736,00
10	250	7,1	373	278	190	GI18 10 200 V _ X01 C	848,00
12	300	8,6	448	333	228	GI18 12 200 V _ X01 C	960,00
14	350	10,0	522	389	266	GI18 14 200 V _ X01 C	1.072,00
16	400	11,4	597	444	304	GI18 16 200 V _ X01 C	1.184,00
18	450	12,9	671	500	342	GI18 18 200 V _ X01 C	1.296,00
20	500	14,3	746	555	380	GI18 20 200 V _ X01 C	1.408,00
22	550	15,7	821	611	418	GI18 22 200 V _ X01 C	1.520,00
24	600	17,1	895	666	456	GI18 24 200 V _ X01 C	1.632,00
26	650	18,6	970	722	494	GI18 26 200 V _ X01 C	1.744,00
28	700	20,0	1044	778	531	GI18 28 200 V _ X01 C	1.856,00
30	750	21,4	1119	833	569	GI18 30 200 V _ X01 C	1.968,00
32	800	22,8	1194	889	607	GI18 32 200 V _ X01 C	2.080,00
34	850	24,3	1268	944	645	GI18 34 200 V _ X01 C	2.192,00

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

GIADA 18

POLISHED STAINLESS STEEL HORIZONTAL

WARRANTY 10 YEARS

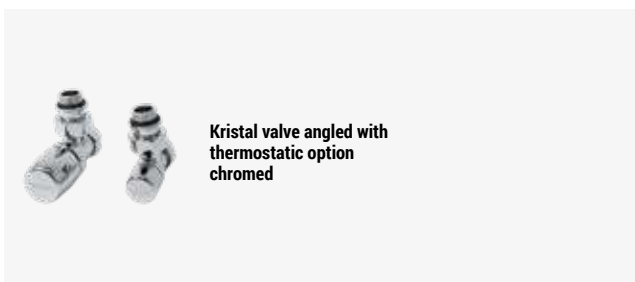


Width L [mm]	400	500	600	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332
Element surface [m ²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090
Pipe Centres I [mm] (H1 only)	370	470	570	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

Width L [mm]	1600	1700	1800	1900	2000	2200	2300
Dry Weight per element [kg]	0,714	0,756	0,798	0,840	0,882	0,966	1,008
Water content [lt]	0,352	0,372	0,392	0,412	0,432	0,472	0,491
Element surface [m ²]	0,095	0,101	0,106	0,112	0,118	0,129	0,135
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2170	2270

AVAILABLE ACCESSORIES



Kristal valve angled with
thermostatic option
chromed

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm vertical collectors in polished stainless steel.
- Ø 18 mm horizontal elements in polished stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

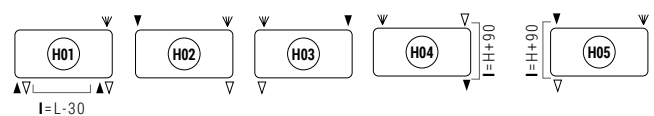
FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

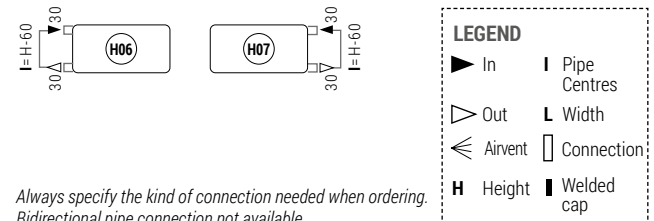
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



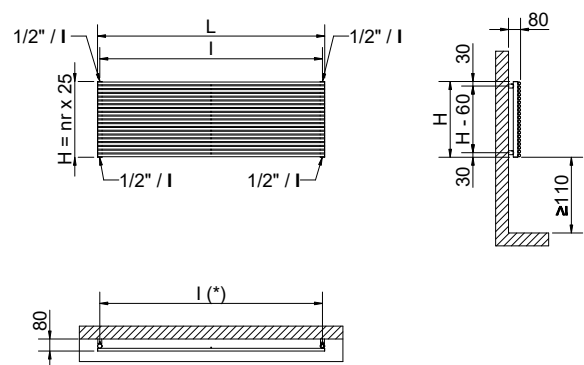
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



LEGEND

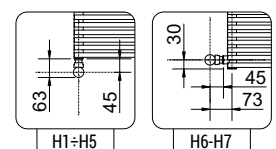
- ▶ In
- ◀ Out
- ⋈ Airvent
- H Height
- I Pipe Centres
- L Width
- Connection
- Welded cap

Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



(*) Pipe center (I) measure of the fixing kit

Quotes for Kristal valves



GIADA 18

POLISHED STAINLESS STEEL HORIZONTAL

				Thermal output				
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	n	[Kg]	[Watt]			Art. nr.	Price [€]
H 350 mm								
14	600	1,3305	4,1	201	149	102	GI18 14 060 H__ X01 C	733,00
	800	1,3305	5,3	368	273	186	GI18 14 080 H__ X01 C	779,00
	1000	1,3305	6,5	335	249	170	GI18 14 100 H__ X01 C	829,00
	1200	1,3305	7,6	402	299	204	GI18 14 120 H__ X01 C	858,00
	1400	1,3305	8,8	469	349	238	GI18 14 140 H__ X01 C	882,00
	1600	1,3305	10,0	536	398	272	GI18 14 160 H__ X01 C	963,00
	1800	1,3305	11,2	603	448	306	GI18 14 180 H__ X01 C	1.002,00
	1900	1,3305	11,8	637	473	323	GI18 14 190 H__ X01 C	1.034,00
	2000	1,3305	12,3	670	498	340	GI18 14 200 H__ X01 C	1.055,00
H 400 mm								
16	600	1,2831	4,7	232	174	120	GI18 16 060 H__ X01 C	817,00
	800	1,2831	6,0	309	232	160	GI18 16 080 H__ X01 C	865,00
	1000	1,2831	7,4	386	290	200	GI18 16 100 H__ X01 C	917,00
	1200	1,2831	8,7	463	348	240	GI18 16 120 H__ X01 C	948,00
	1400	1,2831	10,1	540	406	280	GI18 16 140 H__ X01 C	974,00
	1600	1,2831	11,4	618	464	321	GI18 16 160 H__ X01 C	1.059,00
	1800	1,2831	12,8	695	522	361	GI18 16 180 H__ X01 C	1.102,00
	1900	1,2831	13,4	733	551	381	GI18 16 190 H__ X01 C	1.140,00
	2000	1,2831	14,1	772	580	401	GI18 16 200 H__ X01 C	1.165,00
H 500 mm								
20	600	1,2483	5,9	289	219	153	GI18 20 060 H__ X01 C	985,00
	800	1,2483	7,6	385	291	203	GI18 20 080 H__ X01 C	1.037,00
	1000	1,2483	9,2	481	364	254	GI18 20 100 H__ X01 C	1.093,00
	1200	1,2483	10,9	578	437	305	GI18 20 120 H__ X01 C	1.128,00
	1400	1,2483	12,6	674	510	356	GI18 20 140 H__ X01 C	1.158,00
	1600	1,2483	14,3	770	583	407	GI18 20 160 H__ X01 C	1.251,00
	1800	1,2483	16,0	867	656	458	GI18 20 180 H__ X01 C	1.302,00
	1900	1,2483	16,8	915	693	484	GI18 20 190 H__ X01 C	1.352,00
	2000	1,2483	17,6	963	729	509	GI18 20 200 H__ X01 C	1.385,00

GIADA 18

POLISHED STAINLESS STEEL HORIZONTAL

				Thermal output				
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	n	[Kg]	[Watt]			Art. nr.	Price [€]
H 600 mm								
24	600	1,2885	7,1	340	255	176	GI18 24 060 H__ X01 C	1.153,00
	800	1,2885	9,1	454	341	235	GI18 24 080 H__ X01 C	1.209,00
	1000	1,2885	11,1	567	425	294	GI18 24 100 H__ X01 C	1.269,00
	1200	1,2885	13,1	680	510	352	GI18 24 120 H__ X01 C	1.308,00
	1400	1,2885	15,1	794	596	411	GI18 24 140 H__ X01 C	1.342,00
	1600	1,2885	17,1	907	680	470	GI18 24 160 H__ X01 C	1.443,00
	1800	1,2885	19,2	1020	765	528	GI18 24 180 H__ X01 C	1.502,00
	1900	1,2885	20,2	1077	808	558	GI18 24 190 H__ X01 C	1.564,00
	2000	1,2885	21,2	1134	851	587	GI18 24 200 H__ X01 C	1.605,00
H 700 mm								
28	600	1,3288	8,2	385	286	195	GI18 28 060 H__ X01 C	1.321,00
	800	1,3288	10,6	513	381	260	GI18 28 080 H__ X01 C	1.381,00
	1000	1,3288	12,9	642	477	326	GI18 28 100 H__ X01 C	1.445,00
	1200	1,3288	15,3	770	572	391	GI18 28 120 H__ X01 C	1.488,00
	1400	1,3288	17,6	899	668	456	GI18 28 140 H__ X01 C	1.526,00
	1600	1,3288	20,0	1027	763	521	GI18 28 160 H__ X01 C	1.635,00
	1800	1,3288	22,3	1155	859	586	GI18 28 180 H__ X01 C	1.702,00
	2000	1,3288	23,5	1284	955	651	GI18 28 200 H__ X01 C	1.825,00
H 800 mm								
32	600	1,3057	9,4	423	316	217	GI18 32 060 H__ X01 C	1.489,00
	800	1,3057	12,1	565	422	290	GI18 32 080 H__ X01 C	1.553,00
	1000	1,3057	14,8	706	528	362	GI18 32 100 H__ X01 C	1.621,00
	1200	1,3057	17,5	847	633	435	GI18 32 120 H__ X01 C	1.668,00
	1400	1,3057	20,2	988	738	507	GI18 32 140 H__ X01 C	1.710,00
	1600	1,3057	22,8	1129	844	579	GI18 32 160 H__ X01 C	1.827,00
	1800	1,3057	25,5	1270	949	652	GI18 32 180 H__ X01 C	1.902,00
	2000	1,3057	26,9	1412	1055	725	GI18 32 200 H__ X01 C	2.045,00

HOW TO ORDER THE GIADA 18 POLISHED STAINLESS STEEL HORIZONTAL RADIATOR

Radiator model E.g.: GIADA 18 horizontal	Nr of Elements E.g.: 24 Elements	Width in mm Example: 800 mm	Connection code Example: connection H01	Art. nr. finishing Es: polished stainless steel	Constant value
GI18	24	080	H01	X01	C

Example of article code creation

GI18..... GIADA 18 HORIZONTAL
 24..... 24 Elements (see above)
 080..... Width 800 mm (see above)
 H01..... Connection H01 (see product page)
 X01..... Finishing polished stainless steel
 C..... Constant value

The article code will be:
GI18 24 080 H01 X01 C

GIADA 18

SATIN STAINLESS STEEL VERTICAL

WARRANTY 10 YEARS



MATERIAL:

- Ø 30 mm horizontal collectors in satin stainless steel.
- Ø 18 mm vertical elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

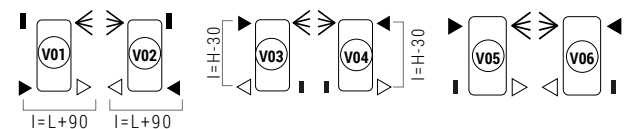
FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

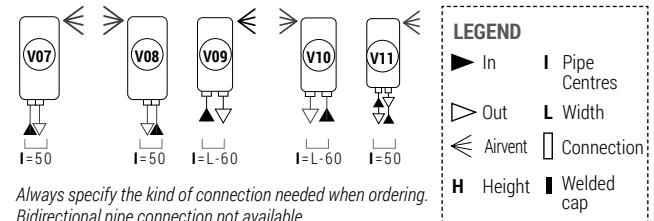
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	400	500	600	800	1000	1200	1400	1500	1600
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	11,8	14,1	16,6	21,2	25,7	30,2	34,5	36,7	38,8
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	6,0	7,4	8,5	10,9	13,2	15,4	17,6	18,7	19,8
Dry Weight per element [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672	0,714
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332	0,352
Element surface [m ²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090	0,095
Exponent n	1,3612	1,2981	1,3025	1,3063	1,3106	1,3183	1,3254	1,3292	1,3322
Pipe Centres I [mm] (V3-V4 only)	370	470	570	770	970	1170	1370	1470	1570

For output at different Δt , please refer to the following formula: **desired output = output at Δt 50 x (Desired $\Delta t/50$)ⁿ**

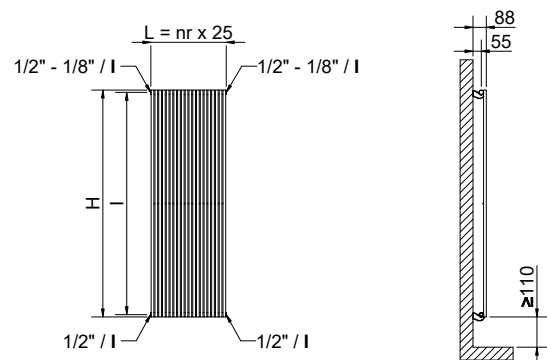
Height H [mm]	1700	1800	1900	2000	2200
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	41,0	43,2	45,3	47,5	51,8
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	20,9	21,9	23,1	24,1	26,3
Dry Weight per element [kg]	0,756	0,798	0,840	0,882	0,966
Water content [lt]	0,372	0,392	0,412	0,432	0,472
Element surface [m ²]	0,101	0,106	0,112	0,118	0,129
Exponent n	1,3329	1,3336	1,3342	1,3348	1,3459
Pipe Centres I [mm] (V3-V4 only)	1670	1770	1870	1970	2170

AVAILABLE ACCESSORIES

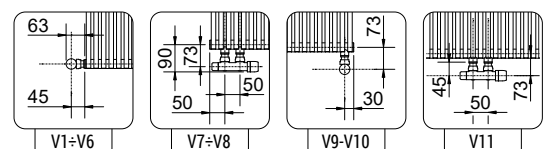


Kristal valve angled with
thermostatic option satin

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Quotes for Kristal valves



GIADA 18

SATIN STAINLESS STEEL VERTICAL

			Thermal output				
Elements	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	[Kg]	[Watt]			Art. nr.	Price [€]
H 500 mm							
8	200	2,0	113	84	59	GI18 08 050 V __ X02 C	760,00
10	250	2,5	141	106	74	GI18 10 050 V __ X02 C	862,00
12	300	3,0	169	127	89	GI18 12 050 V __ X02 C	964,00
14	350	3,5	197	148	104	GI18 14 050 V __ X02 C	1.066,00
15	375	3,8	212	158	111	GI18 15 050 V __ X02 C	1.117,00
16	400	4,0	226	169	118	GI18 16 050 V __ X02 C	1.168,00
18	450	4,5	254	190	133	GI18 18 050 V __ X02 C	1.270,00
20	500	5,0	282	211	148	GI18 20 050 V __ X02 C	1.372,00
22	550	5,5	310	232	163	GI18 22 050 V __ X02 C	1.474,00
24	600	6,0	338	253	178	GI18 24 050 V __ X02 C	1.576,00
28	700	7,1	395	296	207	GI18 28 050 V __ X02 C	1.780,00
32	800	8,1	451	338	237	GI18 32 050 V __ X02 C	1.984,00
38	950	9,6	536	401	281	GI18 38 050 V __ X02 C	2.290,00
H 600 mm							
8	200	2,4	133	99	68	GI18 08 060 V __ X02 C	790,00
10	250	2,9	166	124	85	GI18 10 060 V __ X02 C	894,00
12	300	3,5	199	149	102	GI18 12 060 V __ X02 C	998,00
14	350	4,1	232	174	119	GI18 14 060 V __ X02 C	1.102,00
15	375	4,4	249	186	128	GI18 15 060 V __ X02 C	1.154,00
16	400	4,7	266	199	137	GI18 16 060 V __ X02 C	1.206,00
18	450	5,3	299	223	154	GI18 18 060 V __ X02 C	1.310,00
20	500	5,9	332	248	171	GI18 20 060 V __ X02 C	1.414,00
22	550	6,5	365	273	188	GI18 22 060 V __ X02 C	1.518,00
24	600	7,1	398	298	205	GI18 24 060 V __ X02 C	1.622,00
28	700	8,2	465	348	239	GI18 28 060 V __ X02 C	1.830,00
32	800	9,4	531	397	273	GI18 32 060 V __ X02 C	2.038,00
38	950	11,2	631	472	324	GI18 38 060 V __ X02 C	2.350,00
H 800 mm							
8	200	3,0	170	127	87	GI18 08 080 V __ X02 C	816,00
10	250	3,8	212	158	109	GI18 10 080 V __ X02 C	924,00
12	300	4,5	254	190	131	GI18 12 080 V __ X02 C	1.032,00
14	350	5,3	297	222	152	GI18 14 080 V __ X02 C	1.140,00
15	375	5,7	318	238	163	GI18 15 080 V __ X02 C	1.194,00
16	400	6,0	339	253	174	GI18 16 080 V __ X02 C	1.248,00
18	450	6,8	382	285	196	GI18 18 080 V __ X02 C	1.356,00
19	475	7,2	403	301	207	GI18 19 080 V __ X02 C	1.410,00
20	500	7,6	424	317	218	GI18 20 080 V __ X02 C	1.464,00
22	550	8,3	466	348	239	GI18 22 080 V __ X02 C	1.572,00
24	600	9,1	509	380	261	GI18 24 080 V __ X02 C	1.680,00
26	650	9,8	551	412	283	GI18 26 080 V __ X02 C	1.788,00
30	750	11,3	636	475	326	GI18 30 080 V __ X02 C	2.004,00
32	800	12,1	678	507	348	GI18 32 080 V __ X02 C	2.112,00
36	900	13,6	763	570	392	GI18 36 080 V __ X02 C	2.328,00

GIADA 18

SATIN STAINLESS STEEL VERTICAL

Elements	Width	Dry Weight	Thermal output			Art. nr.	Price [€]
			Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	[Kg]	[Watt]				
H 1000 mm							
8	200	3,7	206	153	105	GI18 08 100 V __ X02 C	831,00
10	250	4,6	257	192	132	GI18 10 100 V __ X02 C	943,00
12	300	5,5	308	230	158	GI18 12 100 V __ X02 C	1.055,00
14	350	6,5	360	269	184	GI18 14 100 V __ X02 C	1.167,00
15	375	6,9	386	288	197	GI18 15 100 V __ X02 C	1.223,00
16	400	7,4	411	307	211	GI18 16 100 V __ X02 C	1.279,00
18	450	8,3	463	345	237	GI18 18 100 V __ X02 C	1.391,00
19	475	8,8	488	364	250	GI18 19 100 V __ X02 C	1.447,00
20	500	9,2	514	384	263	GI18 20 100 V __ X02 C	1.503,00
22	550	10,2	565	422	289	GI18 22 100 V __ X02 C	1.615,00
24	600	11,1	617	460	316	GI18 24 100 V __ X02 C	1.727,00
26	650	12,0	668	499	342	GI18 26 100 V __ X02 C	1.839,00
30	750	13,9	771	575	395	GI18 30 100 V __ X02 C	2.063,00
32	800	14,8	822	614	421	GI18 32 100 V __ X02 C	2.175,00
34	850	15,7	874	652	447	GI18 34 100 V __ X02 C	2.287,00
H 1200 mm							
10	250	5,5	302	225	154	GI18 10 120 V __ X02 C	995,00
12	300	6,6	362	270	185	GI18 12 120 V __ X02 C	1.109,00
13	325	7,1	393	293	200	GI18 13 120 V __ X02 C	1.166,00
14	350	7,6	423	315	216	GI18 14 120 V __ X02 C	1.223,00
15	375	8,2	453	338	231	GI18 15 120 V __ X02 C	1.280,00
16	400	8,7	483	360	246	GI18 16 120 V __ X02 C	1.337,00
18	450	9,8	544	405	277	GI18 18 120 V __ X02 C	1.451,00
20	500	10,9	604	450	308	GI18 20 120 V __ X02 C	1.565,00
22	550	12,0	664	495	339	GI18 22 120 V __ X02 C	1.679,00
24	600	13,1	725	540	370	GI18 24 120 V __ X02 C	1.793,00
28	700	15,3	846	630	431	GI18 28 120 V __ X02 C	2.021,00
30	750	16,4	906	675	462	GI18 30 120 V __ X02 C	2.135,00
34	850	18,6	1027	765	524	GI18 34 120 V __ X02 C	2.363,00
H 1400 mm							
10	250	6,3	345	257	175	GI18 10 140 V __ X02 C	1.034,00
12	300	7,6	414	308	210	GI18 12 140 V __ X02 C	1.150,00
13	325	8,2	449	334	228	GI18 13 140 V __ X02 C	1.208,00
14	350	8,8	483	359	245	GI18 14 140 V __ X02 C	1.266,00
15	375	9,5	518	385	263	GI18 15 140 V __ X02 C	1.324,00
16	400	10,1	552	411	280	GI18 16 140 V __ X02 C	1.382,00
18	450	11,3	621	462	316	GI18 18 140 V __ X02 C	1.498,00
20	500	12,6	690	513	351	GI18 20 140 V __ X02 C	1.614,00
22	550	13,9	759	565	386	GI18 22 140 V __ X02 C	1.730,00
24	600	15,1	828	616	421	GI18 24 140 V __ X02 C	1.846,00
28	700	17,6	966	719	491	GI18 28 140 V __ X02 C	2.078,00
30	750	18,9	1035	770	526	GI18 30 140 V __ X02 C	2.194,00
34	850	21,4	1173	873	596	GI18 34 140 V __ X02 C	2.426,00

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

GIADA 18

SATIN STAINLESS STEEL HORIZONTAL

WARRANTY 10 YEARS



Width L [mm]	400	500	600	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,211	0,252	0,294	0,378	0,462	0,546	0,630	0,672
Water content [lt]	0,110	0,130	0,151	0,191	0,231	0,271	0,311	0,332
Element surface [m ²]	0,027	0,033	0,039	0,050	0,061	0,073	0,084	0,090
Pipe Centres I [mm] (H1 only)	370	470	570	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

Width L [mm]	1600	1700	1800	1900	2000
Dry Weight per element [kg]	0,714	0,756	0,798	0,840	0,882
Water content [lt]	0,352	0,372	0,392	0,412	0,432
Element surface [m ²]	0,095	0,101	0,106	0,112	0,118
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970

AVAILABLE ACCESSORIES



Kristal valve corner Right
or Left thermostatic option
satin

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm vertical collectors in satin stainless steel.
- Ø 18 mm horizontal elements in satin stainless steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene.
User notice included.

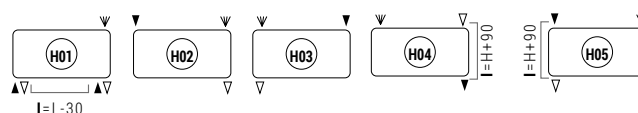
FEATURES:

It is totally made in stainless steel with an unalterable finishing guaranteed during the years.

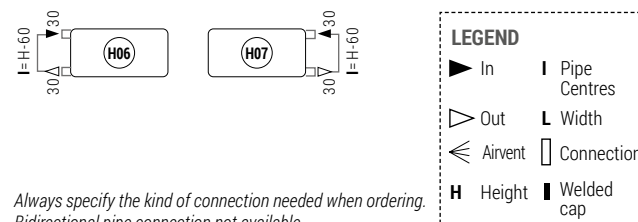
CERTIFICATES



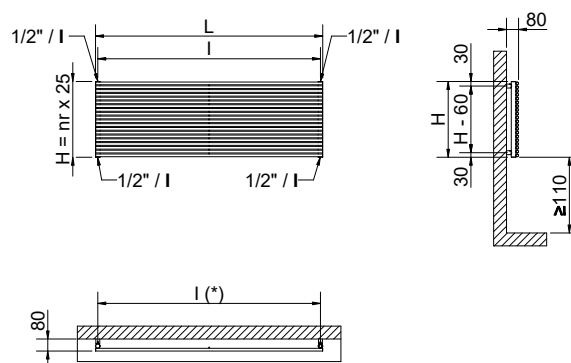
STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)

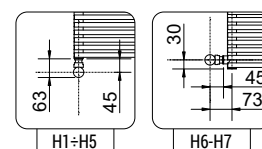


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



(*) Pipe center (I) measure of the fixing kit

Quotes for Kristal valves



GIADA 18

SATIN STAINLESS STEEL HORIZONTAL

				Thermal output				
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	n	[Kg]	[Watt]			Art. nr.	Price [€]
H 350 mm								
14	600	1,3405	4,1	209	155	105	GI18 14 060 H__ X02 C	1.102,00
	800	1,3405	5,3	279	207	141	GI18 14 080 H__ X02 C	1.140,00
	1000	1,3405	6,5	349	259	176	GI18 14 100 H__ X02 C	1.167,00
	1200	1,3405	7,6	418	310	211	GI18 14 120 H__ X02 C	1.223,00
	1400	1,3405	8,8	488	362	246	GI18 14 140 H__ X02 C	1.266,00
	1600	1,3405	10,0	558	414	281	GI18 14 160 H__ X02 C	1.346,00
	1800	1,3405	11,2	627	465	316	GI18 14 180 H__ X02 C	1.411,00
	1900	1,3405	11,8	662	491	334	GI18 14 190 H__ X02 C	1.462,00
	2000	1,3405	12,3	697	517	351	GI18 14 200 H__ X02 C	1.521,00
H 400 mm								
16	600	1,2932	4,7	241	181	124	GI18 16 060 H__ X02 C	1.206,00
	800	1,2932	6,0	321	241	166	GI18 16 080 H__ X02 C	1.248,00
	1000	1,2932	7,4	401	300	207	GI18 16 100 H__ X02 C	1.279,00
	1200	1,2932	8,7	482	361	249	GI18 16 120 H__ X02 C	1.337,00
	1400	1,2932	10,1	562	421	290	GI18 16 140 H__ X02 C	1.382,00
	1600	1,2932	11,4	642	481	332	GI18 16 160 H__ X02 C	1.472,00
	1800	1,2932	12,8	723	542	373	GI18 16 180 H__ X02 C	1.543,00
	1900	1,2932	13,4	763	572	394	GI18 16 190 H__ X02 C	1.598,00
	2000	1,2932	14,1	803	602	415	GI18 16 200 H__ X02 C	1.661,00
H 500 mm								
20	600	1,2583	5,9	300	227	158	GI18 20 060 H__ X02 C	1.414,00
	800	1,2583	7,6	401	303	211	GI18 20 080 H__ X02 C	1.464,00
	1000	1,2583	9,2	501	378	263	GI18 20 100 H__ X02 C	1.503,00
	1200	1,2583	10,9	601	454	316	GI18 20 120 H__ X02 C	1.565,00
	1400	1,2583	12,6	701	529	369	GI18 20 140 H__ X02 C	2.426,00
	1600	1,2583	14,3	801	605	421	GI18 20 160 H__ X02 C	1.724,00
	1800	1,2583	16,0	901	680	474	GI18 20 180 H__ X02 C	1.807,00
	1900	1,2583	16,8	951	718	500	GI18 20 190 H__ X02 C	1.870,00
	2000	1,2583	17,6	1001	756	526	GI18 20 200 H__ X02 C	1.941,00

GIADA 18

SATIN STAINLESS STEEL HORIZONTAL

				Thermal output				
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
n°	L [mm]	n	[Kg]	[Watt]			Art. nr.	Price [€]
H 600 mm								
24	600	1,2986	7,1	354	265	182	GI18 24 060 H__ X02 C	1.622,00
	800	1,2986	9,1	472	353	243	GI18 24 080 H__ X02 C	1.680,00
	1000	1,2986	11,1	590	442	304	GI18 24 100 H__ X02 C	1.727,00
	1200	1,2986	13,1	707	529	364	GI18 24 120 H__ X02 C	1.793,00
	1400	1,2986	15,1	825	617	425	GI18 24 140 H__ X02 C	1.846,00
	1600	1,2986	17,1	943	706	486	GI18 24 160 H__ X02 C	1.976,00
	1800	1,2986	19,2	1061	794	547	GI18 24 180 H__ X02 C	2.071,00
	1900	1,2986	20,2	1120	838	577	GI18 24 190 H__ X02 C	2.142,00
	2000	1,2986	21,2	1179	882	607	GI18 24 200 H__ X02 C	2.221,00
H 700 mm								
28	600	1,3388	8,2	400	297	202	GI18 28 060 H__ X02 C	1.830,00
	800	1,3388	10,6	534	396	269	GI18 28 080 H__ X02 C	1.896,00
	1000	1,3388	12,9	667	495	337	GI18 28 100 H__ X02 C	1.951,00
	1200	1,3388	15,3	801	594	404	GI18 28 120 H__ X02 C	2.021,00
	1400	1,3388	17,6	934	693	471	GI18 28 140 H__ X02 C	2.078,00
	1600	1,3388	20,0	1068	792	539	GI18 28 160 H__ X02 C	2.228,00
	1800	1,3388	22,3	1201	891	606	GI18 28 180 H__ X02 C	2.335,00
	2000	1,3388	23,5	1135	842	573	GI18 28 200 H__ X02 C	2.501,00
H 800 mm								
32	600	1,3157	9,4	440	328	225	GI18 32 060 H__ X02 C	2.038,00
	800	1,3157	12,1	587	438	300	GI18 32 080 H__ X02 C	2.112,00
	1000	1,3157	14,8	734	547	375	GI18 32 100 H__ X02 C	2.175,00
	1200	1,3157	17,5	881	657	450	GI18 32 120 H__ X02 C	2.249,00
	1400	1,3157	20,2	1028	766	525	GI18 32 140 H__ X02 C	2.310,00
	1600	1,3157	22,8	1174	875	599	GI18 32 160 H__ X02 C	2.480,00
	1800	1,3157	25,5	1321	985	675	GI18 32 180 H__ X02 C	2.599,00
	2000	1,3157	26,9	1468	1095	750	GI18 32 200 H__ X02 C	2.781,00

HOW TO ORDER THE GIADA 18 SATIN STAINLESS STEEL HORIZONTAL RADIATOR

Radiator model E.g.: GIADA 18 horizontal	Nr of Elements E.g.: 24 Elements	Width in mm Example: 120 mm	Connection code Example: connection H01	Art. nr. finishing Es: satin stainless steel	Constant value
GI18	24	120	H01	X02	C

Example of article code creation

GI18..... GIADA 18 HORIZONTAL
 24..... 24 Elements
 120..... Width 1200 mm
 H01..... Connection H01 (see product page)
 X02..... Finishing satin stainless steel
 C..... Constant value

The article code will be:
GI18 24 120 H01 X02 C





LIVING Radiators

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

ROSY

VERTICAL

WARRANTY 5 YEARS



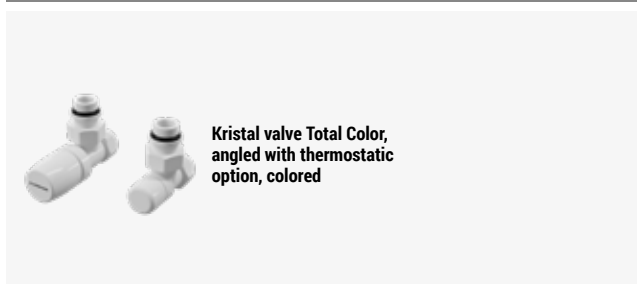
Color: RAL 8017 - R09 Dark brown

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	28	34,6	41,1	47,5	53,8	66,3	78,6	90,6	96,5
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	14,5	17,9	21,2	24,6	27,8	34,3	40,7	47,0	50,1
Dry Weight per element [kg]	0,557	0,666	0,775	0,883	0,992	1,210	1,427	1,645	1,753
Water content [lt]	0,256	0,292	0,329	0,365	0,401	0,474	0,546	0,619	0,655
Element surface [m ²]	0,061	0,073	0,085	0,097	0,109	0,133	0,157	0,181	0,193
Exponent n	1,2934	1,2928	1,2922	1,2914	1,2907	1,2894	1,2881	1,2867	1,2860
Pipe Centres I [mm] (V3-V4 only)	342	442	542	642	742	942	1142	1342	1442

For output at different Δt , please refer to the following formula: $\text{desired output} = \text{output at } \Delta t 50 \times (\text{Desired } \Delta t / 50)^n$

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	102	108	114	120	126	131	137	142	153
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	53,1	56,2	59,2	62,2	65,2	68,2	71,1	74,0	79,8
Dry Weight per element [kg]	1,862	1,971	2,080	2,188	2,297	2,406	2,515	2,623	2,841
Water content [lt]	0,691	0,727	0,764	0,800	0,836	0,872	0,909	0,945	1,017
Element surface [m ²]	0,205	0,217	0,229	0,241	0,253	0,265	0,277	0,289	0,313
Exponent n	1,2854	1,2847	1,2840	1,2833	1,2826	1,2820	1,2813	1,2806	1,2792
Pipe Centres I [mm] (V3-V4 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 50x10 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

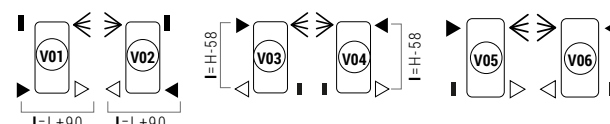
See color chart on pages II and III.

CERTIFICATES

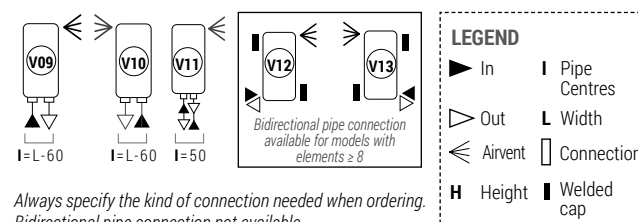


HOT WATER HEATING RADIATORS,
CONVECTORS AND RADIANT MOUNTED
CEILING PANELS - NF SET

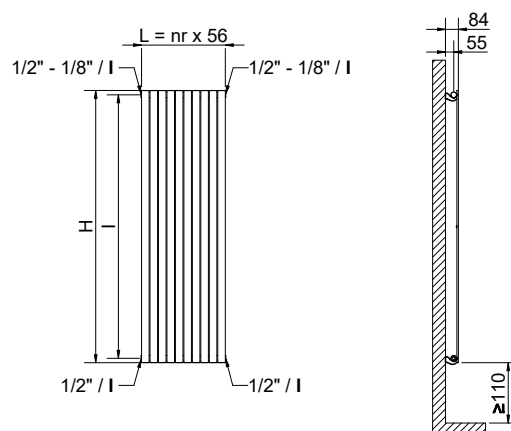
STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)

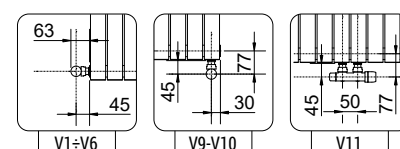


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



(*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves



ROSY

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]						
H 500 mm									
6	336	4,0	208	156	107	RO50 06 050 V ___ A	227,00	327,00	377,00
8	448	5,4	277	207	143	RO50 08 050 V ___ A	273,00	373,00	423,00
10	560	6,7	346	259	179	RO50 10 050 V ___ A	319,00	419,00	469,00
12	672	8,0	415	311	215	RO50 12 050 V ___ A	365,00	465,00	515,00
14	784	9,4	484	363	251	RO50 14 050 V ___ A	411,00	511,00	561,00
15	840	10,1	519	389	269	RO50 15 050 V ___ A	434,00	534,00	584,00
16	896	10,7	554	415	286	RO50 16 050 V ___ A	457,00	557,00	607,00
18	1008	12,1	623	467	322	RO50 18 050 V ___ A	503,00	603,00	653,00
19	1064	12,7	657	493	340	RO50 19 050 V ___ A	526,00	626,00	676,00
20	1120	13,4	692	519	358	RO50 20 050 V ___ A	549,00	649,00	699,00
22	1232	14,7	761	570	394	RO50 22 050 V ___ A	595,00	695,00	745,00
23	1288	15,4	796	596	412	RO50 23 050 V ___ A	618,00	718,00	768,00
24	1344	16,1	830	622	430	RO50 24 050 V ___ A	641,00	741,00	791,00
25	1400	16,8	865	648	448	RO50 25 050 V ___ A	664,00	764,00	814,00

H 700 mm									
6	336	5,3	285	214	147	RO50 06 070 V ___ A	233,00	333,00	383,00
8	448	7,1	380	285	196	RO50 08 070 V ___ A	283,00	383,00	433,00
10	560	8,8	475	356	246	RO50 10 070 V ___ A	333,00	433,00	483,00
12	672	10,6	570	427	295	RO50 12 070 V ___ A	383,00	483,00	533,00
14	784	12,4	665	499	344	RO50 14 070 V ___ A	433,00	533,00	583,00
15	840	13,2	713	534	368	RO50 15 070 V ___ A	458,00	558,00	608,00
16	896	14,1	760	570	393	RO50 16 070 V ___ A	483,00	583,00	633,00
18	1008	15,9	855	641	442	RO50 18 070 V ___ A	533,00	633,00	683,00
19	1064	16,8	903	677	467	RO50 19 070 V ___ A	558,00	658,00	708,00
20	1120	17,7	950	712	491	RO50 20 070 V ___ A	583,00	683,00	733,00
22	1232	19,4	1.045	783	540	RO50 22 070 V ___ A	633,00	733,00	783,00
23	1288	20,3	1.093	819	565	RO50 23 070 V ___ A	658,00	758,00	808,00
24	1344	21,2	1.140	855	589	RO50 24 070 V ___ A	683,00	783,00	833,00
25	1400	22,1	1.188	890	614	RO50 25 070 V ___ A	708,00	808,00	858,00

H 1000 mm									
4	224	4,8	265	199	137	RO50 04 100 V ___ A	186,00	286,00	336,00
6	336	7,3	398	298	206	RO50 06 100 V ___ A	240,00	340,00	390,00
8	448	9,7	530	398	275	RO50 08 100 V ___ A	294,00	394,00	444,00
9	504	10,9	597	448	309	RO50 09 100 V ___ A	321,00	421,00	471,00
10	560	12,1	663	497	343	RO50 10 100 V ___ A	348,00	448,00	498,00
11	616	13,3	729	547	377	RO50 11 100 V ___ A	375,00	475,00	525,00
12	672	14,5	796	597	412	RO50 12 100 V ___ A	402,00	502,00	552,00
14	784	16,9	928	696	480	RO50 14 100 V ___ A	456,00	556,00	606,00
16	896	19,4	1061	796	549	RO50 16 100 V ___ A	510,00	610,00	660,00
18	1008	21,8	1193	895	618	RO50 18 100 V ___ A	564,00	664,00	714,00
19	1064	23,0	1260	945	652	RO50 19 100 V ___ A	591,00	691,00	741,00
20	1120	24,2	1326	994	686	RO50 20 100 V ___ A	618,00	718,00	768,00
22	1232	26,6	1459	1094	755	RO50 22 100 V ___ A	672,00	772,00	822,00
24	1344	29,0	1591	1193	824	RO50 24 100 V ___ A	726,00	826,00	876,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]						
H 600 mm									
6	336	4,7	247	185	127	RO50 06 060 V ___ A	230,00	330,00	380,00
8	448	6,2	329	246	170	RO50 08 060 V ___ A	278,00	378,00	428,00
10	560	7,8	411	308	212	RO50 10 060 V ___ A	326,00	426,00	476,00
12	672	9,3	493	370	255	RO50 12 060 V ___ A	374,00	474,00	524,00
14	784	10,9	575	431	297	RO50 14 060 V ___ A	422,00	522,00	572,00
15	840	11,6	617	462	319	RO50 15 060 V ___ A	446,00	546,00	596,00
16	896	12,4	658	493	340	RO50 16 060 V ___ A	470,00	570,00	620,00
18	1008	14,0	740	554	382	RO50 18 060 V ___ A	518,00	618,00	668,00
19	1064	14,7	781	585	404	RO50 19 060 V ___ A	542,00	642,00	692,00
20	1120	15,5	822	616	425	RO50 20 060 V ___ A	566,00	666,00	716,00
22	1232	17,1	904	678	467	RO50 22 060 V ___ A	614,00	714,00	764,00
23	1288	17,8	945	709	489	RO50 23 060 V ___ A	638,00	738,00	788,00
24	1344	18,6	986	739	510	RO50 24 060 V ___ A	662,00	762,00	812,00
25	1400	19,4	1028	770	531	RO50 25 060 V ___ A	686,00	786,00	836,00

H 800 mm									
6	336	6,0	323	242	167	RO50 06 080 V ___ A	237,00	337,00	387,00
8	448	7,9	430	323	223	RO50 08 080 V ___ A	289,00	389,00	439,00
10	560	9,9	538	403	278	RO50 10 080 V ___ A	341,00	441,00	491,00
12	672	11,9	646	484	334	RO50 12 080 V ___ A	393,00	493,00	543,00
14	784	13,9	753	565	390	RO50 14 080 V ___ A	445,00	545,00	595,00
15	840	14,9	807	605	417	RO50 15 080 V ___ A	471,00	571,00	621,00
16	896	15,9	861	645	445	RO50 16 080 V ___ A	497,00	597,00	647,00
18	1008	17,9	968	726	501	RO50 18 080 V ___ A	549,00	649,00	699,00
19	1064	18,8	1022	766	529	RO50 19 080 V ___ A	575,00	675,00	725,00
20	1120	19,8	1076	807	557	RO50 20 080 V ___ A	601,00	701,00	751,00
22	1232	21,8	1184	887	612	RO50 22 080 V ___ A	653,00	753,00	803,00
23	1288	22,8	1237	928	640	RO50 23 080 V ___ A	679,00	779,00	829,00
24	1344	23,8	1291	968	668	RO50 24 080 V ___ A	705,00	805,00	855,00
25	1400	24,8	1345	1008	696	RO50 25 080 V ___ A	731,00	831,00	881,00

H 1200 mm									
4	224	5,7	306	230	159	RO50 04 120 V ___ A	201,00	301,00	351,00
6	336	8,6	460	345	238	RO50 06 120 V ___ A	257,00	357,00	407,00
8	448	11,4	613	460	317	RO50 08 120 V ___ A	313,00	413,00	463,00
9	504	12,8	689	517	357	RO50 09 120 V ___ A	341,00	441,00	491,00
10	560	14,3	766	575	397	RO50 10 120 V ___ A	369,00	469,00	519,00
11	616	15,7	843	632	436	RO50 11 120 V ___ A	397,00	497,00	547,00
12	672	17,1	919	690	476	RO50 12 120 V ___ A	425,00	525,00	575,00
14	784	20,0	1072	805	555	RO50 14 120 V ___ A	481,00	581,00	631,00
16	896	22,8	1226	919	635	RO50 16 120 V ___ A	537,00	637,00	687,00
18	1008	25,7	1379	1034	714	RO50 18 120 V ___ A	593,00	693,00	743,00
19	1064	27,1	1455	1092	754	RO50 19 120 V ___ A	621,00	721,00	771,00
20	1120	28,5	1532	1149	793	RO50 20 120 V ___ A	649,00	749,00	799,00
22	1232	31,4	1685	1264	873	RO50 22 120 V ___ A	705,00	805,00	855,00
24	1344	34,2	1838	1379	952	RO50 24 120 V ___ A	761,00	861,00	911,00

ROSY

HORIZONTAL

WARRANTY 5 YEARS



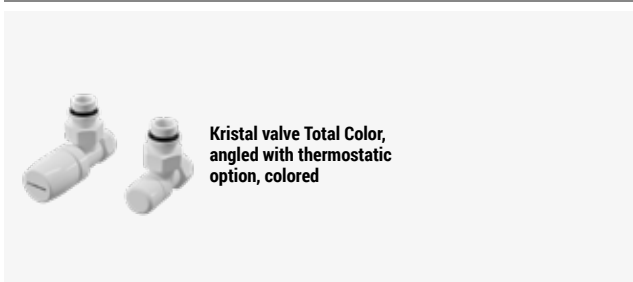
Color: F30 White sand

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,56	0,67	0,77	0,88	0,99	1,21	1,43	1,64	1,75
Water content [lt]	0,256	0,292	0,329	0,365	0,401	0,474	0,546	0,619	0,655
Element surface [m ²]	0,061	0,073	0,085	0,097	0,109	0,133	0,157	0,181	0,193
Pipe Centres l [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	1,86	1,97	2,08	2,19	2,30	2,41	2,51	2,62	2,84
Water content [lt]	0,691	0,727	0,764	0,800	0,836	0,872	0,909	0,945	1,017
Element surface [m ²]	0,205	0,217	0,229	0,241	0,253	0,265	0,277	0,289	0,313
Pipe Centres l [mm] (H1 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm rectangular horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

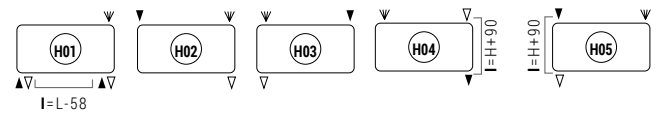
See color chart on pages II and III.

CERTIFICATES

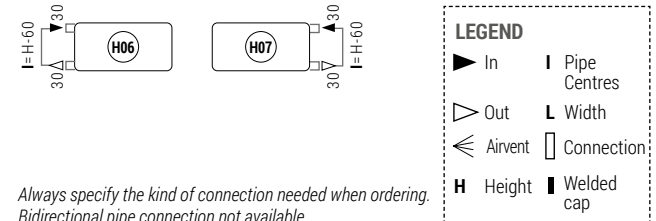


HOT WATER HEATING RADIATORS,
CONVECTORS AND RADIANT MOUNTED
CEILING PANELS - NF NF1

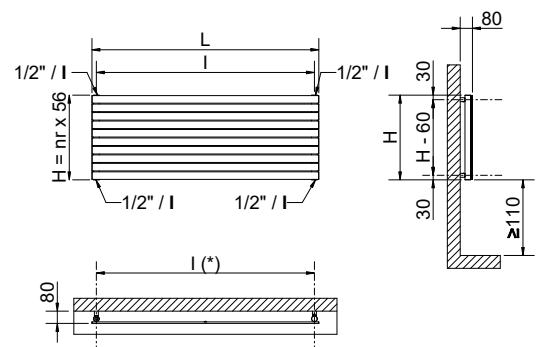
STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)

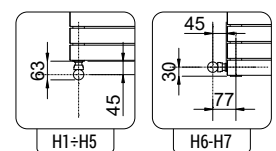


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



(*) The fixing kit has the same pipe centre (I) as the radiator

Quotes for Kristal valves



ROSY

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 392 mm										
7	400	1,2383	3,9	187	142	99	RO50 07 040 H _ _ A	246,00	346,00	396,00
	500	1,2383	4,7	234	178	124	RO50 07 050 H _ _ A	250,00	350,00	400,00
	600	1,2383	5,4	280	212	149	RO50 07 060 H _ _ A	254,00	354,00	404,00
	700	1,2383	6,2	327	248	174	RO50 07 070 H _ _ A	258,00	358,00	408,00
	800	1,2383	6,9	374	284	199	RO50 07 080 H _ _ A	263,00	363,00	413,00
	1000	1,2383	8,5	467	354	248	RO50 07 100 H _ _ A	267,00	367,00	417,00
	1200	1,2383	10,0	560	425	297	RO50 07 120 H _ _ A	285,00	385,00	435,00
	1400	1,2383	11,5	654	496	347	RO50 07 140 H _ _ A	311,00	411,00	461,00
	1500	1,2383	12,3	701	532	372	RO50 07 150 H _ _ A	315,00	415,00	465,00
	1600	1,2383	13,0	747	567	397	RO50 07 160 H _ _ A	319,00	419,00	469,00
	1700	1,2383	13,8	794	602	422	RO50 07 170 H _ _ A	326,00	426,00	476,00
	1800	1,2383	14,6	841	638	447	RO50 07 180 H _ _ A	330,00	430,00	480,00
	1900	1,2383	15,3	887	673	471	RO50 07 190 H _ _ A	340,00	440,00	490,00
	2000	1,2383	16,1	934	709	496	RO50 07 200 H _ _ A	358,00	458,00	508,00
	2100	1,2383	16,9	981	744	521	RO50 07 210 H _ _ A	424,00	524,00	574,00
	2200	1,2383	17,6	1027	779	546	RO50 07 220 H _ _ A	431,00	531,00	581,00
	2300	1,2383	18,3	1074	815	571	RO50 07 230 H _ _ A	443,00	543,00	593,00
	2500	1,2383	19,9	1168	886	620	RO50 07 250 H _ _ A	459,00	559,00	609,00
H 504 mm										
9	400	1,2389	5,0	235	178	125	RO50 09 040 H _ _ A	290,00	390,00	440,00
	500	1,2389	6,0	294	223	156	RO50 09 050 H _ _ A	296,00	396,00	446,00
	600	1,2389	6,9	353	268	187	RO50 09 060 H _ _ A	302,00	402,00	452,00
	700	1,2389	7,9	412	312	219	RO50 09 070 H _ _ A	308,00	408,00	458,00
	800	1,2389	8,9	470	356	250	RO50 09 080 H _ _ A	315,00	415,00	465,00
	1000	1,2389	10,9	588	446	312	RO50 09 100 H _ _ A	321,00	421,00	471,00
	1200	1,2389	12,9	706	535	375	RO50 09 120 H _ _ A	341,00	441,00	491,00
	1400	1,2389	14,8	823	624	437	RO50 09 140 H _ _ A	369,00	469,00	519,00
	1500	1,2389	15,8	882	669	468	RO50 09 150 H _ _ A	375,00	475,00	525,00
	1600	1,2389	16,7	941	714	500	RO50 09 160 H _ _ A	381,00	481,00	531,00
	1700	1,2389	17,7	1000	758	531	RO50 09 170 H _ _ A	392,00	492,00	542,00
	1800	1,2389	18,7	1058	802	562	RO50 09 180 H _ _ A	398,00	498,00	548,00
	1900	1,2389	19,7	1117	847	593	RO50 09 190 H _ _ A	410,00	510,00	560,00
	2000	1,2389	20,7	1176	892	625	RO50 09 200 H _ _ A	430,00	530,00	580,00
	2100	1,2389	21,7	1235	937	656	RO50 09 210 H _ _ A	498,00	598,00	648,00
	2200	1,2389	22,6	1294	981	687	RO50 09 220 H _ _ A	507,00	607,00	657,00
	2300	1,2389	23,6	1352	1025	718	RO50 09 230 H _ _ A	523,00	623,00	673,00
	2500	1,2389	25,6	1470	1115	781	RO50 09 250 H _ _ A	543,00	643,00	693,00
H 560 mm										
10	400	1,2392	5,6	259	196	138	RO50 10 040 H _ _ A	312,00	412,00	462,00
	500	1,2392	6,7	324	246	172	RO50 10 050 H _ _ A	319,00	419,00	469,00
	600	1,2392	7,7	388	294	206	RO50 10 060 H _ _ A	326,00	426,00	476,00
	700	1,2392	8,8	453	344	241	RO50 10 070 H _ _ A	333,00	433,00	483,00
	800	1,2392	9,9	518	393	275	RO50 10 080 H _ _ A	341,00	441,00	491,00
	1000	1,2392	12,1	647	491	344	RO50 10 100 H _ _ A	348,00	448,00	498,00
	1200	1,2392	14,3	776	589	412	RO50 10 120 H _ _ A	369,00	469,00	519,00
	1400	1,2392	16,4	906	687	481	RO50 10 140 H _ _ A	398,00	498,00	548,00
	1500	1,2392	17,5	971	736	516	RO50 10 150 H _ _ A	405,00	505,00	555,00
	1600	1,2392	18,6	1035	785	550	RO50 10 160 H _ _ A	412,00	512,00	562,00
	1700	1,2392	19,7	1100	834	584	RO50 10 170 H _ _ A	425,00	525,00	575,00
	1800	1,2392	20,8	1165	884	619	RO50 10 180 H _ _ A	432,00	532,00	582,00
	1900	1,2392	21,9	1229	932	653	RO50 10 190 H _ _ A	445,00	545,00	595,00
	2000	1,2392	23,0	1294	981	687	RO50 10 200 H _ _ A	466,00	566,00	616,00
	2100	1,2392	24,1	1359	1031	722	RO50 10 210 H _ _ A	535,00	635,00	685,00
	2200	1,2392	25,1	1423	1079	756	RO50 10 220 H _ _ A	545,00	645,00	695,00
	2300	1,2392	26,2	1488	1129	790	RO50 10 230 H _ _ A	563,00	663,00	713,00
	2500	1,2392	28,4	1618	1227	859	RO50 10 250 H _ _ A	585,00	685,00	735,00

ROSY

HORIZONTAL

							Price [€]			
Elements	Width	Exponent	Dry Weight	Thermal output			Art. nr.			
				Δt 50°C	Δt 40°C	Δt 30°C		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	n	[Kg]	[Watt]						
H 616 mm										
11	400	1,2394	6,2	282	214	150	R050 11 040 H ___ A	334,00	434,00	484,00
	500	1,2394	7,4	353	268	187	R050 11 050 H ___ A	342,00	442,00	492,00
	600	1,2394	8,5	424	322	225	R050 11 060 H ___ A	350,00	450,00	500,00
	700	1,2394	9,7	494	375	262	R050 11 070 H ___ A	358,00	458,00	508,00
	800	1,2394	10,9	565	428	300	R050 11 080 H ___ A	367,00	467,00	517,00
	1000	1,2394	13,3	706	535	375	R050 11 100 H ___ A	375,00	475,00	525,00
	1200	1,2394	15,7	847	642	450	R050 11 120 H ___ A	397,00	497,00	547,00
	1400	1,2394	18,0	988	749	525	R050 11 140 H ___ A	427,00	527,00	577,00
	1500	1,2394	19,3	1059	803	562	R050 11 150 H ___ A	435,00	535,00	585,00
	1600	1,2394	20,5	1130	857	600	R050 11 160 H ___ A	443,00	543,00	593,00
	1700	1,2394	21,7	1200	910	637	R050 11 170 H ___ A	458,00	558,00	608,00
	1800	1,2394	22,9	1271	964	675	R050 11 180 H ___ A	466,00	566,00	616,00
	1900	1,2394	24,1	1341	1017	712	R050 11 190 H ___ A	480,00	580,00	630,00
	2000	1,2394	25,3	1412	1071	750	R050 11 200 H ___ A	502,00	602,00	652,00
	2100	1,2394	26,5	1483	1125	787	R050 11 210 H ___ A	572,00	672,00	722,00
	2200	1,2394	27,6	1553	1178	825	R050 11 220 H ___ A	583,00	683,00	733,00
	2300	1,2394	28,8	1624	1232	862	R050 11 230 H ___ A	603,00	703,00	753,00
	2500	1,2394	31,2	1765	1339	937	R050 11 250 H ___ A	627,00	727,00	777,00
H 672 mm										
12	400	1,2397	6,7	306	232	162	R050 12 040 H ___ A	356,00	456,00	506,00
	500	1,2397	8,0	383	290	203	R050 12 050 H ___ A	365,00	465,00	515,00
	600	1,2397	9,2	459	348	244	R050 12 060 H ___ A	374,00	474,00	524,00
	700	1,2397	10,6	536	406	285	R050 12 070 H ___ A	383,00	483,00	533,00
	800	1,2397	11,9	612	464	325	R050 12 080 H ___ A	393,00	493,00	543,00
	1000	1,2397	14,5	765	580	406	R050 12 100 H ___ A	402,00	502,00	552,00
	1200	1,2397	17,2	918	696	487	R050 12 120 H ___ A	425,00	525,00	575,00
	1400	1,2397	19,7	1071	812	569	R050 12 140 H ___ A	456,00	556,00	606,00
	1500	1,2397	21,0	1148	871	609	R050 12 150 H ___ A	465,00	565,00	615,00
	1600	1,2397	22,3	1224	928	650	R050 12 160 H ___ A	474,00	574,00	624,00
	1700	1,2397	23,6	1301	987	691	R050 12 170 H ___ A	491,00	591,00	641,00
	1800	1,2397	25,0	1377	1044	731	R050 12 180 H ___ A	500,00	600,00	650,00
	1900	1,2397	26,3	1454	1103	772	R050 12 190 H ___ A	515,00	615,00	665,00
	2000	1,2397	27,6	1530	1160	812	R050 12 200 H ___ A	538,00	638,00	688,00
	2100	1,2397	28,9	1607	1219	853	R050 12 210 H ___ A	609,00	709,00	759,00
	2200	1,2397	30,1	1683	1276	893	R050 12 220 H ___ A	621,00	721,00	771,00
	2300	1,2397	31,4	1760	1335	934	R050 12 230 H ___ A	643,00	743,00	793,00
	2500	1,2397	34,1	1913	1451	1016	R050 12 250 H ___ A	669,00	769,00	819,00
H 784 mm										
14	400	1,2403	7,8	352	267	187	R050 14 040 H ___ A	400,00	500,00	550,00
	500	1,2403	9,4	441	334	234	R050 14 050 H ___ A	411,00	511,00	561,00
	600	1,2403	10,8	529	401	281	R050 14 060 H ___ A	422,00	522,00	572,00
	700	1,2403	12,3	617	468	327	R050 14 070 H ___ A	433,00	533,00	583,00
	800	1,2403	13,9	705	535	374	R050 14 080 H ___ A	445,00	545,00	595,00
	1000	1,2403	16,9	881	668	468	R050 14 100 H ___ A	456,00	556,00	606,00
	1200	1,2403	20,0	1057	801	561	R050 14 120 H ___ A	481,00	581,00	631,00
	1400	1,2403	23,0	1233	935	654	R050 14 140 H ___ A	514,00	614,00	664,00
	1500	1,2403	24,5	1322	1002	702	R050 14 150 H ___ A	525,00	625,00	675,00
	1600	1,2403	26,0	1410	1069	748	R050 14 160 H ___ A	536,00	636,00	686,00
	1700	1,2403	27,6	1498	1136	795	R050 14 170 H ___ A	557,00	657,00	707,00
	1800	1,2403	29,1	1586	1203	842	R050 14 180 H ___ A	568,00	668,00	718,00
	1900	1,2403	30,7	1674	1269	888	R050 14 190 H ___ A	585,00	685,00	735,00
	2000	1,2403	32,2	1762	1336	935	R050 14 200 H ___ A	610,00	710,00	760,00
	2100	1,2403	33,7	1850	1403	982	R050 14 210 H ___ A	683,00	783,00	833,00
	2200	1,2403	35,1	1938	1469	1028	R050 14 220 H ___ A	697,00	797,00	847,00
	2300	1,2403	36,7	2026	1536	1075	R050 14 230 H ___ A	723,00	823,00	873,00
	2500	1,2403	39,8	2203	1670	1169	R050 14 250 H ___ A	753,00	853,00	903,00

HOW TO ORDER THE ROSY HORIZONTAL RADIATOR

Radiator model E.g.: ROSY horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1500 mm	Connection code Example: connection H01	Color code Es: R01 - White	Constant value
R050	12	150	H01	R01	A

Example of article code creation

R050..... ROSY Horizontal
12..... 12 Elements
150..... Width 1500 mm
H01..... Connection H01 (see product page)
R01..... Color R01 - White (see color chart)
A..... Constant value

The article code will be:
R050 12 150 H01 R01 A



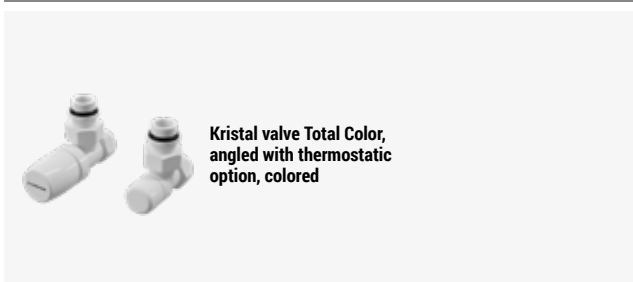
Color: RAL 8017 - R09 Dark brown

Height H [mm]	500	558	600	658	700	800	858	958	1000
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	54,8	60,3	64,2	69,5	73,3	82,3	87,4	96,1	99,7
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	27,6	30,4	32,3	35,0	36,9	41,5	44,0	48,4	50,3
Dry Weight per element [kg]	1,208	1,334	1,425	1,551	1,642	1,860	1,986	2,203	2,294
Water content [lt]	0,473	0,515	0,545	0,587	0,618	0,690	0,732	0,805	0,835
Element surface [m ²]	0,133	0,147	0,157	0,171	0,181	0,205	0,219	0,243	0,253
Exponent n	1,3426	1,3424	1,3423	1,3421	1,3420	1,3417	1,3415	1,3412	1,3411
Pipe Centres I [mm] (V3-V4 only)	442	500	542	600	642	742	800	900	942

For output at different Δt , please refer to the following formula: **desired output = output at Δt 50 x (Desired $\Delta t/50$)ⁿ**

Height H [mm]	1200	1400	1600	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	117	133	149	165	173	180	195	203	218
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	58,8	67,1	75,2	83,2	87,1	91,0	98,6	102,0	110,0
Dry Weight per element [kg]	2,728	3,163	3,597	4,032	4,249	4,466	4,900	5,118	5,552
Water content [lt]	0,980	1,125	1,269	1,414	1,487	1,559	1,704	1,776	1,921
Element surface [m ²]	0,301	0,349	0,397	0,445	0,469	0,493	0,541	0,565	0,613
Exponent n	1,3405	1,3399	1,3393	1,3387	1,3384	1,3381	1,3375	1,3372	1,3366
Pipe Centres I [mm] (V3-V4 only)	1142	1342	1542	1742	1842	1942	2142	2242	2442

AVAILABLE ACCESSORIES



Kristal valve Total Color, angled with thermostatic option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 50x10 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

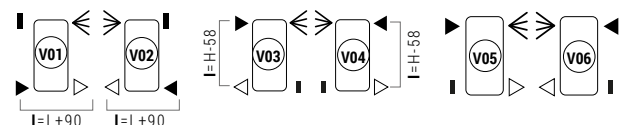
See color chart on pages II and III.

CERTIFICATES

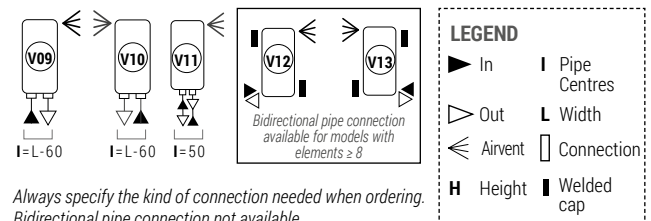


HOT WATER HEATING RADIATORS,
CONVECTORS AND RADIANT MOUNTED
CEILING PANELS - NF 847

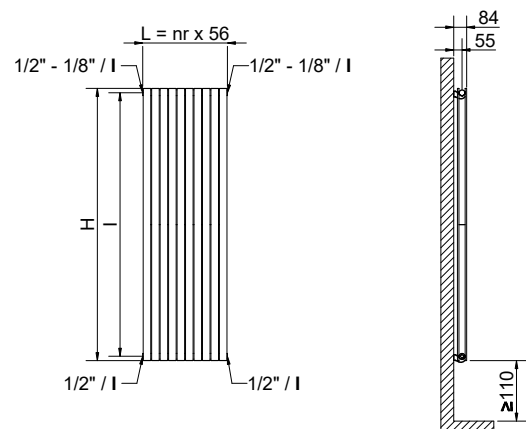
STANDARD CONNECTIONS WITHOUT SURCHARGE



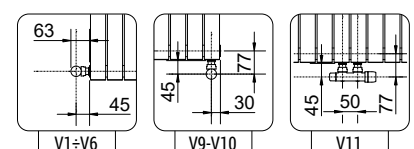
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE ROSY TANDEM VERTICAL RADIATOR

Radiator model E.g.: ROSY TANDEM VERTICAL	Nr of Elements E.g.: 12 Elements	Height in mm Example: 1500 mm	Connection code Example: connection V01	Color code Es: R01 - White	Constant value
RT50	12	150	V01	R01	A

Example of article code creation

RT50 ROSY TANDEM VERTICAL
12 12 Elements (see table below)
150 Height 1500 mm (see table below)
V01 Connection V01 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

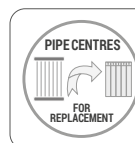
The article code will be:

RT50 12 150 V01 R01 A

Height H [mm]		500		558		600		658		700		800		858		958		1000	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
224	4	219	305,00	241	311,00	257	314,00	278	354,00	293	366,00	329	376,00	350	376,00	384	380,00	399	391,00
280	5	274	347,00	301	355,00	321	359,00	348	400,00	367	413,00	412	424,00	437	425,00	480	430,00	499	444,00
336	6	329	389,00	362	399,00	385	404,00	417	446,00	440	460,00	494	472,00	524	474,00	577	480,00	598	497,00
392	7	384	431,00	422	443,00	449	449,00	487	492,00	513	507,00	576	520,00	612	523,00	673	530,00	698	550,00
448	8	438	473,00	482	487,00	514	494,00	556	538,00	586	554,00	658	568,00	699	572,00	769	580,00	798	603,00
504	9	493	515,00	543	531,00	578	539,00	626	584,00	660	601,00	741	616,00	787	621,00	865	630,00	897	656,00
560	10	548	557,00	603	575,00	642	584,00	695	630,00	733	648,00	823	664,00	874	670,00	961	680,00	997	709,00
616	11	603	599,00	663	619,00	706	629,00	765	676,00	806	695,00	905	712,00	961	719,00	1057	730,00	1097	762,00
672	12	658	641,00	724	663,00	770	674,00	834	722,00	880	742,00	988	760,00	1049	768,00	1153	780,00	1196	815,00
728	13	712	683,00	784	707,00	835	719,00	904	768,00	953	789,00	1070	808,00	1136	817,00	1249	830,00	1296	868,00
784	14	767	725,00	844	751,00	899	764,00	973	814,00	1026	836,00	1152	856,00	1224	866,00	1345	880,00	1396	921,00
840	15	822	767,00	904	795,00	963	809,00	1043	860,00	1100	883,00	1235	904,00	1311	915,00	1441	930,00	1496	974,00
896	16	877	809,00	965	839,00	1027	854,00	1112	906,00	1173	930,00	1317	952,00	1398	964,00	1537	980,00	1595	1.027,00
952	17	932	851,00	1025	883,00	1091	899,00	1182	952,00	1246	977,00	1399	1.000,00	1486	1.013,00	1633	1.030,00	1695	1.080,00
1008	18	986	893,00	1085	927,00	1156	944,00	1251	998,00	1319	1.024,00	1481	1.048,00	1573	1.062,00	1730	1.080,00	1795	1.133,00

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm.

Prices are referred to color WHITE R01 version and STANDARD connection.



Replacement heights are marked in grey color.

Height H [mm]		1200		1400		1600		1800		1900		2000		2200		2300		2500	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
224	4	468	398,00	532	399,00	596	417,00	660	425,00	692	427,00	720	431,00	780	436,00	812	449,00	872	516,00
280	5	585	452,00	665	455,00	745	475,00	825	485,00	865	490,00	900	499,00	975	514,00	1015	534,05	1090	607,35
336	6	702	506,00	798	511,00	894	533,00	990	545,00	1038	553,00	1080	567,00	1170	592,00	1218	619,10	1308	698,70
392	7	819	560,00	931	567,00	1043	591,00	1155	605,00	1211	616,00	1260	635,00	1365	670,00	1421	704,15	1526	790,05
448	8	936	614,00	1064	623,00	1192	649,00	1320	665,00	1384	679,00	1440	703,00	1560	748,00	1624	789,20	1744	881,40
504	9	1053	668,00	1197	679,00	1341	707,00	1485	725,00	1557	742,00	1620	771,00	1755	826,00	1827	874,25	1962	972,75
560	10	1170	722,00	1330	735,00	1490	765,00	1650	785,00	1730	805,00	1800	839,00	1950	904,00	2030	959,30	2180	1.064,10
616	11	1287	776,00	1463	791,00	1639	823,00	1815	845,00	1903	868,00	1980	907,00	2145	982,00	2233	1.044,35	2398	1.155,45
672	12	1404	830,00	1596	847,00	1788	881,00	1980	905,00	2076	931,00	2160	975,00	2340	1.060,00	2436	1.129,40	2616	1.246,80
728	13	1521	884,00	1729	903,00	1937	939,00	2145	965,00	2249	994,00	2340	1.043,00	2535	1.138,00	2639	1.214,45	2834	1.338,15
784	14	1638	938,00	1862	959,00	2086	997,00	2310	1.025,00	2422	1.057,00	2520	1.111,00	2730	1.216,00	2842	1.299,50	3052	1.429,50
840	15	1755	992,00	1995	1.015,00	2235	1.055,00	2475	1.085,00	2595	1.120,00	2700	1.179,00	2925	1.294,00	3045	1.384,55	3270	1.520,85
896	16	1872	1.046,00	2128	1.071,00	2384	1.113,00	2640	1.145,00	2768	1.183,00	2880	1.247,00	3120	1.372,00	3248	1.469,60	3488	1.612,20
952	17	1989	1.100,00	2261	1.127,00	2533	1.171,00	2805	1.205,00	2941	1.246,00	3060	1.315,00	3315	1.450,00	3451	1.554,65	3706	1.703,55
1008	18	2106	1.154,00	2394	1.183,00	2682	1.229,00	2970	1.265,00	3114	1.309,00	3240	1.383,00	3510	1.528,00	3654	1.639,70	3924	1.794,90

ROSY

TANDEM VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
							R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]	[Watt]						
H 500 mm									
6	336	7,2	329	244	166	RT50 06 050 V __ A	389,00	489,00	539,00
7	392	8,5	384	284	193	RT50 07 050 V __ A	431,00	531,00	581,00
8	448	9,7	438	325	221	RT50 08 050 V __ A	473,00	573,00	623,00
9	504	10,9	493	366	248	RT50 09 050 V __ A	515,00	615,00	665,00
10	560	12,1	548	406	276	RT50 10 050 V __ A	557,00	657,00	707,00
11	616	13,3	603	447	304	RT50 11 050 V __ A	599,00	699,00	749,00
12	672	14,5	658	487	331	RT50 12 050 V __ A	641,00	741,00	791,00
13	728	15,7	712	528	359	RT50 13 050 V __ A	683,00	783,00	833,00
14	784	16,9	767	569	386	RT50 14 050 V __ A	725,00	825,00	875,00
15	840	18,1	822	609	414	RT50 15 050 V __ A	767,00	867,00	917,00
16	896	19,3	877	650	442	RT50 16 050 V __ A	809,00	909,00	959,00
17	952	20,5	932	690	469	RT50 17 050 V __ A	851,00	951,00	1.001,00
18	1008	21,7	986	731	497	RT50 18 050 V __ A	893,00	993,00	1.043,00

H 700 mm									
6	336	9,9	440	326	222	RT50 06 070 V __ A	460,00	560,00	610,00
7	392	11,5	513	380	259	RT50 07 070 V __ A	507,00	607,00	657,00
8	448	13,1	586	435	295	RT50 08 070 V __ A	554,00	654,00	704,00
9	504	14,8	660	489	332	RT50 09 070 V __ A	601,00	701,00	751,00
10	560	16,4	733	543	369	RT50 10 070 V __ A	648,00	748,00	798,00
11	616	18,1	806	598	406	RT50 11 070 V __ A	695,00	795,00	845,00
12	672	19,7	880	652	443	RT50 12 070 V __ A	742,00	842,00	892,00
13	728	21,3	953	706	480	RT50 13 070 V __ A	789,00	889,00	939,00
14	784	23,0	1026	761	517	RT50 14 070 V __ A	836,00	936,00	986,00
15	840	24,6	1100	815	554	RT50 15 070 V __ A	883,00	983,00	1.033,00
16	896	26,3	1173	869	591	RT50 16 070 V __ A	930,00	1.030,00	1.080,00
17	952	27,9	1246	924	628	RT50 17 070 V __ A	977,00	1.077,00	1.127,00
18	1008	29,6	1319	978	665	RT50 18 070 V __ A	1.024,00	1.124,00	1.174,00

H 1000 mm									
4	224	9,2	399	296	201	RT50 04 100 V __ A	391,00	491,00	541,00
5	280	11,5	499	370	251	RT50 05 100 V __ A	444,00	544,00	594,00
6	336	13,8	598	443	302	RT50 06 100 V __ A	497,00	597,00	647,00
7	392	16,1	698	517	352	RT50 07 100 V __ A	550,00	650,00	700,00
8	448	18,4	798	591	402	RT50 08 100 V __ A	603,00	703,00	753,00
9	504	20,6	897	665	452	RT50 09 100 V __ A	656,00	756,00	806,00
10	560	22,9	997	739	503	RT50 10 100 V __ A	709,00	809,00	859,00
11	616	25,2	1097	813	553	RT50 11 100 V __ A	762,00	862,00	912,00
12	672	27,5	1196	887	603	RT50 12 100 V __ A	815,00	915,00	965,00
13	728	29,8	1296	961	653	RT50 13 100 V __ A	868,00	968,00	1.018,00
14	784	32,1	1396	1035	704	RT50 14 100 V __ A	921,00	1.021,00	1.071,00
15	840	34,4	1496	1109	754	RT50 15 100 V __ A	974,00	1.074,00	1.124,00
16	896	36,7	1595	1183	804	RT50 16 100 V __ A	1.027,00	1.127,00	1.177,00
18	1008	41,3	1795	1330	905	RT50 18 100 V __ A	1.133,00	1.233,00	1.283,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 600 mm									
6	336	8,6	385	285	194	RT50 06 060 V __ A	404,00	504,00	554,00
7	392	10,0	449	333	226	RT50 07 060 V __ A	449,00	549,00	599,00
8	448	11,4	514	381	259	RT50 08 060 V __ A	494,00	594,00	644,00
9	504	12,8	578	428	291	RT50 09 060 V __ A	539,00	639,00	689,00
10	560	14,3	642	476	323	RT50 10 060 V __ A	584,00	684,00	734,00
11	616	15,7	706	523	356	RT50 11 060 V __ A	629,00	729,00	779,00
12	672	17,1	770	571	388	RT50 12 060 V __ A	674,00	774,00	824,00
13	728	18,5	835	619	420	RT50 13 060 V __ A	719,00	819,00	869,00
14	784	20,0	899	666	453	RT50 14 060 V __ A	764,00	864,00	914,00
15	840	21,4	963	714	485	RT50 15 060 V __ A	809,00	909,00	959,00
16	896	22,8	1027	761	517	RT50 16 060 V __ A	854,00	954,00	1.004,00
17	952	24,2	1091	809	550	RT50 17 060 V __ A	899,00	999,00	1.049,00
18	1008	25,7	1156	856	582	RT50 18 060 V __ A	944,00	1.044,00	1.094,00

H 800 mm									
6	336	11,2	494	366	249	RT50 06 080 V __ A	472,00	572,00	622,00
7	392	13,0	576	427	290	RT50 07 080 V __ A	520,00	620,00	670,00
8	448	14,9	658	488	332	RT50 08 080 V __ A	568,00	668,00	718,00
9	504	16,7	741	549	373	RT50 09 080 V __ A	616,00	716,00	766,00
10	560	18,6	823	610	415	RT50 10 080 V __ A	664,00	764,00	814,00
11	616	20,5	905	671	456	RT50 11 080 V __ A	712,00	812,00	862,00
12	672	22,3	988	732	498	RT50 12 080 V __ A	760,00	860,00	910,00
13	728	24,2	1070	793	539	RT50 13 080 V __ A	808,00	908,00	958,00
14	784	26,0	1152	854	581	RT50 14 080 V __ A	856,00	956,00	1.006,00
15	840	27,9	1235	915	622	RT50 15 080 V __ A	904,00	1.004,00	1.054,00
16	896	29,8	1317	976	664	RT50 16 080 V __ A	952,00	1.052,00	1.102,00
17	952	31,6	1399	1037	705	RT50 17 080 V __ A	1.000,00	1.100,00	1.150,00
18	1008	33,5	1481	1098	746	RT50 18 080 V __ A	1.048,00	1.148,00	1.198,00

H 1200 mm									
4	224	10,9	468	347	236	RT50 04 120 V __ A	398,00	498,00	548,00
5	280	13,6	585	434	295	RT50 05 120 V __ A	452,00	552,00	602,00
6	336	16,4	702	521	354	RT50 06 120 V __ A	506,00	606,00	656,00
7	392	19,1	819	607	413	RT50 07 120 V __ A	560,00	660,00	710,00
8	448	21,8	936	694	472	RT50 08 120 V __ A	614,00	714,00	764,00
9	504	24,6	1053	781	531	RT50 09 120 V __ A	668,00	768,00	818,00
10	560	27,3	1170	868	590	RT50 10 120 V __ A	722,00	822,00	872,00
11	616	30,0	1287	954	649	RT50 11 120 V __ A	776,00	876,00	926,00
12	672	32,7	1404	1041	708	RT50 12 120 V __ A	830,00	930,00	980,00
13	728	35,5	1521	1128	767	RT50 13 120 V __ A	884,00	984,00	1.034,00
14	784	38,2	1638	1215	826	RT50 14 120 V __ A	938,00	1.038,00	1.088,00
15	840	40,9	1755	1301	885	RT50 15 120 V __ A	992,00	1.092,00	1.142,00
16	896	43,6	1872	1388	944	RT50 16 120 V __ A	1.046,00	1.146,00	1.196,00
18	1008	49,1	2106	1562	1062	RT50 18 120 V __ A	1.154,00	1.254,00	1.304,00



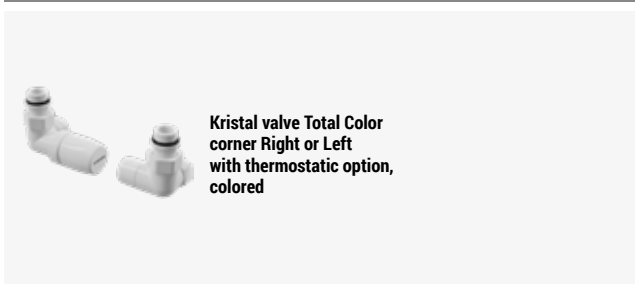
Color: T15 Tela

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,991	1,208	1,425	1,642	1,860	2,294	2,728	3,163	3,381
Water content [lt]	0,401	0,473	0,545	0,618	0,690	0,835	0,980	1,125	1,197
Element surface [m ²]	0,109	0,133	0,157	0,181	0,205	0,253	0,301	0,349	0,373
Pipe Centres I [mm] (H1 only)	342	442	542	642	742	942	1142	1342	1442

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2200	2300	2500
Dry Weight per element [kg]	3,597	3,815	4,032	4,249	4,466	4,900	5,118	5,552
Water content [lt]	1,269	1,341	1,414	1,487	1,559	1,704	1,776	1,921
Element surface [m ²]	0,397	0,421	0,445	0,469	0,493	0,541	0,565	0,613
Pipe Centres I [mm] (H1 only)	1542	1642	1742	1842	1942	2142	2242	2442

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm collectors in painted mild steel.
- 50x10 mm double row of rectangular horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLORS:

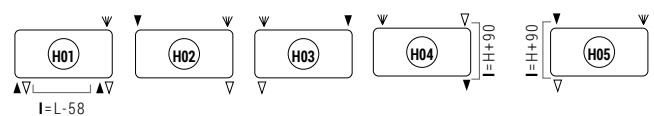
See color chart on pages II and III.

CERTIFICATES

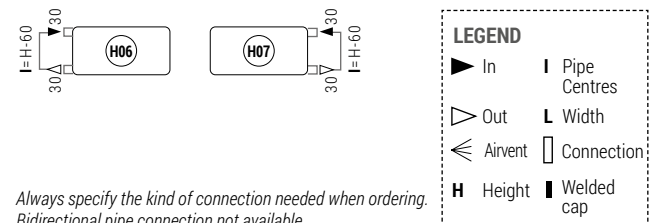


HOT WATER HEATING RADIATORS,
CONVECTORS AND RADIANT MOUNTED
CEILING PANELS - NF NF1

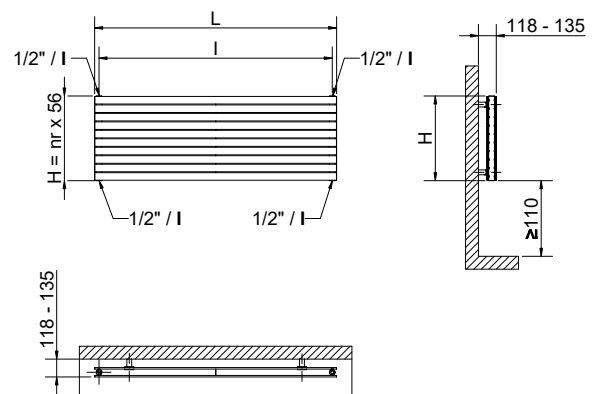
STANDARD CONNECTIONS WITHOUT SURCHARGE



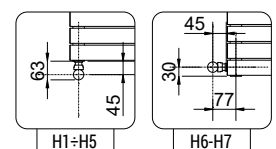
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ROSY

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 392 mm										
7	400	1,2465	6,9	323	245	171	RT50 07 040 H __ A	427,00	527,00	577,00
	500	1,2465	8,5	404	306	214	RT50 07 050 H __ A	431,00	531,00	581,00
	600	1,2465	10,0	485	367	257	RT50 07 060 H __ A	449,00	549,00	599,00
	700	1,2465	11,5	566	429	299	RT50 07 070 H __ A	507,00	607,00	657,00
	800	1,2465	13,0	646	489	342	RT50 07 080 H __ A	520,00	620,00	670,00
	1000	1,2465	16,1	808	612	427	RT50 07 100 H __ A	550,00	650,00	700,00
	1200	1,2465	19,1	970	734	513	RT50 07 120 H __ A	560,00	660,00	710,00
	1400	1,2465	22,1	1131	856	598	RT50 07 140 H __ A	567,00	667,00	717,00
	1600	1,2465	25,2	1293	979	684	RT50 07 160 H __ A	591,00	691,00	741,00
	1800	1,2465	28,2	1454	1101	769	RT50 07 180 H __ A	605,00	705,00	755,00
	1900	1,2465	29,7	1535	1162	812	RT50 07 190 H __ A	616,00	716,00	766,00
	2000	1,2465	31,3	1616	1224	855	RT50 07 200 H __ A	635,00	735,00	785,00
	2200	1,2465	34,3	1778	1346	941	RT50 07 220 H __ A	670,00	770,00	820,00
	2300	1,2465	35,8	1858	1407	983	RT50 07 230 H __ A	704,15	804,15	854,15
	2500	1,2465	38,9	2020	1530	1069	RT50 07 250 H __ A	790,05	890,05	940,05
H 504 mm										
9	400	1,241	8,9	402	305	213	RT50 09 040 H __ A	509,00	609,00	659,00
	500	1,241	10,9	503	381	267	RT50 09 050 H __ A	515,00	615,00	665,00
	600	1,241	12,8	603	457	320	RT50 09 060 H __ A	539,00	639,00	689,00
	700	1,241	14,8	704	534	373	RT50 09 070 H __ A	601,00	701,00	751,00
	800	1,241	16,7	804	610	427	RT50 09 080 H __ A	616,00	716,00	766,00
	1000	1,241	20,6	1005	762	533	RT50 09 100 H __ A	656,00	756,00	806,00
	1200	1,241	24,6	1206	914	640	RT50 09 120 H __ A	668,00	768,00	818,00
	1400	1,241	28,5	1407	1067	746	RT50 09 140 H __ A	679,00	779,00	829,00
	1600	1,241	32,4	1608	1219	853	RT50 09 160 H __ A	707,00	807,00	857,00
	1800	1,241	36,3	1978	1500	1049	RT50 09 180 H __ A	725,00	825,00	875,00
	1900	1,241	38,2	1910	1448	1013	RT50 09 190 H __ A	742,00	842,00	892,00
	2000	1,241	40,2	2010	1524	1066	RT50 09 200 H __ A	771,00	871,00	921,00
	2200	1,241	44,1	2211	1676	1173	RT50 09 220 H __ A	826,00	926,00	976,00
	2300	1,241	46,1	2312	1753	1227	RT50 09 230 H __ A	874,25	974,25	1.024,25
	2500	1,241	50,0	2513	1905	1333	RT50 09 250 H __ A	972,75	1.072,75	1.122,75
H 560 mm										
10	400	1,2383	9,9	440	334	234	RT50 10 040 H __ A	550,00	650,00	700,00
	500	1,2383	12,1	550	417	292	RT50 10 050 H __ A	557,00	657,00	707,00
	600	1,2383	14,3	659	500	350	RT50 10 060 H __ A	584,00	684,00	734,00
	700	1,2383	16,4	769	583	409	RT50 10 070 H __ A	648,00	748,00	798,00
	800	1,2383	18,6	879	667	467	RT50 10 080 H __ A	664,00	764,00	814,00
	1000	1,2383	22,9	1099	834	584	RT50 10 100 H __ A	709,00	809,00	859,00
	1200	1,2383	27,3	1319	1001	701	RT50 10 120 H __ A	722,00	822,00	872,00
	1400	1,2383	31,6	1539	1167	818	RT50 10 140 H __ A	735,00	835,00	885,00
	1600	1,2383	36,0	1758	1334	934	RT50 10 160 H __ A	765,00	865,00	915,00
	1800	1,2383	40,3	1978	1500	1051	RT50 10 180 H __ A	785,00	885,00	935,00
	1900	1,2383	42,5	2088	1584	1109	RT50 10 190 H __ A	805,00	905,00	955,00
	2000	1,2383	44,7	2198	1667	1168	RT50 10 200 H __ A	839,00	939,00	989,00
	2200	1,2383	49,0	2418	1834	1285	RT50 10 220 H __ A	904,00	1.004,00	1.054,00
	2300	1,2383	51,2	2528	1918	1343	RT50 10 230 H __ A	959,30	1.059,30	1.109,30
	2500	1,2383	55,5	2748	2085	1460	RT50 10 250 H __ A	1.064,10	1.164,10	1.214,10

								Price [€]		
Elements	Width	Exponent	Dry Weight	Thermal output			Art. nr.			
				Δt 50°C	Δt 40°C	Δt 30°C		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	n	[Kg]	[Watt]						
H 616 mm										
11	400	1,2355	10,9	476	361	253	RT50 11 040 H __ A	591,00	691,00	741,00
	500	1,2355	13,3	596	452	317	RT50 11 050 H __ A	599,00	699,00	749,00
	600	1,2355	15,7	715	543	380	RT50 11 060 H __ A	629,00	729,00	779,00
	700	1,2355	18,1	834	633	444	RT50 11 070 H __ A	695,00	795,00	845,00
	800	1,2355	20,5	953	723	507	RT50 11 080 H __ A	712,00	812,00	862,00
	1000	1,2355	25,2	1191	904	634	RT50 11 100 H __ A	762,00	862,00	912,00
	1200	1,2355	30,0	1429	1085	760	RT50 11 120 H __ A	776,00	876,00	926,00
	1400	1,2355	34,8	1667	1265	887	RT50 11 140 H __ A	791,00	891,00	941,00
	1600	1,2355	39,6	1906	1447	1014	RT50 11 160 H __ A	823,00	923,00	973,00
	1800	1,2355	44,4	2144	1627	1141	RT50 11 180 H __ A	845,00	945,00	995,00
	1900	1,2355	46,7	2263	1718	1204	RT50 11 190 H __ A	868,00	968,00	1.018,00
	2000	1,2355	49,1	2382	1808	1267	RT50 11 200 H __ A	907,00	1.007,00	1.057,00
	2200	1,2355	53,9	2620	1989	1394	RT50 11 220 H __ A	982,00	1.082,00	1.132,00
	2300	1,2355	56,3	2739	2079	1457	RT50 11 230 H __ A	1.044,35	1.144,35	1.194,35
	2500	1,2355	61,1	2978	2260	1584	RT50 11 250 H __ A	1.155,45	1.255,45	1.305,45

H 672 mm										
12	400	1,2328	11,9	512	389	273	RT50 12 040 H __ A	632,00	732,00	782,00
	500	1,2328	14,5	640	486	341	RT50 12 050 H __ A	641,00	741,00	791,00
	600	1,2328	17,1	768	583	409	RT50 12 060 H __ A	674,00	774,00	824,00
	700	1,2328	19,7	896	681	477	RT50 12 070 H __ A	742,00	842,00	892,00
	800	1,2328	22,3	1024	778	546	RT50 12 080 H __ A	760,00	860,00	910,00
	1000	1,2328	27,5	1280	972	682	RT50 12 100 H __ A	815,00	915,00	965,00
	1200	1,2328	32,7	1536	1167	818	RT50 12 120 H __ A	830,00	930,00	980,00
	1400	1,2328	38,0	1792	1361	955	RT50 12 140 H __ A	847,00	947,00	997,00
	1600	1,2328	43,2	2048	1555	1091	RT50 12 160 H __ A	881,00	981,00	1.031,00
	1800	1,2328	48,4	2304	1750	1227	RT50 12 180 H __ A	905,00	1.005,00	1.055,00
	1900	1,2328	51,0	2432	1847	1296	RT50 12 190 H __ A	931,00	1.031,00	1.081,00
	2000	1,2328	53,6	2560	1944	1364	RT50 12 200 H __ A	975,00	1.075,00	1.125,00
	2200	1,2328	58,8	2816	2139	1500	RT50 12 220 H __ A	1.060,00	1.160,00	1.210,00
	2300	1,2328	61,4	2944	2236	1568	RT50 12 230 H __ A	1.129,40	1.229,40	1.279,40
	2500	1,2328	66,6	3200	2430	1705	RT50 12 250 H __ A	1.246,80	1.346,80	1.396,80

H 784 mm										
14	400	1,2273	13,9	580	441	310	RT50 14 040 H __ A	714,00	814,00	864,00
	500	1,2273	16,9	726	552	388	RT50 14 050 H __ A	683,00	783,00	833,00
	600	1,2273	20,0	871	662	465	RT50 14 060 H __ A	719,00	819,00	869,00
	700	1,2273	23,0	1016	773	543	RT50 14 070 H __ A	836,00	936,00	986,00
	800	1,2273	26,0	1161	883	620	RT50 14 080 H __ A	856,00	956,00	1.006,00
	1000	1,2273	32,1	1451	1103	775	RT50 14 100 H __ A	921,00	1.021,00	1.071,00
	1200	1,2273	38,2	1741	1324	930	RT50 14 120 H __ A	938,00	1.038,00	1.088,00
	1400	1,2273	44,3	2031	1544	1085	RT50 14 140 H __ A	959,00	1.059,00	1.109,00
	1600	1,2273	50,4	2322	1766	1240	RT50 14 160 H __ A	997,00	1.097,00	1.147,00
	1800	1,2273	56,4	2612	1986	1395	RT50 14 180 H __ A	1.025,00	1.125,00	1.175,00
	1900	1,2273	59,5	2757	2097	1473	RT50 14 190 H __ A	1.057,00	1.157,00	1.207,00
	2000	1,2273	62,5	2902	2207	1550	RT50 14 200 H __ A	1.111,00	1.211,00	1.261,00
	2200	1,2273	68,6	3192	2427	1705	RT50 14 220 H __ A	1.216,00	1.316,00	1.366,00
	2300	1,2273	71,7	3337	2538	1783	RT50 14 230 H __ A	1.299,50	1.399,50	1.449,50
	2500	1,2273	77,7	3628	2759	1938	RT50 14 250 H __ A	1.429,50	1.529,50	1.579,50

HOW TO ORDER THE ROSY TANDEM HORIZONTAL RADIATOR

Radiator model Es. ROSY TANDEM horizontal	Nr of Elements E.g. 12 Elements	Width in mm Example: 1500 mm	Connection code Example: connection H01	Color code Es. R01 - White	Constant value
RT50	12	150	H01	R01	A

Example of article code creation

RT50..... ROSY TANDEM HORIZONTAL
 12..... 12 Elements
 150..... Width 1500 mm
 H01..... Connection H01 (see product page)
 R01..... Color R01 - White (see color chart)
 A..... Constant value

The article code will be:
RT50 12 150 H01 R01 A



Color: F31 Corten brown

Height H [mm]	390	540	640	840	940	1800	2000
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	62,6	83	96,2	121,6	133,9	232,2	253,5
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	32,4	42,9	49,6	62,4	68,6	118,3	129,4
Dry Weight per element [kg]	1,393	1,882	2,207	2,859	3,185	5,987	6,639
Water content [lt]	0,535	0,698	0,806	1,023	1,132	2,065	2,282
Element surface [m ²]	0,154	0,208	0,244	0,316	0,352	0,661	0,733
Exponent n	1,2866	1,2930	1,2972	1,3057	1,3100	1,3201	1,3160
Pipe Centres I [mm] (V3-V4 only)	350	500	600	800	900	1760	1960

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 50x10 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

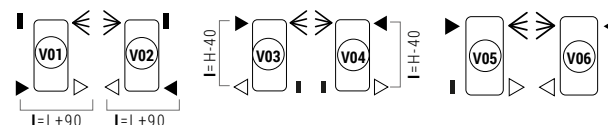
COLORS:

See color chart on pages II and III.

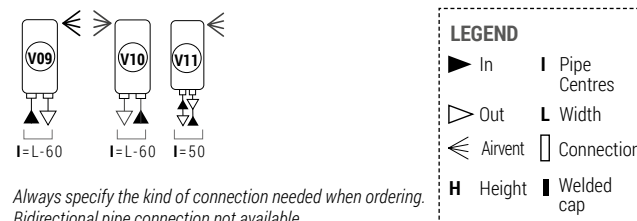
CERTIFICATES



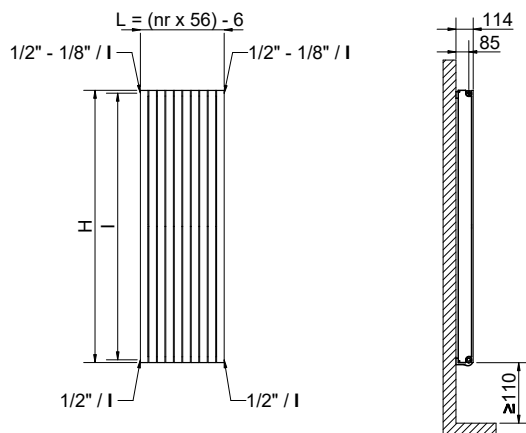
STANDARD CONNECTIONS WITHOUT SURCHARGE



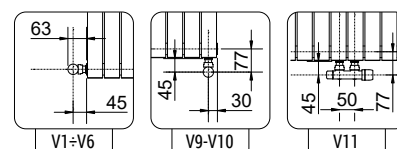
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



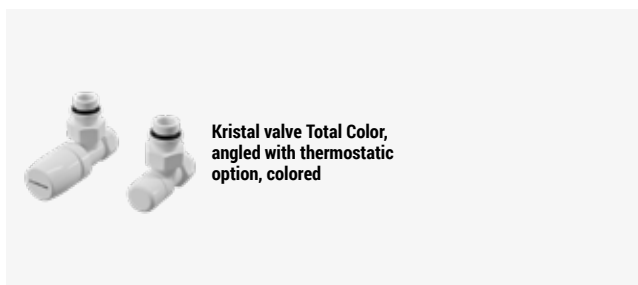
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE ROSY MAX VERTICAL RADIATOR

Radiator model E.g.: ROSY MAX	Nr of Elements E.g.: 12 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V01	Color code Es: R01 - White	Constant value
RX50	12	180	V01	R01	A

Example of article code creation

RX50 ROSY MAX
12 12 Elements (see table below)
180 Height 1800 mm (see table below)
V01 Connection V01 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

RX50 12 180 V01 R01 A

Height H [mm]		390		540		640		840		940		1800		2000	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
274	5	313	441,00	415	445,00	481	461,00	608	487,00	670	495,00	1161	667,00	1268	690,00
330	6	376	493,00	498	498,00	577	515,00	730	542,00	803	551,00	1393	742,00	1521	771,00
386	7	438	545,00	581	551,00	673	569,00	851	597,00	937	607,00	1625	817,00	1775	852,00
442	8	501	597,00	664	604,00	770	623,00	973	652,00	1071	663,00	1858	892,00	2028	933,00
498	9	563	649,00	747	657,00	866	677,00	1094	707,00	1205	719,00	2090	967,00	2282	1.014,00
554	10	626	701,00	830	710,00	962	731,00	1216	762,00	1339	775,00	2322	1.042,00	2535	1.095,00
610	11	689	753,00	913	763,00	1058	785,00	1338	817,00	1473	831,00	2554	1.117,00	2789	1.176,00
666	12	751	805,00	996	816,00	1154	839,00	1459	872,00	1607	887,00	2786	1.192,00	3042	1.257,00
722	13	814	857,00	1079	869,00	1251	893,00	1581	927,00	1741	943,00	3019	1.267,00	3296	1.338,00
778	14	876	909,00	1162	922,00	1347	947,00	1702	982,00	1875	999,00	3251	1.342,00	3549	1.419,00
834	15	939	961,00	1245	975,00	1443	1.001,00	1824	1.037,00	2009	1.055,00				
890	16	1002	1.013,00	1328	1.028,00	1539	1.055,00	1946	1.092,00	2142	1.111,00				
946	17	1064	1.065,00	1411	1.081,00	1635	1.109,00	2067	1.147,00	2276	1.167,00				
1002	18	1127	1.117,00	1494	1.134,00	1732	1.163,00	2189	1.202,00	2410	1.223,00				
1058	19	1189	1.169,00	1577	1.187,00	1828	1.217,00	2310	1.257,00	2544	1.279,00				
1114	20	1252	1.221,00	1660	1.240,00	1924	1.271,00	2432	1.312,00	2678	1.335,00				
1170	21	1315	1.273,00	1743	1.293,00	2020	1.325,00	2554	1.367,00	2812	1.391,00				
1226	22	1377	1.325,00	1826	1.346,00	2116	1.379,00	2675	1.422,00	2946	1.447,00				
1282	23	1440	1.377,00	1909	1.399,00	2213	1.433,00	2797	1.477,00	3080	1.503,00				
1338	24	1502	1.429,00	1992	1.452,00	2309	1.487,00	2918	1.532,00	3214	1.559,00				
1394	25	1565	1.481,00	2075	1.505,00	2405	1.541,00								
1450	26	1628	1.533,00	2158	1.558,00	2501	1.595,00								
1506	27	1690	1.585,00	2241	1.611,00	2597	1.649,00								
1562	28	1753	1.637,00	2324	1.664,00	2694	1.703,00								
1618	29	1815	1.689,00	2407	1.717,00	2790	1.757,00								
1674	30	1878	1.741,00	2490	1.770,00	2886	1.811,00								
1730	31	1941	1.793,00	2573	1.823,00	2982	1.865,00								
1786	32	2003	1.845,00	2656	1.876,00	3078	1.919,00								

Prices are referred to color WHITE R01 version and STANDARD connection.



LATERAL COVER CASE



AVAILABLE ON REQUEST

		Price [€]		
Height	Art. nr.			
H [mm]	R01 White	R01 White	CLASSIC Color	SPECIAL Color
390	5103000000120	86,00	116,00	136,00
540	5103000000121	90,00	120,00	140,00
640	5103000000122	92,00	122,00	142,00
840	5103000000123	97,00	127,00	147,00
940	5103000000124	103,00	133,00	153,00

The art. nr. in the tables refer to the WHITE R01 carter

Heights 1800 and 2000 includes lateral carter

ROSY MAX

							Price [€]		
									
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.	R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]	[Watt]						
H 390 mm									
5	274	7,0	313	235	162	RX50 05 039 V ___ A	441,00	541,00	591,00
6	330	8,4	376	282	195	RX50 06 039 V ___ A	493,00	593,00	643,00
7	386	9,8	438	329	227	RX50 07 039 V ___ A	545,00	645,00	695,00
8	442	11,2	501	376	260	RX50 08 039 V ___ A	597,00	697,00	747,00
9	498	12,6	563	423	292	RX50 09 039 V ___ A	649,00	749,00	799,00
10	554	14,0	626	470	324	RX50 10 039 V ___ A	701,00	801,00	851,00
11	610	15,4	689	517	357	RX50 11 039 V ___ A	753,00	853,00	903,00
12	666	16,8	751	564	389	RX50 12 039 V ___ A	805,00	905,00	955,00
13	722	18,1	814	611	422	RX50 13 039 V ___ A	857,00	957,00	1.007,00
14	778	19,5	876	658	454	RX50 14 039 V ___ A	909,00	1.009,00	1.059,00
15	834	20,9	939	705	487	RX50 15 039 V ___ A	961,00	1.061,00	1.111,00
16	890	22,3	1002	752	519	RX50 16 039 V ___ A	1.013,00	1.113,00	1.163,00
17	946	23,7	1064	799	552	RX50 17 039 V ___ A	1.065,00	1.165,00	1.215,00
18	1002	25,1	1127	846	584	RX50 18 039 V ___ A	1.117,00	1.217,00	1.267,00
H 540 mm									
5	274	9,4	415	311	214	RX50 05 054 V ___ A	445,00	545,00	595,00
6	330	11,3	498	373	257	RX50 06 054 V ___ A	498,00	598,00	648,00
7	386	13,2	581	435	300	RX50 07 054 V ___ A	551,00	651,00	701,00
8	442	15,1	664	498	343	RX50 08 054 V ___ A	604,00	704,00	754,00
9	498	16,9	747	560	386	RX50 09 054 V ___ A	657,00	757,00	807,00
10	554	18,8	830	622	429	RX50 10 054 V ___ A	710,00	810,00	860,00
11	610	20,7	913	684	472	RX50 11 054 V ___ A	763,00	863,00	913,00
12	666	22,6	996	746	515	RX50 12 054 V ___ A	816,00	916,00	966,00
13	722	24,5	1079	809	557	RX50 13 054 V ___ A	869,00	969,00	1.019,00
14	778	26,3	1162	871	600	RX50 14 054 V ___ A	922,00	1.022,00	1.072,00
15	834	28,2	1245	933	643	RX50 15 054 V ___ A	975,00	1.075,00	1.125,00
16	890	30,1	1328	995	686	RX50 16 054 V ___ A	1.028,00	1.128,00	1.178,00
17	946	32,0	1411	1057	729	RX50 17 054 V ___ A	1.081,00	1.181,00	1.231,00
18	1002	33,9	1494	1120	772	RX50 18 054 V ___ A	1.134,00	1.234,00	1.284,00
H 640 mm									
5	274	11,0	481	360	248	RX50 05 064 V ___ A	461,00	561,00	611,00
6	330	13,2	577	432	298	RX50 06 064 V ___ A	515,00	615,00	665,00
7	386	15,4	673	504	347	RX50 07 064 V ___ A	569,00	669,00	719,00
8	442	17,7	770	576	397	RX50 08 064 V ___ A	623,00	723,00	773,00
9	498	19,9	866	648	446	RX50 09 064 V ___ A	677,00	777,00	827,00
10	554	22,1	962	720	496	RX50 10 064 V ___ A	731,00	831,00	881,00
11	610	24,3	1058	792	545	RX50 11 064 V ___ A	785,00	885,00	935,00
12	666	26,5	1154	864	595	RX50 12 064 V ___ A	839,00	939,00	989,00
13	722	28,7	1251	936	645	RX50 13 064 V ___ A	893,00	993,00	1.043,00
14	778	30,9	1347	1008	694	RX50 14 064 V ___ A	947,00	1.047,00	1.097,00
15	834	33,1	1443	1080	744	RX50 15 064 V ___ A	1.001,00	1.101,00	1.151,00
16	890	35,3	1539	1152	793	RX50 16 064 V ___ A	1.055,00	1.155,00	1.205,00
17	946	37,5	1635	1224	843	RX50 17 064 V ___ A	1.109,00	1.209,00	1.259,00
18	1002	39,7	1732	1296	893	RX50 18 064 V ___ A	1.163,00	1.263,00	1.313,00
H 840 mm									
5	274	12,9	608	454	312	RX50 05 084 V ___ A	487,00	587,00	637,00
6	330	15,5	730	545	374	RX50 06 084 V ___ A	542,00	642,00	692,00
7	386	18,1	851	636	437	RX50 07 084 V ___ A	597,00	697,00	747,00
8	442	20,7	973	727	499	RX50 08 084 V ___ A	652,00	752,00	802,00
9	498	23,3	1094	818	562	RX50 09 084 V ___ A	707,00	807,00	857,00
10	554	25,9	1216	909	624	RX50 10 084 V ___ A	762,00	862,00	912,00
11	610	28,5	1338	1000	687	RX50 11 084 V ___ A	817,00	917,00	967,00
12	666	31,1	1459	1090	749	RX50 12 084 V ___ A	872,00	972,00	1.022,00
13	722	33,7	1581	1181	811	RX50 13 084 V ___ A	927,00	1.027,00	1.077,00
14	778	36,2	1702	1272	874	RX50 14 084 V ___ A	982,00	1.082,00	1.132,00
15	834	38,8	1824	1363	936	RX50 15 084 V ___ A	1.037,00	1.137,00	1.187,00
16	890	41,4	1946	1454	999	RX50 16 084 V ___ A	1.092,00	1.192,00	1.242,00
17	946	44,0	2067	1545	1061	RX50 17 084 V ___ A	1.147,00	1.247,00	1.297,00
18	1002	46,6	2189	1636	1123	RX50 18 084 V ___ A	1.202,00	1.302,00	1.352,00

ROSY MAX

							Price [€]		
									
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.	R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]	[Watt]						
H 940 mm									
5	274	15,9	670	500	343	RX50 05 094 V __ A	495,00	595,00	645,00
6	330	19,1	803	600	411	RX50 06 094 V __ A	551,00	651,00	701,00
7	386	22,3	937	700	480	RX50 07 094 V __ A	607,00	707,00	757,00
8	442	25,5	1071	800	549	RX50 08 094 V __ A	663,00	763,00	813,00
9	498	28,7	1205	900	617	RX50 09 094 V __ A	719,00	819,00	869,00
10	554	31,9	1339	1000	686	RX50 10 094 V __ A	775,00	875,00	925,00
11	610	35,0	1473	1100	754	RX50 11 094 V __ A	831,00	931,00	981,00
12	666	38,2	1607	1200	823	RX50 12 094 V __ A	887,00	987,00	1.037,00
13	722	41,4	1741	1299	891	RX50 13 094 V __ A	943,00	1.043,00	1.093,00
14	778	44,6	1875	1399	960	RX50 14 094 V __ A	999,00	1.099,00	1.149,00
15	834	47,8	2009	1499	1029	RX50 15 094 V __ A	1.055,00	1.155,00	1.205,00
16	890	51,0	2142	1599	1097	RX50 16 094 V __ A	1.111,00	1.211,00	1.261,00
17	946	54,1	2276	1699	1166	RX50 17 094 V __ A	1.167,00	1.267,00	1.317,00
18	1002	57,3	2410	1799	1234	RX50 18 094 V __ A	1.223,00	1.323,00	1.373,00
H 1800 mm									
5	274	29,9	1161	865	592	RX50 05 180 V __ A	667,00	767,00	817,00
6	330	35,9	1393	1038	710	RX50 06 180 V __ A	742,00	842,00	892,00
7	386	41,9	1625	1211	828	RX50 07 180 V __ A	817,00	917,00	967,00
8	442	47,9	1858	1384	946	RX50 08 180 V __ A	892,00	992,00	1.042,00
9	498	53,9	2090	1557	1065	RX50 09 180 V __ A	967,00	1.067,00	1.117,00
10	554	59,9	2322	1730	1183	RX50 10 180 V __ A	1.042,00	1.142,00	1.192,00
11	610	65,9	2554	1902	1301	RX50 11 180 V __ A	1.117,00	1.217,00	1.267,00
12	666	71,8	2786	2075	1420	RX50 12 180 V __ A	1.192,00	1.292,00	1.342,00
13	722	77,8	3019	2248	1538	RX50 13 180 V __ A	1.267,00	1.367,00	1.417,00
14	778	83,8	3251	2421	1656	RX50 14 180 V __ A	1.342,00	1.442,00	1.492,00
H 2000 mm									
5	274	33,2	1268	945	647	RX50 05 200 V __ A	690,00	790,00	840,00
6	330	39,8	1521	1134	777	RX50 06 200 V __ A	771,00	871,00	921,00
7	386	46,5	1775	1323	906	RX50 07 200 V __ A	852,00	952,00	1.002,00
8	442	53,1	2028	1512	1035	RX50 08 200 V __ A	933,00	1.033,00	1.083,00
9	498	59,8	2282	1701	1165	RX50 09 200 V __ A	1.014,00	1.114,00	1.164,00
10	554	66,4	2535	1890	1294	RX50 10 200 V __ A	1.095,00	1.195,00	1.245,00
11	610	73,0	2789	2079	1424	RX50 11 200 V __ A	1.176,00	1.276,00	1.326,00
12	666	79,7	3042	2268	1553	RX50 12 200 V __ A	1.257,00	1.357,00	1.407,00
13	722	86,3	3296	2457	1683	RX50 13 200 V __ A	1.338,00	1.438,00	1.488,00
14	778	92,9	3549	2646	1812	RX50 14 200 V __ A	1.419,00	1.519,00	1.569,00

HOW TO ORDER THE ROSY MAX RADIATOR

Radiator model E.g.: Rosy Max	Nr of Elements E.g.: 12 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V01	Color code Es: R01 - White	Constant value
RX50	12	180	V01	R01	A

Example of article code creation

RX50..... ROSY MAX
12..... 12 Elements
180..... Height 1800 mm
V01..... Connection V01 (see product page)
R01..... Color R01 - White (see color chart)
A..... Constant value

RX50 12 180 V01 R01 A



Artwork: Il bacio (P08)

MAXIMUM AVAILABLE DIMENSIONS

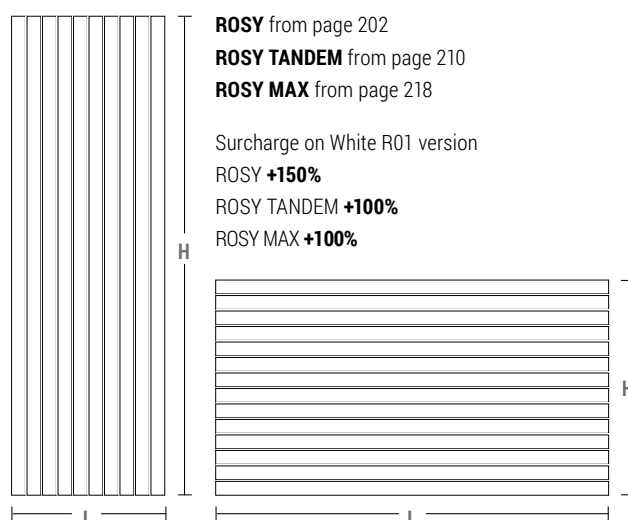
One side of the radiator must not exceed **896 mm**, while the other can reach up to **2000 mm**.

Customise

- **Rosy**
- **Rosy Tandem**
- **Rosy Max**

radiators with your favourite pictures, forever imprinted on the surface.

FOR TECHNICAL FEATURES AND CONNECTIONS SEE:



HOW TO ORDER CUSTOM IMAGES

- Choose ROSY / ROSY TANDEM / ROSY MAX model
- Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
- Send your high resolution image (300 dpi - jpg, tiff, eps file), or your real picture. (Material used for rendering will not be given back).
- Send the related acquittance to Cordivari dealer (All images sent by customer must respect all relevant rules of copyright).
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.



HOW TO ORDER CORDIVARI STANDARD IMAGES

- Choose ROSY / ROSY TANDEM / ROSY MAX model
- Select the vertical or horizontal version, the desired radiator size (H and L) and the connection type.
- Choose a picture from our image gallery.
- Our graphic team will resize the desired image on the selected radiator
- Approve the pdf preview and order.

ROSY PICTURE

IMAGE GALLERY



Rosy Picture® radiators are made in painted mild steel using a unique and everlasting painting process. The Rosy Picture® painting process has been awarded by ANVER (Italian Painters Association), during "Polveri 2001" Exhibition (Verona, Italy), where it stood out for its innovation, high quality finishing and eco-friendly approach.

PICTURES

by **Piero e Italo Del Governatore** - ITALCOLOR



PESCATORE (P09)



MOLO (P10)



SPIAGGIA (P11)

IMAGES



IL BACIO (P08)



I GIRASOLI (P31)



DUE DONNE TAHITIANE (P32)



COMPOSIZIONE VIII (P33)



RIVER (P18)



PARIS (P07)



PANORAMA (P05)



LAGO (P06)

GRAPHIC SERIES

artwork by **Mariano Moroni**



ABSTRACT 03
(P14)



ABSTRACT 04
(P15)



ABSTRACT 05
(P19)



ABSTRACT 06
(P20)



IRIS 03
(P27)

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

ROSY MIRROR

WARRANTY 5 YEARS



Color: F22 Classic gold

FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 50x10 mm vertical heating elements in painted mild steel.
- Mirror

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

The radiator is delivered in a wooden crate.
User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

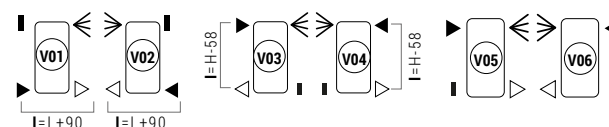
COLORS:

See color chart on pages II and III.

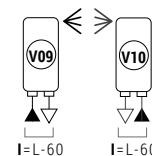
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

LEGEND

► In	▮ Pipe Centres
◄ Out	▮ L Width
≡ Airvent	▮ Connection
H Height	▮ Welded cap

HOW TO ORDER THE ROSY MIRROR RADIATOR

Radiator model E.g. ROSY MIRROR lateral mirror on the left	Nr of Elements E.g. 6 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V01	Color code Es: R01 - White	Constant value
MS50	06	180	V01	R01	A

Example of article code creation

MS50 ROSY MIRROR lateral mirror on the left
06 6 Elements (see table on the side)
180 Height 1800 mm (see table on the side)
V01 Connection V01 (see above)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

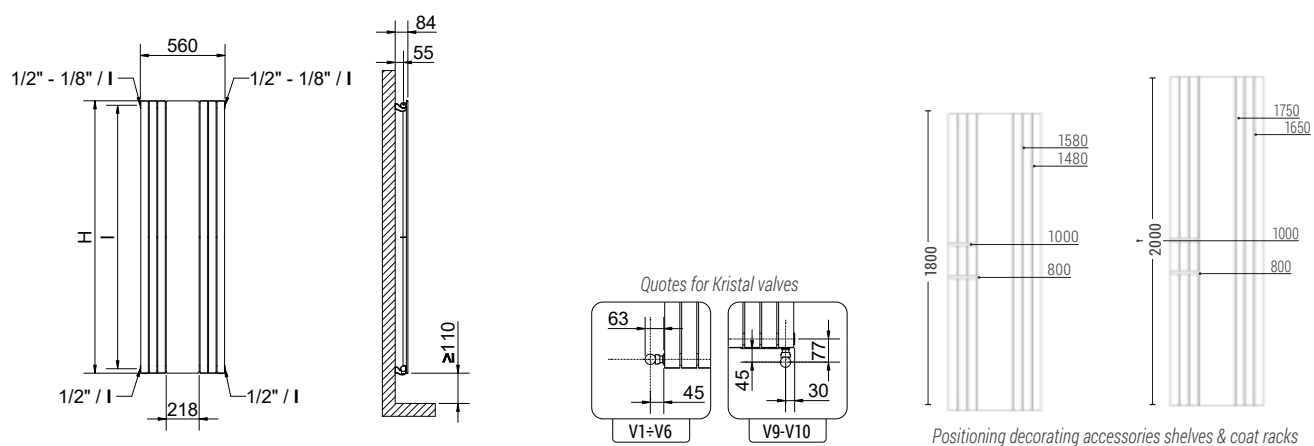
MS50 06 180 V01 R01 A

AVAILABLE ACCESSORIES

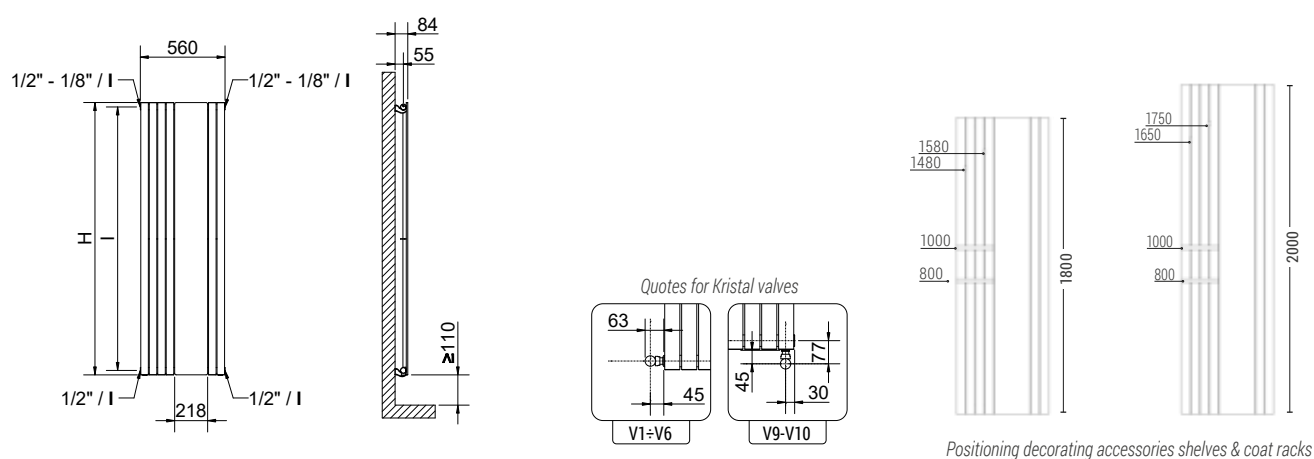
Kristal valve Total Color, angled with thermostatic option, colored	KIT 2 WOODEN SHELVES - 162 x 100 mm		KIT 2 WOODEN SHELVES - 218 x 100 mm	
	for ROSY MIRROR central version		for ROSY MIRROR lateral version	
	Finishing		Finishing	
	- White		- White	
	- Bay Oak		- Bay Oak	
	- Wengé		- Wengé	

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

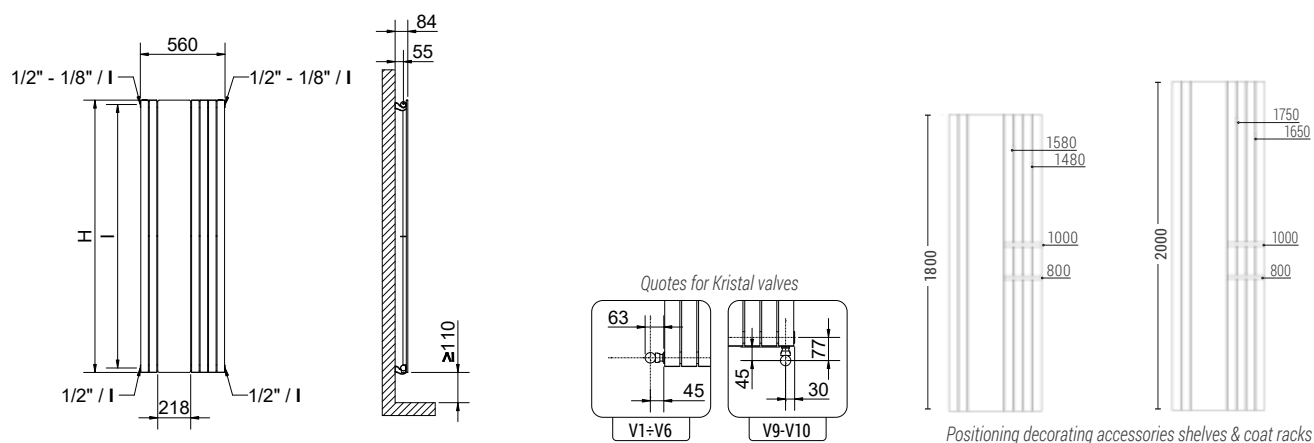
VERSION WITH CENTRAL MIRROR - MC50



VERSION WITH MIRROR ON THE RIGHT SIDE - MD50



VERSION WITH MIRROR ON THE RIGHT SIDE - MS50



ROSY MIRROR

						Price [€]								
Height	Width	Pipe Centres	Mirror						Dry Weight	Surface	Water content	$\Delta t=50^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$	Exponent
[mm]	L [mm]	I [mm]	CENTRAL	LATERAL ON THE RIGHT	LATERAL ON THE LEFT	R01 White	CLASSIC Color	SPECIAL Color	[Kg]	[m²]	[lt]	[Watt]	[Watt]	n
1800	560	1742	MC50	MD50	MS50	981,00	1.081,00	1.131,00	22,4	1,43	5	684	355	1,2840
2000	560	1942				1.006,00	1.106,00	1.156,00	24,6	1,57	5,5	756	391	1,2826

The codes shown in the table refer to the R01 White color models

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

KEIRA

VERTICAL

WARRANTY 5 YEARS



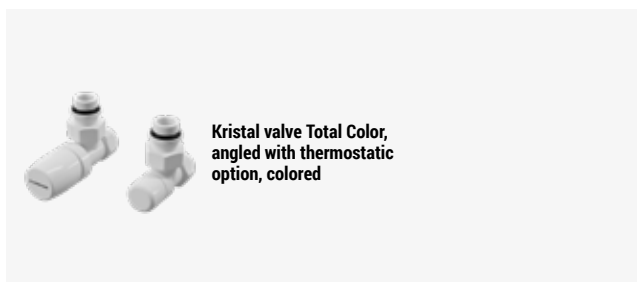
Color: RAL 9001 - R14 Cream

Height H [mm]	538	638	738	838	938	1400	1600	1800	1900
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	31,1	35,8	40,5	45,2	49,9	72,3	82,5	92,9	98,3
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	16,6	19,1	21,5	24,0	26,3	37,8	42,9	48,4	51,3
Dry Weight per element [kg]	0,652	0,761	0,869	0,978	1,086	1,586	1,803	2,020	2,129
Water content [lt]	0,255	0,291	0,327	0,364	0,400	0,566	0,639	0,711	0,747
Element surface [m ²]	0,072	0,084	0,096	0,108	0,120	0,175	0,199	0,223	0,235
Exponent n	1,2273	1,232	1,2367	1,2414	1,2557	1,2700	1,2802	1,2757	1,2735
Pipe Centres I [mm] (V3-V4 only)	500	600	700	800	900	1362	1562	1762	1862

For output at different Δt , please refer to the following formula: $\text{desired output} = \text{output at } \Delta t 50 \times (\text{Desired } \Delta t / 50)^n$

Height H [mm]	2000	2200
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	103,8	115,1
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	54,2	59,4
Dry Weight per element [kg]	2,238	2,455
Water content [lt]	0,783	0,856
Element surface [m ²]	0,247	0,271
Exponent n	1,2712	1,2957
Pipe Centres I [mm] (V3-V4 only)	1962	2162

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 10 x 50 mm rectangular vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

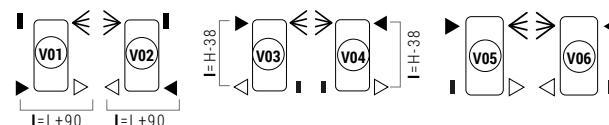
COLORS:

See color chart on pages II and III.

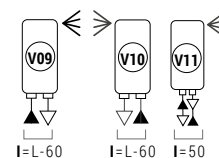
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



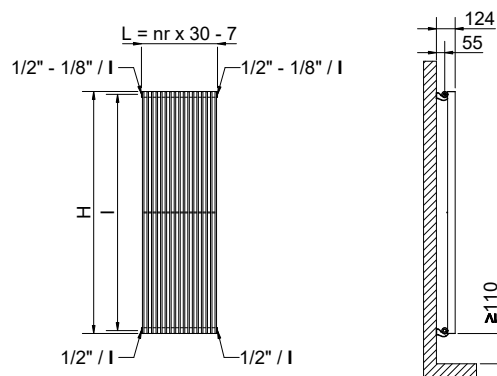
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



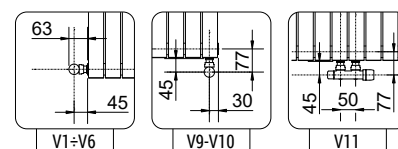
LEGEND

► In	▮ Pipe Centres
◄ Out	▮ L Width
◄◄ Airvent	▮ Connection
H Height	▮ Welded cap

Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE KEIRA VERTICAL RADIATOR

Radiator model E.g.: KEIRA VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1400 mm	Connection code Example: connection V02	Color code Es: T01 - Matt black	Constant value
KE10	24	140	V02	T01	A

Example of article code creation

KE10 KEIRA VERTICAL
24 24 Elements (see table below)
140 Height 1400 mm (see table below)
V02 Connection V02 (see next page)
T01 Color T01 - Matt black (see color chart)
A Constant value

The article code will be:

KE10 24 140 V02 T01 A

Height H [mm]		538		638		738		838		938		1400		1600		1800		1900	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
263	9	280	343,00	322	351,00	365	353,00	407	357,00	449	382,00	651	432,00	743	490,00	836	505,00	885	522,00
293	10	311	354,00	358	363,60	405	367,70	452	373,80	499	408,25	723	459,30	825	519,40	929	538,60	983	557,70
323	11	342	365,00	394	376,20	446	382,40	497	390,60	549	434,50	795	486,60	908	548,80	1022	572,20	1081	593,40
353	12	373	376,00	430	388,80	486	397,10	542	407,40	599	460,75	868	513,90	990	578,20	1115	605,80	1180	629,10
383	13	404	387,00	465	401,40	527	411,80	588	424,20	649	487,00	940	541,20	1073	607,60	1208	639,40	1278	664,80
413	14	435	398,00	501	414,00	567	426,50	633	441,00	699	513,25	1012	568,50	1155	637,00	1301	673,00	1376	700,50
443	15	467	409,00	537	426,60	608	441,20	678	457,80	749	539,50	1085	595,80	1238	666,40	1394	706,60	1475	736,20
473	16	498	420,00	573	439,20	648	455,90	723	474,60	799	565,75	1157	623,10	1320	695,80	1486	740,20	1573	771,90
503	17	529	431,00	609	451,80	689	470,60	768	491,40	849	592,00	1229	650,40	1403	725,20	1579	773,80	1671	807,60
533	18	560	442,00	644	464,40	729	485,30	814	508,20	898	618,25	1301	677,70	1485	754,60	1672	807,40	1769	843,30
563	19	591	453,00	680	477,00	770	500,00	859	525,00	948	644,50	1374	705,00	1568	784,00	1765	841,00	1868	879,00
593	20	622	464,00	716	489,60	810	514,70	904	541,80	998	670,75	1446	732,30	1650	813,40	1858	874,60		
623	21	653	475,00	752	502,20	851	529,40	949	558,60	1048	697,00	1518	759,60	1733	842,80				
653	22	684	486,00	788	514,80	891	544,10	994	575,40	1098	723,25	1591	786,90						
683	23	715	497,00	823	527,40	932	558,80	1040	592,20	1148	749,50								
713	24	746	508,00	859	540,00	972	573,50	1085	609,00	1198	775,75								
743	25	778	519,00	895	552,60	1013	588,20	1130	625,80	1248	802,00								
773	26	809	530,00	931	565,20	1053	602,90	1175	642,60	1298	828,25								
803	27	840	541,00	967	577,80	1094	617,60	1220	659,40	1348	854,50								
833	28	871	552,00	1002	590,40	1134	632,30	1266	676,20	1398	880,75								
863	29	902	563,00	1038	603,00	1175	647,00	1311	693,00	1447	907,00								
893	30	933	574,00	1074	615,60	1215	661,70	1356	709,80	1497	933,25								
923	31	964	585,00	1110	628,20	1256	676,40	1401	726,60	1547	959,50								
953	32	995	596,00	1146	640,80	1296	691,10	1446	743,40	1597	985,75								
983	33	1026	607,00	1181	653,40	1337	705,80	1492	760,20	1647	1.012,00								
1013	34	1057	618,00	1217	666,00	1377	720,50	1537	777,00	1697	1.038,25								
1043	35	1089	629,00	1253	678,60	1418	735,20	1582	793,80	1747	1.064,50								
1073	36	1120	640,00	1289	691,20	1458	749,90	1627	810,60	1797	1.090,75								
1103	37	1151	651,00	1325	703,80	1499	764,60	1672	827,40	1847	1.117,00								
1133	38	1182	662,00	1360	716,40	1539	779,30	1718	844,20	1897	1.143,25								
1163	39	1213	673,00	1396	729,00	1580	794,00	1763	861,00	1947	1.169,50								
1193	40	1244	684,00	1432	741,60	1620	808,70	1808	877,80	1997	1.195,75								
1223	41	1275	695,00	1468	754,20	1661	823,40	1853	894,60	2046	1.222,00								
1253	42	1306	706,00	1504	766,80	1701	838,10	1898	911,40										
1283	43	1337	717,00	1539	779,40	1742	852,80												
1313	44	1368	728,00	1575	792,00	1782	867,50												
1373	46	1431	750,00	1647	817,20														
1433	48	1493	772,00																

All intermediate sizes are available for widths from 9 to 48 elements and heights from 538 to 2200 mm

Prices are referred to color WHITE R01 version and STANDARD connection.



Height H [mm]		2000		2200	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
263	9	934	546,00	1036	608,00
293	10	1038	583,80	1151	650,00
323	11	1142	621,60	1266	692,00
353	12	1246	659,40	1381	734,00
383	13	1349	697,20	1496	776,00
413	14	1453	735,00	1611	818,00
443	15	1557	772,80	1727	860,00
473	16	1661	810,60	1842	902,00
503	17	1765	848,40		
533	18	1868	886,20		

KEIRA

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 1600 mm			
9	263	16,2	743	558	386	KE10 09 160 V ___ A	490,00	590,00	640,00
10	293	18,0	825	620	429	KE10 10 160 V ___ A	519,40	619,40	669,40
11	323	19,8	908	682	472	KE10 11 160 V ___ A	548,80	648,80	698,80
12	353	21,6	990	744	515	KE10 12 160 V ___ A	578,20	678,20	728,20
13	383	23,4	1073	806	558	KE10 13 160 V ___ A	607,60	707,60	757,60
14	413	25,2	1155	868	601	KE10 14 160 V ___ A	637,00	737,00	787,00
15	443	27,0	1238	930	643	KE10 15 160 V ___ A	666,40	766,40	816,40
16	473	28,8	1320	992	686	KE10 16 160 V ___ A	695,80	795,80	845,80
17	503	30,7	1403	1054	729	KE10 17 160 V ___ A	725,20	825,20	875,20
18	533	32,5	1485	1116	772	KE10 18 160 V ___ A	754,60	854,60	904,60
19	563	34,3	1568	1178	815	KE10 19 160 V ___ A	784,00	884,00	934,00
20	593	36,1	1650	1240	858	KE10 20 160 V ___ A	813,40	913,40	963,40
21	623	37,9	1733	1302	901	KE10 21 160 V ___ A	842,80	942,80	992,80

H 1900 mm									
9	263	19,2	885	666	462	KE10 09 190 V ___ A	522,00	622,00	672,00
10	293	21,3	983	740	513	KE10 10 190 V ___ A	557,70	657,70	707,70
11	323	23,4	1081	814	564	KE10 11 190 V ___ A	593,40	693,40	743,40
12	353	25,5	1180	888	615	KE10 12 190 V ___ A	629,10	729,10	779,10
13	383	27,7	1278	962	667	KE10 13 190 V ___ A	664,80	764,80	814,80
14	413	29,8	1376	1036	718	KE10 14 190 V ___ A	700,50	800,50	850,50
15	443	31,9	1475	1110	769	KE10 15 190 V ___ A	736,20	836,20	886,20
16	473	34,1	1573	1184	821	KE10 16 190 V ___ A	771,90	871,90	921,90
17	503	36,2	1671	1258	872	KE10 17 190 V ___ A	807,60	907,60	957,60
18	533	38,3	1769	1332	923	KE10 18 190 V ___ A	843,30	943,30	993,30
19	563	40,5	1868	1406	975	KE10 19 190 V ___ A	879,00	979,00	1.029,00

H 2200 mm									
9	263	22,1	1036	776	534	KE10 09 220 V ___ A	608,00	708,00	758,00
10	293	24,6	1151	862	594	KE10 10 220 V ___ A	650,00	750,00	800,00
11	323	27,0	1266	948	653	KE10 11 220 V ___ A	692,00	792,00	842,00
12	353	29,5	1381	1034	713	KE10 12 220 V ___ A	734,00	834,00	884,00
13	383	31,9	1496	1121	772	KE10 13 220 V ___ A	776,00	876,00	926,00
14	413	34,4	1611	1207	831	KE10 14 220 V ___ A	818,00	918,00	968,00
15	443	36,8	1727	1293	891	KE10 15 220 V ___ A	860,00	960,00	1.010,00
16	473	39,3	1842	1379	950	KE10 16 220 V ___ A	902,00	1.002,00	1.052,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 1800 mm			
9	263	18,2	836	629	436	KE10 09 180 V ___ A	505,00	605,00	655,00
10	293	20,2	929	699	484	KE10 10 180 V ___ A	538,60	638,60	688,60
11	323	22,2	1022	769	533	KE10 11 180 V ___ A	572,20	672,20	722,20
12	353	24,2	1115	839	581	KE10 12 180 V ___ A	605,80	705,80	755,80
13	383	26,3	1208	909	629	KE10 13 180 V ___ A	639,40	739,40	789,40
14	413	28,3	1301	978	678	KE10 14 180 V ___ A	673,00	773,00	823,00
15	443	30,3	1394	1048	726	KE10 15 180 V ___ A	706,60	806,60	856,60
16	473	32,3	1486	1118	775	KE10 16 180 V ___ A	740,20	840,20	890,20
17	503	34,3	1579	1188	823	KE10 17 180 V ___ A	773,80	873,80	923,80
18	533	36,4	1672	1258	872	KE10 18 180 V ___ A	807,40	907,40	957,40
19	563	38,4	1765	1328	920	KE10 19 180 V ___ A	841,00	941,00	991,00
20	593	40,4	1858	1398	968	KE10 20 180 V ___ A	874,60	974,60	1.024,60

H 2000 mm									
9	263	20,1	934	703	488	KE10 09 200 V ___ A	546,00	646,00	696,00
10	293	22,4	1038	782	542	KE10 10 200 V ___ A	583,80	683,80	733,80
11	323	24,6	1142	860	596	KE10 11 200 V ___ A	621,60	721,60	771,60
12	353	26,9	1246	938	651	KE10 12 200 V ___ A	659,40	759,40	809,40
13	383	29,1	1349	1016	705	KE10 13 200 V ___ A	697,20	797,20	847,20
14	413	31,3	1453	1094	759	KE10 14 200 V ___ A	735,00	835,00	885,00
15	443	33,6	1557	1172	813	KE10 15 200 V ___ A	772,80	872,80	922,80
16	473	35,8	1661	1251	868	KE10 16 200 V ___ A	810,60	910,60	960,60
17	503	38,0	1765	1329	922	KE10 17 200 V ___ A	848,40	948,40	998,40
18	533	40,3	1868	1407	976	KE10 18 200 V ___ A	886,20	986,20	1.036,20

HOW TO ORDER THE KEIRA VERTICAL RADIATOR

Radiator model E.g.: KEIRA VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1400 mm	Connection code Example: connection V02	Color code Es: T01 - Matt black	Constant value
KE10	24	140	V02	T01	A

Example of article code creation

KE10... KEIRA VERTICAL
 24... 24 Elements
 140... Height 1400 mm
 V02... Connection V02 (see product page)
 T01... Color T01 - Matt black (see color chart)
 A... Constant value

The article code will be:
KE10 24 140 V02 T01 A

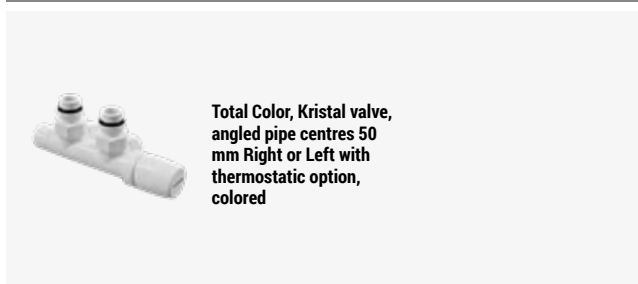


Height H [mm]	538	638	738	838	938	1400	1600	1800	1900
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	52,7	60,6	68,4	76,1	83,8	118,8	133,9	149,2	156,8
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	27,5	31,6	35,7	39,7	43,4	61,0	68,3	76,1	80,1
Dry Weight per element [kg]	1,238	1,456	1,673	1,890	2,107	3,107	3,541	3,976	4,193
Water content [lt]	0,45	0,523	0,595	0,667	0,740	1,073	1,217	1,362	1,434
Element surface [m ²]	0,137	0,161	0,185	0,209	0,233	0,343	0,391	0,439	0,463
Exponent n	1,2736	1,2732	1,2728	1,2724	1,2893	1,3063	1,3184	1,3168	1,316
Pipe Centres I [mm] (V3-V4 only)	500	600	700	800	900	1362	1562	1762	1862

For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50\text{ x}$ (Desired $\Delta T/50$)ⁿ**

Height H [mm]	2000	2200
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	164,5	180,1
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	84,0	92,1
Dry Weight per element [kg]	4,410	4,844
Water content [lt]	1,507	1,651
Element surface [m ²]	0,487	0,535
Exponent n	1,3152	1,3136
Pipe Centres I [mm] (V3-V4 only)	1962	2162

AVAILABLE ACCESSORIES



Total Color, Kristal valve,
angled pipe centres 50
mm Right or Left with
thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 38 mm horizontal collectors in painted mild steel.
- 10 x 50 mm double row of rectangular vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

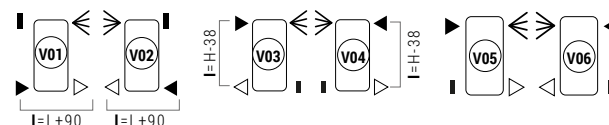
COLORS:

See color chart on pages II and III.

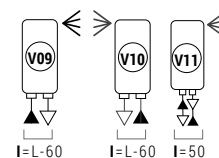
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



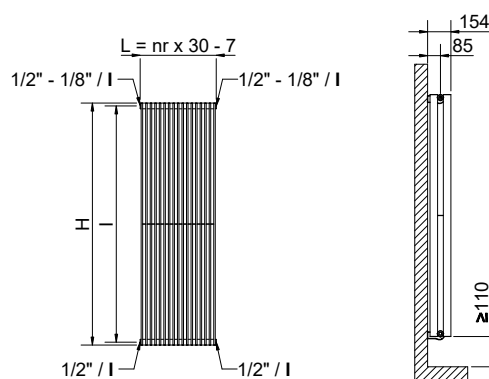
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



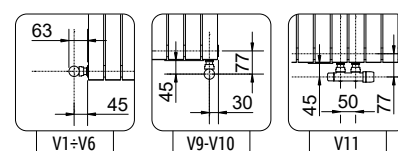
LEGEND

- ▶ In
- ◀ Out
- ≡ Airvent
- H Height
- I Pipe Centres
- L Width
- Connection
- Welded cap

Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE KEIRA TANDEM VERTICAL RADIATOR

Radiator model E.g.: KEIRA TANDEM VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1400 mm	Connection code Example: connection V02	Color code Es: T01 - Matt black	Constant value
KT10	24	140	V02	T01	A

Example of article code creation

KT10 KEIRA TANDEM VERTICAL
24 24 Elements (see table below)
140 Height 1400 mm (see table below)
V02 Connection V02 (see next page)
T01 Color T01 - Matt black (see color chart)
A Constant value

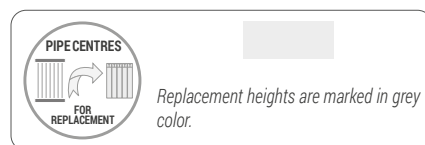
The article code will be:

KT10 24 140 V02 T01 A

Height H [mm]		538		638		738		838		938		1400		1600		1800		1900	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
263	9	474	545,00	545	563,00	616	570,00	685	595,00	754	697,00	1069	789,00	1205	850,00	1343	873,00	1411	901,00
293	10	527	573,00	606	597,00	684	608,00	761	637,00	838	745,00	1188	841,00	1339	906,00	1492	937,00	1568	973,00
323	11	580	601,00	667	631,00	752	646,00	837	679,00	922	793,00	1307	893,00	1473	962,00	1641	1.001,00	1725	1.045,00
353	12	632	629,00	727	665,00	821	684,00	913	721,00	1006	841,00	1426	945,00	1607	1.018,00	1790	1.065,00	1882	1.117,00
383	13	685	657,00	788	699,00	889	722,00	989	763,00	1089	889,00	1544	997,00	1741	1.074,00	1940	1.129,00	2038	1.189,00
413	14	738	685,00	848	733,00	958	760,00	1065	805,00	1173	937,00	1663	1.049,00	1875	1.130,00	2089	1.193,00	2195	1.261,00
443	15	791	713,00	909	767,00	1026	798,00	1142	847,00	1257	985,00	1782	1.101,00	2009	1.186,00	2238	1.257,00	2352	1.333,00
473	16	843	741,00	970	801,00	1094	836,00	1218	889,00	1341	1.033,00	1901	1.153,00	2142	1.242,00	2387	1.321,00	2509	1.405,00
503	17	896	769,00	1030	835,00	1163	874,00	1294	931,00	1424	1.081,00	2020	1.205,00	2276	1.298,00	2536	1.385,00	2666	1.477,00
533	18	949	797,00	1091	869,00	1231	912,00	1370	973,00	1508	1.129,00	2138	1.257,00	2410	1.354,00	2686	1.449,00	2822	1.549,00
563	19	1001	825,00	1151	903,00	1300	950,00	1446	1.015,00	1592	1.177,00	2257	1.309,00	2544	1.410,00	2835	1.513,00	2979	1.621,00
593	20	1054	853,00	1212	937,00	1368	988,00	1522	1.057,00	1676	1.225,00	2376	1.361,00	2678	1.466,00	2984	1.577,00		
623	21	1107	881,00	1273	971,00	1436	1.026,00	1598	1.099,00	1760	1.273,00	2495	1.413,00	2812	1.522,00				
653	22	1159	909,00	1333	1.005,00	1505	1.064,00	1674	1.141,00	1843	1.321,00	2614	1.465,00						
683	23	1212	937,00	1394	1.039,00	1573	1.102,00	1750	1.183,00	1927	1.369,00								
713	24	1265	965,00	1454	1.073,00	1642	1.140,00	1826	1.225,00	2011	1.417,00								
743	25	1318	993,00	1515	1.107,00	1710	1.178,00	1903	1.267,00	2095	1.465,00								
773	26	1370	1.021,00	1576	1.141,00	1778	1.216,00	1979	1.309,00	2179	1.513,00								
803	27	1423	1.049,00	1636	1.175,00	1847	1.254,00	2055	1.351,00	2262	1.561,00								
833	28	1476	1.077,00	1697	1.209,00	1915	1.292,00	2131	1.393,00	2346	1.609,00								
863	29	1528	1.105,00	1757	1.243,00	1984	1.330,00	2207	1.435,00	2430	1.657,00								
893	30	1581	1.133,00	1818	1.277,00	2052	1.368,00	2283	1.477,00	2514	1.705,00								
923	31	1634	1.161,00	1879	1.311,00	2120	1.406,00	2359	1.519,00	2598	1.753,00								
953	32	1686	1.189,00	1939	1.345,00	2189	1.444,00	2435	1.561,00	2681	1.801,00								
983	33	1739	1.217,00	2000	1.379,00	2257	1.482,00	2511	1.603,00	2765	1.849,00								
1013	34	1792	1.245,00	2060	1.413,00	2326	1.520,00	2587	1.645,00	2849	1.897,00								
1043	35	1845	1.273,00	2121	1.447,00	2394	1.558,00	2664	1.687,00	2933	1.945,00								
1073	36	1897	1.301,00	2182	1.481,00	2462	1.596,00	2740	1.729,00	3017	1.993,00								
1103	37	1950	1.329,00	2242	1.515,00	2531	1.634,00	2816	1.771,00	3100	2.041,00								
1133	38	2003	1.357,00	2303	1.549,00	2599	1.672,00	2892	1.813,00	3184	2.089,00								
1163	39	2055	1.385,00	2363	1.583,00	2668	1.710,00	2968	1.855,00	3268	2.137,00								
1193	40	2108	1.413,00	2424	1.617,00	2736	1.748,00	3044	1.897,00	3352	2.185,00								
1223	41	2161	1.441,00	2485	1.651,00	2804	1.786,00	3120	1.939,00										
1253	42	2213	1.469,00	2545	1.685,00	2873	1.824,00	3196	1.981,00										
1283	43	2266	1.497,00	2606	1.719,00	2941	1.862,00												
1313	44	2319	1.525,00	2666	1.753,00														
1373	46	2424	1.581,00	2788	1.821,00														
1433	48	2530	1.637,00																

All intermediate sizes are available for widths from 9 to 48 elements and heights from 538 to 2200 mm

Prices are referred to color WHITE R01 version and STANDARD connection.



Height H [mm]		2000		2200	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
263	9	1481	934,00	1621	972,00
293	10	1645	1.010,00	1801	1.062,00
323	11	1810	1.086,00	1981	1.152,00
353	12	1974	1.162,00	2161	1.242,00
383	13	2139	1.238,00	2341	1.332,00
413	14	2303	1.314,00	2521	1.422,00
443	15	2468	1.390,00	2702	1.512,00
473	16	2632	1.466,00	2882	1.602,00
503	17	2797	1.542,00		
533	18	2961	1.618,00		

KEIRA

TANDEM VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1600 mm									
10	293	35,4	1339	998	683	KT10 10 160 V ___ A	906,00	1.006,00	1.056,00
11	323	39,0	1473	1098	751	KT10 11 160 V ___ A	962,00	1.062,00	1.112,00
12	353	42,5	1607	1197	819	KT10 12 160 V ___ A	1.018,00	1.118,00	1.168,00
13	383	46,0	1741	1297	888	KT10 13 160 V ___ A	1.074,00	1.174,00	1.224,00
14	413	49,6	1875	1397	956	KT10 14 160 V ___ A	1.130,00	1.230,00	1.280,00
15	443	53,1	2009	1497	1024	KT10 15 160 V ___ A	1.186,00	1.286,00	1.336,00
16	473	56,7	2142	1596	1092	KT10 16 160 V ___ A	1.242,00	1.342,00	1.392,00
17	503	60,2	2276	1696	1161	KT10 17 160 V ___ A	1.298,00	1.398,00	1.448,00
18	533	63,7	2410	1796	1229	KT10 18 160 V ___ A	1.354,00	1.454,00	1.504,00
19	563	67,3	2544	1896	1297	KT10 19 160 V ___ A	1.410,00	1.510,00	1.560,00
20	593	70,8	2678	1995	1366	KT10 20 160 V ___ A	1.466,00	1.566,00	1.616,00
21	623	74,4	2812	2095	1434	KT10 21 160 V ___ A	1.522,00	1.622,00	1.672,00

H 1900 mm									
9	263	37,7	1411	1052	721	KT10 09 190 V ___ A	901,00	1.001,00	1.051,00
10	293	41,9	1568	1169	801	KT10 10 190 V ___ A	973,00	1.073,00	1.123,00
11	323	46,1	1725	1286	881	KT10 11 190 V ___ A	1.045,00	1.145,00	1.195,00
12	353	50,3	1882	1403	961	KT10 12 190 V ___ A	1.117,00	1.217,00	1.267,00
13	383	54,5	2038	1520	1041	KT10 13 190 V ___ A	1.189,00	1.289,00	1.339,00
14	413	58,7	2195	1637	1121	KT10 14 190 V ___ A	1.261,00	1.361,00	1.411,00
15	443	62,9	2352	1753	1201	KT10 15 190 V ___ A	1.333,00	1.433,00	1.483,00
16	473	67,1	2509	1870	1281	KT10 16 190 V ___ A	1.405,00	1.505,00	1.555,00
17	503	71,3	2666	1987	1361	KT10 17 190 V ___ A	1.477,00	1.577,00	1.627,00
18	533	75,5	2822	2104	1441	KT10 18 190 V ___ A	1.549,00	1.649,00	1.699,00
19	563	79,7	2979	2221	1521	KT10 19 190 V ___ A	1.621,00	1.721,00	1.771,00

H 2200 mm									
9	263	43,6	1621	1209	829	KT10 09 220 V ___ A	972,00	1.072,00	1.122,00
10	293	48,4	1801	1343	921	KT10 10 220 V ___ A	1.062,00	1.162,00	1.212,00
11	323	53,3	1981	1478	1013	KT10 11 220 V ___ A	1.152,00	1.252,00	1.302,00
12	353	58,1	2161	1612	1105	KT10 12 220 V ___ A	1.242,00	1.342,00	1.392,00
13	383	63,0	2341	1746	1197	KT10 13 220 V ___ A	1.332,00	1.432,00	1.482,00
14	413	67,8	2521	1881	1289	KT10 14 220 V ___ A	1.422,00	1.522,00	1.572,00
15	443	72,7	2702	2015	1381	KT10 15 220 V ___ A	1.512,00	1.612,00	1.662,00
16	473	77,5	2882	2149	1473	KT10 16 220 V ___ A	1.602,00	1.702,00	1.752,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1800 mm									
10	293	39,8	1492	1112	761	KT10 10 180 V ___ A	937,00	1.037,00	1.087,00
11	323	43,7	1641	1223	838	KT10 11 180 V ___ A	1.001,00	1.101,00	1.151,00
12	353	47,7	1790	1335	914	KT10 12 180 V ___ A	1.065,00	1.165,00	1.215,00
13	383	51,7	1940	1446	990	KT10 13 180 V ___ A	1.129,00	1.229,00	1.279,00
14	413	55,7	2089	1557	1066	KT10 14 180 V ___ A	1.193,00	1.293,00	1.343,00
15	443	59,6	2238	1668	1142	KT10 15 180 V ___ A	1.257,00	1.357,00	1.407,00
16	473	63,6	2387	1779	1218	KT10 16 180 V ___ A	1.321,00	1.421,00	1.471,00
17	503	67,6	2536	1891	1294	KT10 17 180 V ___ A	1.385,00	1.485,00	1.535,00
18	533	71,6	2686	2002	1371	KT10 18 180 V ___ A	1.449,00	1.549,00	1.599,00
19	563	75,5	2835	2113	1447	KT10 19 180 V ___ A	1.513,00	1.613,00	1.663,00
20	593	79,5	2984	2224	1523	KT10 20 180 V ___ A	1.577,00	1.677,00	1.727,00

H 2000 mm									
9	263	39,7	1481	1104	756	KT10 09 200 V ___ A	934,00	1.034,00	1.084,00
10	293	44,1	1645	1227	840	KT10 10 200 V ___ A	1.010,00	1.110,00	1.160,00
11	323	48,5	1810	1349	924	KT10 11 200 V ___ A	1.086,00	1.186,00	1.236,00
12	353	52,9	1974	1472	1008	KT10 12 200 V ___ A	1.162,00	1.262,00	1.312,00
13	383	57,3	2139	1595	1092	KT10 13 200 V ___ A	1.238,00	1.338,00	1.388,00
14	413	61,7	2303	1717	1176	KT10 14 200 V ___ A	1.314,00	1.414,00	1.464,00
15	443	66,2	2468	1840	1260	KT10 15 200 V ___ A	1.390,00	1.490,00	1.540,00
16	473	70,6	2632	1963	1344	KT10 16 200 V ___ A	1.466,00	1.566,00	1.616,00
17	503	75,0	2797	2085	1428	KT10 17 200 V ___ A	1.542,00	1.642,00	1.692,00
18	533	79,4	2961	2208	1512	KT10 18 200 V ___ A	1.618,00	1.718,00	1.768,00

HOW TO ORDER THE KEIRA TANDEM VERTICAL RADIATOR

Radiator model E.g.: KEIRA TANDEM VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1400 mm	Connection code Example: connection V02	Color code Es: T01 - Matt black	Constant value
KT10	24	140	V02	T01	A

Example of article code creation

KT10 KEIRA TANDEM VERTICAL
24 24 Elements
140 Height 1400 mm
V02 connection V02 (see product page)
T01 color T01 - Matt black (see color chart)
A Constant value

The article code will be:
KT10 24 140 V02 T01 A

KARIN VX

VERTICAL

WARRANTY 5 YEARS



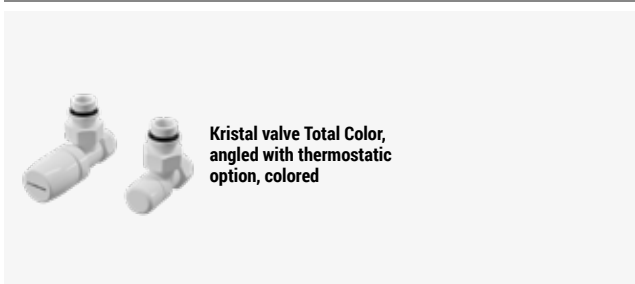
Color: T01 Matt black

Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	21,1	25,0	32,6	39,9	46,9	53,7	57,1	60,3	63,3
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	11,0	13,1	17,0	20,8	24,5	28,1	29,9	31,6	33,3
Dry Weight per element [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949	1,005
Water content [lt]	0,140	0,162	0,206	0,250	0,295	0,339	0,361	0,383	0,406
Element surface [m ²]	0,040	0,047	0,061	0,075	0,089	0,103	0,110	0,117	0,124
Exponent n	1,2691	1,2708	1,2742	1,2725	1,2708	1,2691	1,2682	1,2673	1,2664
Pipe Centres I [mm] (V3-V4 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different Δt , please refer to the following formula: **desired output = output at $\Delta t 50\text{ x}$ (Desired $\Delta t/50$)ⁿ**

Height H [mm]	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	66,7	69,9	72,9	78,9	81,9	87,6
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	34,9	36,5	38,0	41,0	42,5	45,2
Dry Weight per element [kg]	1,061	1,117	1,173	1,285	1,341	1,453
Water content [lt]	0,428	0,450	0,472	0,516	0,539	0,583
Element surface [m ²]	0,131	0,138	0,145	0,159	0,166	0,180
Exponent n	1,2656	1,2698	1,2739	1,2823	1,2865	1,2948
Pipe Centres I [mm] (V3-V4 only)	1770	1870	1970	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- 15x20 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

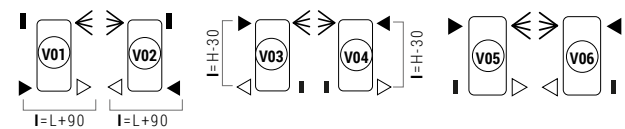
COLORS:

See color chart on pages II and III.

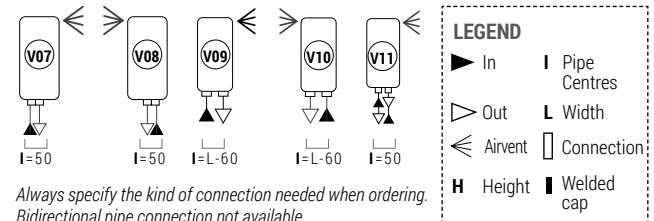
CERTIFICATES



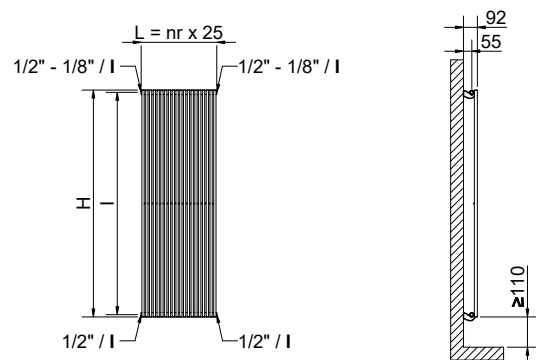
STANDARD CONNECTIONS WITHOUT SURCHARGE



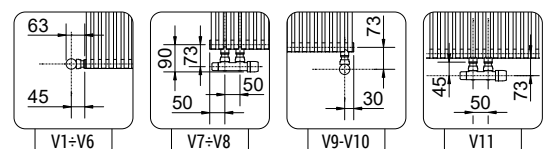
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



KARIN VX

HORIZONTAL



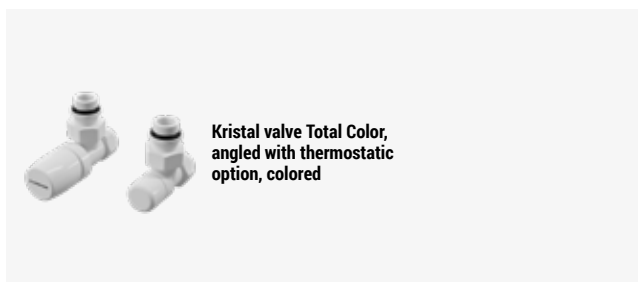
Color: F38 Sandstone

Width L [mm]	500	600	800	1000	1200	1400	1500	1600
Dry Weight per element [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949
Water content [lt]	0,140	0,162	0,206	0,250	0,294	0,338	0,360	0,382
Element surface [m ²]	0,400	0,047	0,061	0,075	0,089	0,103	0,110	0,117
Pipe Centres I [mm] (H1 only)	470	570	770	970	1170	1370	1470	1570

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1700	1800	1900	2000	2200	2300	2500
Dry Weight per element [kg]	1,005	1,061	1,117	1,173	1,285	1,341	1,453
Water content [lt]	0,404	0,426	0,448	0,470	0,514	0,536	0,580
Element surface [m ²]	0,124	0,131	0,138	0,145	0,159	0,166	0,180
Pipe Centres I [mm] (H1 only)	1670	1770	1870	1970	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 15x20 mm rectangular horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

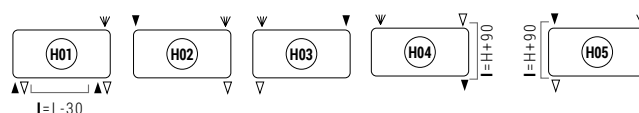
COLORS:

See color chart on pages II and III.

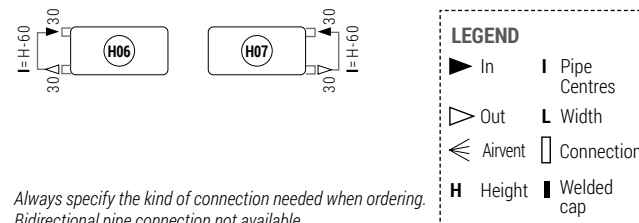
CERTIFICATES



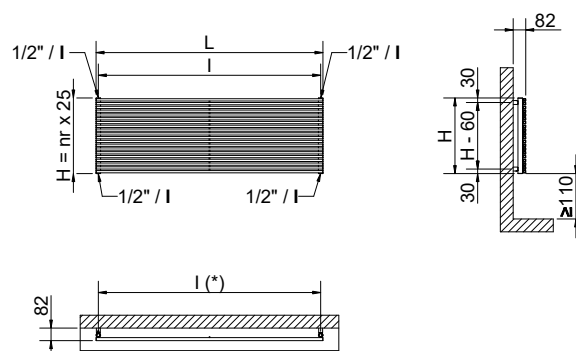
STANDARD CONNECTIONS WITHOUT SURCHARGE



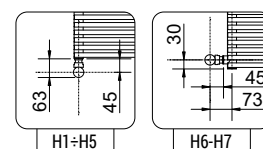
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 8 bar

Functioning: **hot water**

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

HOW TO ORDER THE KARIN VX HORIZONTAL RADIATOR

Radiator model E.g.: KARIN VX horizontal	Nr of Elements E.g.: 24 Elements	Width in mm Example: 1600 mm	Connection code Example: connection H07	Color code Es: R01 - White	Constant value
KA15	24	160	H07	R01	A

Example of article code creation

KA15 KARIN VX HORIZONTAL
24 24 Elements (see table below)
160 Width 1600 mm (see table below)
H07 Connection H07 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

KA15 24 160 H07 R01 A

Width L [mm]		500		600		800		1000		1200		1400		1500		1600		OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt=30°C		
200	8	169	373,00	202	377,00	270	381,00	337	383,00	405	386,00	472	388,00	506	391,00	539	394,00	175		1,2882
250	10	211	391,00	253	395,80	338	401,00	422	405,00	507	410,00	591	414,00	633	419,00	676	424,00	221		1,2672
300	12	252	409,00	302	414,60	403	421,00	504	427,00	604	434,00	705	440,00	755	447,00	806	454,00	266		1,2465
350	14	290	427,00	348	433,40	464	441,00	580	449,00	696	458,00	812	466,00	870	475,00	928	484,00	310		1,2258
400	16	326	445,00	391	452,20	521	461,00	652	471,00	782	482,00	913	492,00	978	503,00	1043	514,00	352		1,2051
450	18	359	463,00	431	471,00	575	481,00	719	493,00	862	506,00	1006	518,00	1078	531,00	1150	544,00	390		1,1979
500	20	390	481,00	468	489,80	624	501,00	780	515,00	936	530,00	1092	544,00	1170	559,00	1248	574,00	425		1,1907
550	22	418	499,00	502	508,60	669	521,00	837	537,00	1004	554,00	1171	570,00	1255	587,00	1339	604,00	457		1,1846
600	24	444	517,00	533	527,40	711	541,00	888	559,00	1066	578,00	1244	596,00	1333	615,00	1421	634,00	485		1,1858
650	26	468	535,00	561	546,20	748	561,00	935	581,00	1122	602,00	1310	622,00	1403	643,00	1497	664,00	510		1,1881
700	28	489	553,00	587	565,00	782	581,00	978	603,00	1173	626,00	1369	648,00	1467	671,00	1564	694,00	532		1,1904
750	30	508	571,00	609	583,80	812	601,00	1016	625,00	1219	650,00	1422	674,00	1523	699,00	1625	724,00	552		1,1927
800	32	525	589,00	630	602,60	839	621,00	1049	647,00	1259	674,00	1469	700,00	1574	727,00	1679	754,00	570		1,1932
850	34	539	607,00	647	621,40	863	641,00	1079	669,00	1295	698,00	1510	726,00	1618	755,00	1726	784,00	586		1,1952
900	36	552	625,00	663	640,20	884	661,00	1105	691,00	1326	722,00	1547	752,00	1657	783,00	1768	814,00	599		1,1972
950	38	564	643,00	676	659,00	902	681,00	1127	713,00	1352	746,00	1578	778,00	1691	811,00	1803	844,00	611		1,1992
1000	40	573	661,00	687	677,80	917	701,00	1146	735,00	1375	770,00	1604	804,00	1719	839,00	1833	874,00	620		1,2012
1050	42	581	679,00	697	696,60	929	721,00	1161	757,00	1394	794,00	1626	830,00	1742	867,00	1858	904,00	628		1,2032
1100	44	587	697,00	704	715,40	939	741,00	1174	779,00	1409	818,00	1643	856,00	1761	895,00	1878	934,00	634		1,2052

All intermediate sizes for heights from 8 to 44 Elements and widths from 500 to 2500 mm.

Prices are referred to color WHITE R01 version and STANDARD connection.

Width L [mm]		1700		1800		1900		2000		2200		2300		2500		OUTPUT PER LINEAR METER		Exp. n
Height H [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt=30°C		
200	8	573	396,00	607	397,00	640	414,00	674	424,00	742	437,00	775	439,00	843	444,00	175		1,2882
250	10	718	428,00	760	431,00	802	450,00	845	462,00	929	479,00	971	487,00	1056	494,00	221		1,2672
300	12	856	460,00	906	465,00	957	486,00	1007	500,00	1108	521,00	1158	535,00	1259	544,00	266		1,2465
350	14	986	492,00	1044	499,00	1102	522,00	1160	538,00	1276	563,00	1334	583,00	1450	594,00	310		1,2258
400	16	1108	524,00	1173	533,00	1238	558,00	1304	576,00	1434	605,00	1499	631,00	1630	644,00	352		1,2051
450	18	1221	556,00	1293	567,00	1365	594,00	1437	614,00	1581	647,00	1653	679,00	1796	694,00	390		1,1979
500	20	1326	588,00	1404	601,00	1482	630,00	1560	652,00	1716	689,00	1794	727,00	1950	744,00	425		1,1907
550	22	1422	620,00	1506	635,00	1590	666,00	1673	690,00	1841	731,00	1924	775,00	2092	794,00	457		1,1846
600	24	1510	652,00	1599	669,00	1688	702,00	1777	728,00	1954	773,00	2043	823,00	2221	844,00	485		1,1858
650	26	1590	684,00	1684	703,00	1777	738,00	1871	766,00	2058	815,00	2151	871,00	2339	894,00	510		1,1881
700	28	1662	716,00	1760	737,00	1858	774,00	1955	804,00	2151	857,00	2249	919,00	2444	944,00	532		1,1904
750	30	1727	748,00	1828	771,00	1930	810,00	2031	842,00	2234	899,00	2336	967,00	2539	994,00	552		1,1927
800	32	1784	780,00	1889	805,00	1994	846,00	2099	880,00	2308	941,00	2413	1.015,00	2623	1.044,00	570		1,1932
850	34	1834	812,00	1942	839,00	2050	882,00	2158	918,00	2374	983,00	2481	1.063,00	2697	1.094,00	586		1,1952
900	36	1878	844,00	1989	873,00	2099	918,00	2210	956,00	2431	1.025,00	2541	1.111,00	2762	1.144,00	599		1,1972
950	38	1916	876,00	2029	907,00	2141	954,00	2254	994,00	2479	1.067,00	2592	1.159,00	2818	1.194,00	611		1,1992
1000	40	1948	908,00	2062	941,00	2177	990,00	2291	1.032,00	2521	1.109,00	2635	1.207,00	2864	1.244,00	620		1,2012
1050	42	1974	940,00	2090	975,00	2206	1.026,00	2323	1.070,00	2555	1.151,00	2671	1.255,00	2903	1.294,00	628		1,2032
1100	44	1995	972,00	2113	1.009,00	2230	1.062,00	2348	1.108,00	2582	1.193,00	2700	1.303,00	2935	1.344,00	634		1,2052

KARIN VX

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 400 mm										
16	500	1,2051	5,33	326	249	176	KA15 16 050 H _ _ _ A	445,00	545,00	595,00
	600	1,2051	6,22	391	299	211	KA15 16 060 H _ _ _ A	452,20	552,20	602,20
	800	1,2051	8,02	521	398	282	KA15 16 080 H _ _ _ A	461,00	561,00	611,00
	1000	1,2051	9,81	652	498	352	KA15 16 100 H _ _ _ A	471,00	571,00	621,00
	1200	1,2051	11,60	782	598	423	KA15 16 120 H _ _ _ A	482,00	582,00	632,00
	1400	1,2051	13,39	913	698	493	KA15 16 140 H _ _ _ A	492,00	592,00	642,00
	1500	1,2051	14,29	978	747	528	KA15 16 150 H _ _ _ A	503,00	603,00	653,00
	1600	1,2051	15,18	1043	797	564	KA15 16 160 H _ _ _ A	514,00	614,00	664,00
	1700	1,2051	16,08	1108	847	599	KA15 16 170 H _ _ _ A	524,00	624,00	674,00
	1800	1,2051	16,98	1173	896	634	KA15 16 180 H _ _ _ A	533,00	633,00	683,00
	1900	1,2051	17,87	1238	946	669	KA15 16 190 H _ _ _ A	558,00	658,00	708,00
	2000	1,2051	18,77	1304	997	705	KA15 16 200 H _ _ _ A	576,00	676,00	726,00
	2200	1,2051	20,56	1434	1096	775	KA15 16 220 H _ _ _ A	605,00	705,00	755,00
	2300	1,2051	21,46	1499	1146	810	KA15 16 230 H _ _ _ A	631,00	731,00	781,00
	2500	1,2051	23,25	1630	1246	881	KA15 16 250 H _ _ _ A	644,00	744,00	794,00
H 500 mm										
20	500	1,1907	6,66	390	299	212	KA15 20 050 H _ _ _ A	481,00	581,00	631,00
	600	1,1907	7,78	468	359	255	KA15 20 060 H _ _ _ A	489,80	589,80	639,80
	800	1,1907	10,02	624	478	340	KA15 20 080 H _ _ _ A	501,00	601,00	651,00
	1000	1,1907	12,26	780	598	425	KA15 20 100 H _ _ _ A	515,00	615,00	665,00
	1200	1,1907	14,50	936	718	509	KA15 20 120 H _ _ _ A	530,00	630,00	680,00
	1400	1,1907	16,74	1092	837	594	KA15 20 140 H _ _ _ A	544,00	644,00	694,00
	1500	1,1907	17,86	1170	897	637	KA15 20 150 H _ _ _ A	559,00	659,00	709,00
	1600	1,1907	18,98	1248	957	679	KA15 20 160 H _ _ _ A	574,00	674,00	724,00
	1700	1,1907	20,10	1326	1017	722	KA15 20 170 H _ _ _ A	588,00	688,00	738,00
	1800	1,1907	21,22	1404	1076	764	KA15 20 180 H _ _ _ A	601,00	701,00	751,00
	1900	1,1907	22,34	1482	1136	807	KA15 20 190 H _ _ _ A	630,00	730,00	780,00
	2000	1,1907	23,46	1560	1196	849	KA15 20 200 H _ _ _ A	652,00	752,00	802,00
	2200	1,1907	25,70	1716	1316	934	KA15 20 220 H _ _ _ A	689,00	789,00	839,00
	2300	1,1907	26,82	1794	1375	976	KA15 20 230 H _ _ _ A	727,00	827,00	877,00
	2500	1,1907	29,06	1950	1495	1061	KA15 20 250 H _ _ _ A	744,00	844,00	894,00
H 550 mm										
22	500	1,1846	7,33	418	321	228	KA15 22 050 H _ _ _ A	499,00	599,00	649,00
	600	1,1846	8,56	502	385	274	KA15 22 060 H _ _ _ A	508,60	608,60	658,60
	800	1,1846	11,02	669	514	365	KA15 22 080 H _ _ _ A	521,00	621,00	671,00
	1000	1,1846	13,49	837	643	457	KA15 22 100 H _ _ _ A	537,00	637,00	687,00
	1200	1,1846	15,95	1004	771	548	KA15 22 120 H _ _ _ A	554,00	654,00	704,00
	1400	1,1846	18,41	1171	899	639	KA15 22 140 H _ _ _ A	570,00	670,00	720,00
	1500	1,1846	19,65	1255	963	685	KA15 22 150 H _ _ _ A	587,00	687,00	737,00
	1600	1,1846	20,88	1339	1028	731	KA15 22 160 H _ _ _ A	604,00	704,00	754,00
	1700	1,1846	22,11	1422	1092	776	KA15 22 170 H _ _ _ A	620,00	720,00	770,00
	1800	1,1846	23,34	1506	1156	822	KA15 22 180 H _ _ _ A	635,00	735,00	785,00
	1900	1,1846	24,57	1590	1221	868	KA15 22 190 H _ _ _ A	666,00	766,00	816,00
	2000	1,1846	25,81	1673	1284	913	KA15 22 200 H _ _ _ A	690,00	790,00	840,00
	2200	1,1846	28,27	1841	1413	1005	KA15 22 220 H _ _ _ A	731,00	831,00	881,00
	2300	1,1846	29,50	1924	1477	1051	KA15 22 230 H _ _ _ A	775,00	875,00	925,00
	2500	1,1846	31,97	2092	1606	1142	KA15 22 250 H _ _ _ A	794,00	894,00	944,00

KARIN VX

HORIZONTAL

								Price [€]		
Elements	Width	Exponent	Dry Weight	Thermal output			Art. nr.			
				Δt 50°C	Δt 40°C	Δt 30°C		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	n	[Kg]	[Watt]						
H 600 mm										
24	500	1,1858	7,99	444	341	242	KA15 24 050 H __ _ A	517,00	617,00	667,00
	600	1,1858	9,34	533	409	291	KA15 24 060 H __ _ A	527,40	627,40	677,40
	800	1,1858	12,02	711	546	388	KA15 24 080 H __ _ A	541,00	641,00	691,00
	1000	1,1858	14,71	888	682	485	KA15 24 100 H __ _ A	559,00	659,00	709,00
	1200	1,1858	17,40	1066	818	582	KA15 24 120 H __ _ A	578,00	678,00	728,00
	1400	1,1858	20,09	1244	955	679	KA15 24 140 H __ _ A	596,00	696,00	746,00
	1500	1,1858	21,43	1333	1023	727	KA15 24 150 H __ _ A	615,00	715,00	765,00
	1600	1,1858	22,78	1421	1091	775	KA15 24 160 H __ _ A	634,00	734,00	784,00
	1700	1,1858	24,12	1510	1159	824	KA15 24 170 H __ _ A	652,00	752,00	802,00
	1800	1,1858	25,46	1599	1227	873	KA15 24 180 H __ _ A	669,00	769,00	819,00
	1900	1,1858	26,81	1688	1296	921	KA15 24 190 H __ _ A	702,00	802,00	852,00
	2000	1,1858	28,15	1777	1364	970	KA15 24 200 H __ _ A	728,00	828,00	878,00
	2200	1,1858	30,84	1954	1500	1066	KA15 24 220 H __ _ A	773,00	873,00	923,00
	2300	1,1858	32,18	2043	1568	1115	KA15 24 230 H __ _ A	823,00	923,00	973,00
	2500	1,1858	34,87	2221	1705	1212	KA15 24 250 H __ _ A	844,00	944,00	994,00

H 650 mm										
26	500	1,1881	8,66	468	359	255	KA15 26 050 H __ A	535,00	635,00	685,00
	600	1,1881	10,11	561	430	306	KA15 26 060 H __ A	546,20	646,20	696,20
	800	1,1881	13,03	748	574	408	KA15 26 080 H __ A	561,00	661,00	711,00
	1000	1,1881	15,94	935	717	510	KA15 26 100 H __ A	581,00	681,00	731,00
	1200	1,1881	18,85	1122	861	612	KA15 26 120 H __ A	602,00	702,00	752,00
	1400	1,1881	21,76	1310	1005	714	KA15 26 140 H __ A	622,00	722,00	772,00
	1500	1,1881	23,22	1403	1076	765	KA15 26 150 H __ A	643,00	743,00	793,00
	1600	1,1881	24,67	1497	1148	816	KA15 26 160 H __ A	664,00	764,00	814,00
	1700	1,1881	26,13	1590	1220	867	KA15 26 170 H __ A	684,00	784,00	834,00
	1800	1,1881	27,59	1684	1292	918	KA15 26 180 H __ A	703,00	803,00	853,00
	1900	1,1881	29,04	1777	1363	969	KA15 26 190 H __ A	738,00	838,00	888,00
	2000	1,1881	30,50	1871	1435	1020	KA15 26 200 H __ A	766,00	866,00	916,00
	2200	1,1881	33,41	2058	1579	1122	KA15 26 220 H __ A	815,00	915,00	965,00
	2300	1,1881	34,87	2151	1650	1172	KA15 26 230 H __ A	871,00	971,00	1.021,00
	2500	1,1881	37,78	2339	1794	1275	KA15 26 250 H __ A	894,00	994,00	1.044,00

H 700 mm										
28	500	1,1904	9,32	489	375	266	KA15 28 050 H __ A	553,00	653,00	703,00
	600	1,1904	10,89	587	450	320	KA15 28 060 H __ A	565,00	665,00	715,00
	800	1,1904	14,03	782	600	426	KA15 28 080 H __ A	581,00	681,00	731,00
	1000	1,1904	17,16	978	750	532	KA15 28 100 H __ A	603,00	703,00	753,00
	1200	1,1904	20,30	1173	899	639	KA15 28 120 H __ A	626,00	726,00	776,00
	1400	1,1904	23,44	1369	1050	745	KA15 28 140 H __ A	648,00	748,00	798,00
	1500	1,1904	25,00	1467	1125	799	KA15 28 150 H __ A	671,00	771,00	821,00
	1600	1,1904	26,57	1564	1199	851	KA15 28 160 H __ A	694,00	794,00	844,00
	1700	1,1904	28,14	1662	1274	905	KA15 28 170 H __ A	716,00	816,00	866,00
	1800	1,1904	29,71	1760	1349	958	KA15 28 180 H __ A	737,00	837,00	887,00
	1900	1,1904	31,28	1858	1425	1011	KA15 28 190 H __ A	774,00	874,00	924,00
	2000	1,1904	32,84	1955	1499	1064	KA15 28 200 H __ A	804,00	904,00	954,00
	2200	1,1904	35,98	2151	1649	1171	KA15 28 220 H __ A	857,00	957,00	1.007,00
	2300	1,1904	37,55	2249	1724	1224	KA15 28 230 H __ A	919,00	1.019,00	1.069,00
	2500	1,1904	40,68	2444	1874	1330	KA15 28 250 H __ A	944,00	1.044,00	1.094,00

HOW TO ORDER THE KARIN VX HORIZONTAL RADIATOR

Radiator model E.g.: KARIN VX horizontal	Nr of Elements E.g.: 24 Elements	Width in mm Example: 1600 mm	Connection code Example: connection H07	Color code Es: R01 - White	Constant value
KA15	24	160	H07	R01	A

Example of article code creation

KA15 KARIN VX Horizontal
24 24 Elements
160 Width 1600 mm
H07 Connection H07 (see product page)
R01 Color R01 - White (see color chart)
A Constant value

KA15 24 160 H07 R01 A

KARIN VX

TANDEM VERTICAL



Color: RAL 9016 - R02 Traffic White

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- 15x20 mm double row of rectangular vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

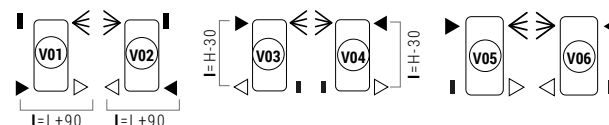
COLORS:

See color chart on pages II and III.

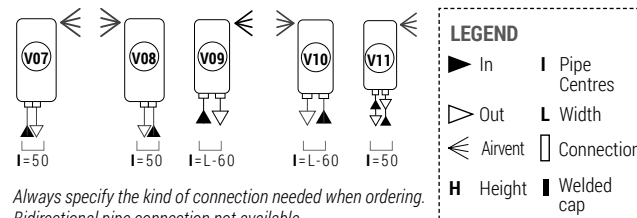
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



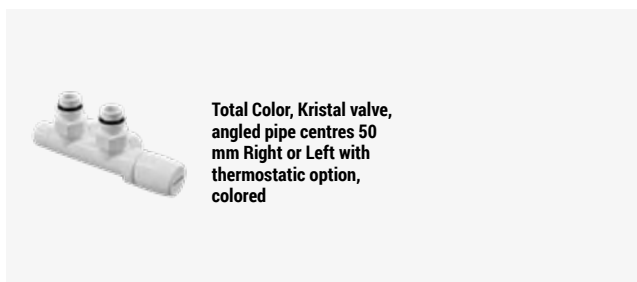
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	32,7	34,8	38,3	40,4	49,0	50,6	56,1	59,1	68,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	16,8	17,7	19,7	20,5	25,0	25,8	28,4	30,1	34,9
Dry Weight per element [kg]	0,607	0,646	0,725	0,758	0,949	0,982	1,094	1,173	1,397
Water content [lt]	0,249	0,264	0,295	0,308	0,383	0,397	0,441	0,472	0,561
Element surface [m ²]	0,074	0,079	0,089	0,093	0,117	0,121	0,135	0,145	0,173
Exponent n	1,2990	,3396	1,3047	1,3373	,3161	,3520	,3304	1,3209	1,3258
Pipe Centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50 \times$ (Desired $\Delta T/50$)ⁿ**

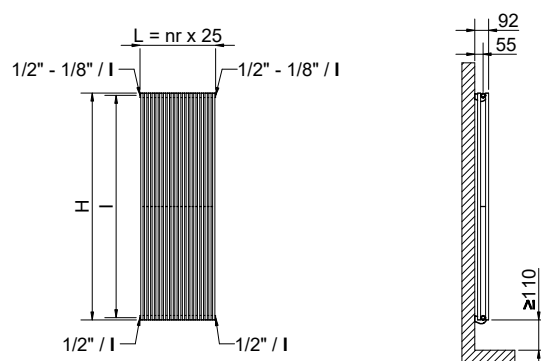
Height H [mm]	1400	1600	1700	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	77,7	86,3	90,5	94,5	98,4	102,3	109,6	113,2	120,0
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	39,4	43,6	45,7	47,7	49,6	51,6	55,3	57,1	60,6
Dry Weight per element [kg]	1,621	1,845	1,957	2,069	2,181	2,293	2,517	2,629	2,853
Water content [lt]	0,650	0,738	0,782	0,827	0,871	0,916	1,004	1,049	1,137
Element surface [m ²]	0,201	0,229	0,243	0,257	0,271	0,285	0,313	0,327	0,355
Exponent n	,3307	1,3355	1,3380	1,3404	,3399	,3395	,3385	1,3380	1,3371
Pipe Centres I [mm] (V3-V4 only)	1370	1570	1670	1770	1870	1970	2170	2270	2470

AVAILABLE ACCESSORIES

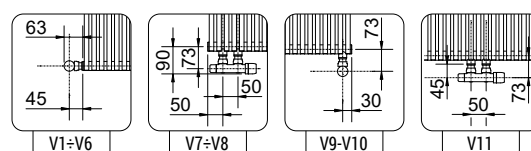


Total Color, Kristal valve,
angled pipe centres 50
mm Right or Left with
thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Quotes for Kristal valves



KARIN VX

TANDEM VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1400 mm									
14	350	22,7	1.088	808	551	KT15 14 140 V _ _ _ A	628,80	728,80	778,80
16	400	25,9	1.243	924	630	KT15 16 140 V _ _ _ A	683,40	783,40	833,40
18	450	29,2	1.399	1039	709	KT15 18 140 V _ _ _ A	738,00	838,00	888,00
20	500	32,4	1.554	1155	787	KT15 20 140 V _ _ _ A	792,60	892,60	942,60
22	550	35,7	1.709	1270	866	KT15 22 140 V _ _ _ A	792,60	892,60	942,60
24	600	38,9	1.865	1386	945	KT15 24 140 V _ _ _ A	847,20	947,20	997,20
26	650	42,1	2.020	1501	1024	KT15 26 140 V _ _ _ A	901,80	1.001,80	1.051,80
28	700	45,4	2.176	1617	1102	KT15 28 140 V _ _ _ A	956,40	1.056,40	1.106,40
30	750	48,6	2.331	1732	1181	KT15 30 140 V _ _ _ A	1.065,60	1.165,60	1.215,60
32	800	51,9	2.486	1848	1260	KT15 32 140 V _ _ _ A	1.120,20	1.220,20	1.270,20
34	850	55,1	2.642	1963	1339	KT15 34 140 V _ _ _ A	1.174,80	1.274,80	1.324,80
36	900	58,4	2.797	2079	1417	KT15 36 140 V _ _ _ A	1.229,40	1.329,40	1.379,40
38	950	61,6	2.953	2194	1496	KT15 38 140 V _ _ _ A	1.284,00	1.384,00	1.434,00
40	1000	64,8	3.108	2310	1575	KT15 40 140 V _ _ _ A	1.338,60	1.438,60	1.488,60

H 1800 mm									
8	200	16,6	756	561	381	KT15 08 180 V _ _ _ A	540,00	640,00	690,00
10	250	20,7	945	701	477	KT15 10 180 V _ _ _ A	607,20	707,20	757,20
12	300	24,8	1.134	841	572	KT15 12 180 V _ _ _ A	674,40	774,40	824,40
14	350	29,0	1.323	981	667	KT15 14 180 V _ _ _ A	741,60	841,60	891,60
16	400	33,1	1.512	1121	762	KT15 16 180 V _ _ _ A	808,80	908,80	958,80
18	450	37,2	1.701	1261	858	KT15 18 180 V _ _ _ A	876,00	976,00	1.026,00
20	500	41,4	1.890	1401	953	KT15 20 180 V _ _ _ A	943,20	1.043,20	1.093,20
22	550	45,5	2.079	1542	1048	KT15 22 180 V _ _ _ A	1.010,40	1.110,40	1.160,40
24	600	49,7	2.268	1682	1144	KT15 24 180 V _ _ _ A	1.077,60	1.177,60	1.227,60
26	650	53,8	2.457	1822	1239	KT15 26 180 V _ _ _ A	1.144,80	1.244,80	1.294,80
28	700	57,9	2.646	1962	1334	KT15 28 180 V _ _ _ A	1.212,00	1.312,00	1.362,00
30	750	62,1	2.835	2102	1430	KT15 30 180 V _ _ _ A	1.279,20	1.379,20	1.429,20
32	800	66,2	3.024	2242	1525	KT15 32 180 V _ _ _ A	1.346,40	1.446,40	1.496,40
34	850	70,3	3.213	2382	1620	KT15 34 180 V _ _ _ A	1.413,60	1.513,60	1.563,60

H 2200 mm									
14	350	35,2	1.323	981	667	KT15 14 220 V _ _ _ A	854,40	954,40	1.004,40
16	400	40,3	1.512	1121	762	KT15 16 220 V _ _ _ A	934,20	1.034,20	1.084,20
18	450	45,3	1.701	1261	858	KT15 18 220 V _ _ _ A	1.014,00	1.114,00	1.164,00
20	500	50,3	1.890	1401	953	KT15 20 220 V _ _ _ A	1.093,80	1.193,80	1.243,80
22	550	55,4	2.079	1542	1048	KT15 22 220 V _ _ _ A	1.173,60	1.273,60	1.323,60
24	600	60,4	2.268	1682	1144	KT15 24 220 V _ _ _ A	1.253,40	1.353,40	1.403,40
26	650	65,4	2.457	1822	1239	KT15 26 220 V _ _ _ A	1.333,20	1.433,20	1.483,20
28	700	70,5	2.646	1962	1334	KT15 28 220 V _ _ _ A	1.413,00	1.513,00	1.563,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1600 mm									
14	350	25,8	1208	897	611	KT15 14 160 V _ _ _ A	696,30	796,30	846,30
16	400	29,5	1381	1025	698	KT15 16 160 V _ _ _ A	761,40	861,40	911,40
18	450	33,2	1553	1153	785	KT15 18 160 V _ _ _ A	826,50	926,50	976,50
20	500	36,9	1726	1281	872	KT15 20 160 V _ _ _ A	891,60	991,60	1.041,60
22	550	40,6	1899	1409	960	KT15 22 160 V _ _ _ A	956,70	1.056,70	1.106,70
24	600	44,3	2071	1537	1047	KT15 24 160 V _ _ _ A	1.021,80	1.121,80	1.171,80
26	650	48,0	2244	1666	1134	KT15 26 160 V _ _ _ A	1.086,90	1.186,90	1.236,90
28	700	51,7	2416	1794	1221	KT15 28 160 V _ _ _ A	1.152,00	1.252,00	1.302,00
30	750	55,4	2589	1922	1309	KT15 30 160 V _ _ _ A	1.217,10	1.317,10	1.367,10
32	800	59,0	2762	2050	1396	KT15 32 160 V _ _ _ A	1.282,20	1.382,20	1.432,20
34	850	62,7	2934	2178	1483	KT15 34 160 V _ _ _ A	1.347,30	1.447,30	1.497,30
36	900	66,4	3107	2306	1570	KT15 36 160 V _ _ _ A	1.412,40	1.512,40	1.562,40
38	950	70,1	3279	2434	1658	KT15 38 160 V _ _ _ A	1.477,50	1.577,50	1.627,50

H 2000 mm									
8	200	18,3	818	607	413	KT15 08 200 V _ _ _ A	554,00	654,00	704,00
10	250	22,9	1023	759	516	KT15 10 200 V _ _ _ A	625,40	725,40	775,40
12	300	27,5	1228	910	619	KT15 12 200 V _ _ _ A	696,80	796,80	846,80
14	350	32,1	1432	1062	722	KT15 14 200 V _ _ _ A	768,20	868,20	918,20
16	400	36,7	1637	1214	826	KT15 16 200 V _ _ _ A	839,60	939,60	989,60
18	450	41,3	1841	1366	929	KT15 18 200 V _ _ _ A	911,00	1.011,00	1.061,00
20	500	45,9	2046	1517	1032	KT15 20 200 V _ _ _ A	982,40	1.082,40	1.132,40
22	550	50,4	2251	1669	1135	KT15 22 200 V _ _ _ A	1.053,80	1.153,80	1.203,80
24	600	55,0	2455	1821	1239	KT15 24 200 V _ _ _ A	1.125,20	1.225,20	1.275,20
26	650	59,6	2660	1973	1342	KT15 26 200 V _ _ _ A	1.196,60	1.296,60	1.346,60
28	700	64,2	2864	2124	1445	KT15 28 200 V _ _ _ A	1.268,00	1.368,00	1.418,00
30	750	68,8	3069	2276	1548	KT15 30 200 V _ _ _ A	1.339,40	1.439,40	1.489,40

H 2500 mm									
14	350	39,94	1432	1062	722	KT15 14 250 V _ _ _ A	883,00	983,00	1.033,00
16	400	45,65	1637	1214	826	KT15 16 250 V _ _ _ A	967,00	1.067,00	1.117,00
18	450	51,35	1841	1366	929	KT15 18 250 V _ _ _ A	1.051,00	1.151,00	1.201,00
20	500	57,06	2046	1517	1032	KT15 20 250 V _ _ _ A	1.135,00	1.235,00	1.285,00
22	550	62,77	2251	1669	1135	KT15 22 250 V _ _ _ A	1.219,00	1.319,00	1.369,00
24	600	68,47	2455	1821	1239	KT15 24 250 V _ _ _ A	1.303,00	1.403,00	1.453,00

HOW TO ORDER THE KARIN VX TANDEM VERTICAL RADIATOR

Radiator model E.g.: KARIN VX TANDEM VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1900 mm	Connection code Example: connection V08	Color code Es: T01 - Matt black	Constant value
KT15	24	190	V08	T01	A

Example of article code creation

KT15 ... KARIN VX TANDEM VERTICAL
24 ... 24 Elements
190 ... Height 1900 mm
V08 ... Connection V08 (see product page)
T01 ... Color T01 - Matt black (see color chart)
A ... Constant value

The article code will be:

KT15 24 190 V08 T01 A

KARIN VX

TANDEM HORIZONTAL

WARRANTY 5 YEARS



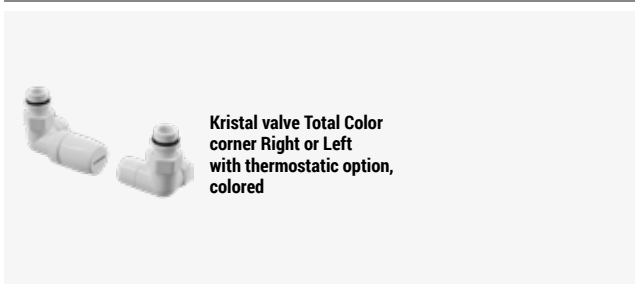
Color: RAL 9010 - R01 White

Width L [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Dry Weight per element [kg]	0,613	0,725	0,949	1,173	1,397	1,621	1,733	1,845	1,957
Water content [lt]	0,250	0,295	0,383	0,472	0,561	0,650	0,694	0,738	0,783
Element surface [m ²]	0,075	0,089	0,117	0,145	0,173	0,201	0,215	0,229	0,243
Pipe Centres I [mm] (H1 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1800	1900	2000	2200	2300	2500
Dry Weight per element [kg]	2,069	2,181	2,293	2,405	2,517	2,629
Water content [lt]	0,827	0,871	0,916	0,961	1,006	1,051
Element surface [m ²]	0,257	0,271	0,285	0,299	0,313	0,327
Pipe Centres I [mm] (H1 only)	1770	1870	1970	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 15X20 mm double row of rectangular horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

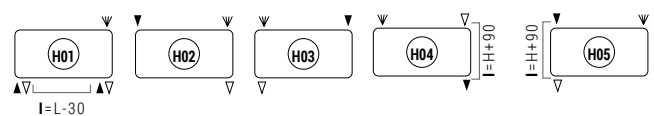
COLORS:

See color chart on pages II and III.

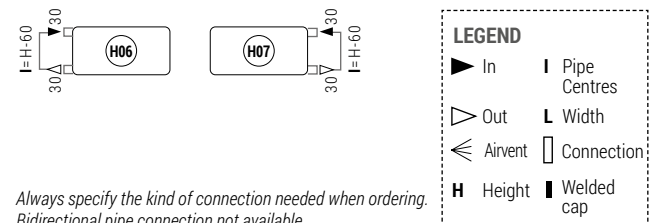
CERTIFICATES



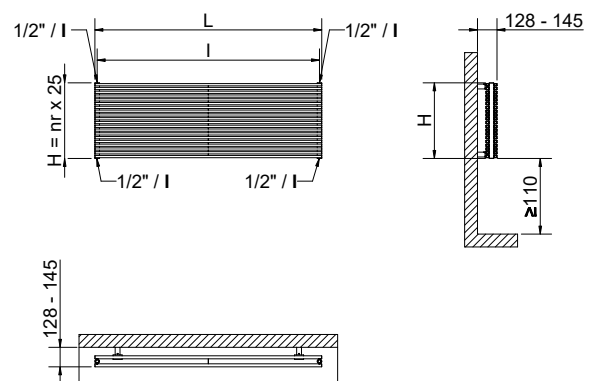
STANDARD CONNECTIONS WITHOUT SURCHARGE



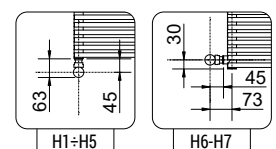
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



KARIN VX

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 400 mm										
16	500	1,1887	9,81	477	366	260	KT15 16 050 H _ _ _ A	482,70	582,70	632,70
	600	1,1887	11,60	572	439	312	KT15 16 060 H _ _ _ A	507,30	607,30	657,30
	800	1,1887	15,18	762	584	415	KT15 16 080 H _ _ _ A	546,60	646,60	696,60
	1000	1,1887	18,77	953	731	519	KT15 16 100 H _ _ _ A	594,50	694,50	744,50
	1200	1,1887	22,35	1144	877	623	KT15 16 120 H _ _ _ A	609,50	709,50	759,50
	1400	1,1887	25,94	1334	1023	727	KT15 16 140 H _ _ _ A	628,80	728,80	778,80
	1500	1,1887	27,73	1430	1097	779	KT15 16 150 H _ _ _ A	628,80	728,80	778,80
	1600	1,1887	29,52	1525	1170	831	KT15 16 160 H _ _ _ A	696,30	796,30	846,30
	1700	1,1887	31,31	1620	1243	883	KT15 16 170 H _ _ _ A	720,30	820,30	870,30
	1800	1,1887	33,10	1716	1316	935	KT15 16 180 H _ _ _ A	741,60	841,60	891,60
	1900	1,1887	34,90	1811	1389	987	KT15 16 190 H _ _ _ A	750,90	850,90	900,90
	2000	1,1887	36,69	1906	1462	1039	KT15 16 200 H _ _ _ A	768,20	868,20	918,20
	2200	1,1887	38,48	2097	1608	1143	KT15 16 220 H _ _ _ A	854,40	954,40	1.004,40
	2300	1,1887	40,27	2192	1681	1194	KT15 16 230 H _ _ _ A	870,70	970,70	1.020,70
	2500	1,1887	42,06	2383	1828	1298	KT15 16 250 H _ _ _ A	883,00	983,00	1.033,00
H 500 mm										
20	500	1,2054	12,26	544	416	294	KT15 20 050 H _ _ _ A	602,40	702,40	752,40
	600	1,2054	14,50	653	499	353	KT15 20 060 H _ _ _ A	639,60	739,60	789,60
	800	1,2054	18,98	870	665	470	KT15 20 080 H _ _ _ A	685,20	785,20	835,20
	1000	1,2054	23,46	1088	831	588	KT15 20 100 H _ _ _ A	752,00	852,00	902,00
	1200	1,2054	27,94	1306	998	706	KT15 20 120 H _ _ _ A	767,00	867,00	917,00
	1400	1,2054	32,42	1523	1164	823	KT15 20 140 H _ _ _ A	792,60	892,60	942,60
	1500	1,2054	34,66	1632	1247	882	KT15 20 150 H _ _ _ A	792,60	892,60	942,60
	1600	1,2054	36,90	1741	1330	941	KT15 20 160 H _ _ _ A	891,60	991,60	1.041,60
	1700	1,2054	39,14	1850	1414	999	KT15 20 170 H _ _ _ A	915,60	1.015,60	1.065,60
	1800	1,2054	41,38	1958	1496	1058	KT15 20 180 H _ _ _ A	943,20	1.043,20	1.093,20
	1900	1,2054	43,62	2067	1580	1117	KT15 20 190 H _ _ _ A	958,80	1.058,80	1.108,80
	2000	1,2054	45,86	2176	1663	1176	KT15 20 200 H _ _ _ A	982,40	1.082,40	1.132,40
	2200	1,2054	48,10	2394	1829	1293	KT15 20 220 H _ _ _ A	1.093,80	1.193,80	1.243,80
	2300	1,2054	50,34	2502	1912	1352	KT15 20 230 H _ _ _ A	1.116,40	1.216,40	1.266,40
	2500	1,2054	52,58	2720	2079	1469	KT15 20 250 H _ _ _ A	1.135,00	1.235,00	1.285,00
H 550 mm										
22	500	1,2081	13,49	573	438	309	KT15 22 050 H _ _ _ A	642,30	742,30	792,30
	600	1,2081	15,95	688	525	371	KT15 22 060 H _ _ _ A	683,70	783,70	833,70
	800	1,2081	20,88	917	700	495	KT15 22 080 H _ _ _ A	731,40	831,40	881,40
	1000	1,2081	25,81	1146	875	618	KT15 22 100 H _ _ _ A	804,50	904,50	954,50
	1200	1,2081	30,73	1375	1050	742	KT15 22 120 H _ _ _ A	819,50	919,50	969,50
	1400	1,2081	35,66	1604	1225	865	KT15 22 140 H _ _ _ A	847,20	947,20	997,20
	1500	1,2081	38,13	1719	1313	927	KT15 22 150 H _ _ _ A	847,20	947,20	997,20
	1600	1,2081	40,59	1833	1400	989	KT15 22 160 H _ _ _ A	956,70	1.056,70	1.106,70
	1700	1,2081	43,05	1948	1488	1051	KT15 22 170 H _ _ _ A	980,70	1.080,70	1.130,70
	1800	1,2081	45,52	2063	1576	1113	KT15 22 180 H _ _ _ A	1.010,40	1.110,40	1.160,40
	1900	1,2081	47,98	2177	1663	1174	KT15 22 190 H _ _ _ A	1.028,10	1.128,10	1.178,10
	2000	1,2081	50,45	2292	1750	1237	KT15 22 200 H _ _ _ A	1.053,80	1.153,80	1.203,80
	2200	1,2081	52,91	2521	1925	1360	KT15 22 220 H _ _ _ A	1.173,60	1.273,60	1.323,60
	2300	1,2081	55,37	2636	2013	1422	KT15 22 230 H _ _ _ A	1.198,30	1.298,30	1.348,30
	2500	1,2081	57,84	2865	2188	1546	KT15 22 250 H _ _ _ A	1.219,00	1.319,00	1.369,00

KARIN VX

TANDEM HORIZONTAL

								Price [€]		
Elements	Width	Exponent	Dry Weight	Thermal output			Art. nr.			
				Δt 50°C	Δt 40°C	Δt 30°C		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	n	[Kg]	[Watt]						
24	H 600 mm									
	500	1,2109	14,71	599	457	323	KT15 24 050 H __ _ A	682,20	782,20	832,20
	600	1,2109	17,40	719	549	387	KT15 24 060 H __ _ A	727,80	827,80	877,80
	800	1,2109	22,78	959	732	517	KT15 24 080 H __ _ A	777,60	877,60	927,60
	1000	1,2109	28,15	1198	914	645	KT15 24 100 H __ _ A	857,00	957,00	1.007,00
	1200	1,2109	33,53	1438	1098	775	KT15 24 120 H __ _ A	872,00	972,00	1.022,00
	1400	1,2109	38,90	1677	1280	903	KT15 24 140 H __ _ A	901,80	1.001,80	1.051,80
	1500	1,2109	41,59	1797	1372	968	KT15 24 150 H __ _ A	901,80	1.001,80	1.051,80
	1600	1,2109	44,28	1917	1463	1033	KT15 24 160 H __ _ A	1.021,80	1.121,80	1.171,80
	1700	1,2109	46,97	2037	1555	1097	KT15 24 170 H __ _ A	1.045,80	1.145,80	1.195,80
	1800	1,2109	49,66	2157	1646	1162	KT15 24 180 H __ _ A	1.077,60	1.177,60	1.227,60
	1900	1,2109	52,34	2277	1738	1227	KT15 24 190 H __ _ A	1.097,40	1.197,40	1.247,40
	2000	1,2109	55,03	2396	1829	1291	KT15 24 200 H __ _ A	1.125,20	1.225,20	1.275,20
	2200	1,2109	57,72	2636	2012	1420	KT15 24 220 H __ _ A	1.253,40	1.353,40	1.403,40
	2300	1,2109	60,41	2756	2103	1485	KT15 24 230 H __ _ A	1.280,20	1.380,20	1.430,20
2500	1,2109	63,10	2996	2287	1614	KT15 24 250 H __ _ A	1.303,00	1.403,00	1.453,00	
26	H 650 mm									
	500	1,2137	15,94	623	475	335	KT15 26 050 H __ _ A	722,10	822,10	872,10
	600	1,2137	18,85	747	570	402	KT15 26 060 H __ _ A	771,90	871,90	921,90
	800	1,2137	24,67	996	760	536	KT15 26 080 H __ _ A	823,80	923,80	973,80
	1000	1,2137	30,50	1245	950	670	KT15 26 100 H __ _ A	909,50	1.009,50	1.059,50
	1200	1,2137	36,32	1494	1140	804	KT15 26 120 H __ _ A	924,50	1.024,50	1.074,50
	1400	1,2137	42,15	1743	1329	938	KT15 26 140 H __ _ A	956,40	1.056,40	1.106,40
	1500	1,2137	45,06	1868	1425	1005	KT15 26 150 H __ _ A	956,40	1.056,40	1.106,40
	1600	1,2137	47,97	1992	1519	1072	KT15 26 160 H __ _ A	1.086,90	1.186,90	1.236,90
	1700	1,2137	50,88	2117	1615	1139	KT15 26 170 H __ _ A	1.110,90	1.210,90	1.260,90
	1800	1,2137	53,79	2242	1710	1206	KT15 26 180 H __ _ A	1.144,80	1.244,80	1.294,80
	1900	1,2137	56,71	2366	1805	1273	KT15 26 190 H __ _ A	1.166,70	1.266,70	1.316,70
	2000	1,2137	59,62	2491	1900	1340	KT15 26 200 H __ _ A	1.196,60	1.296,60	1.346,60
	2200	1,2137	62,53	2740	2090	1474	KT15 26 220 H __ _ A	1.333,20	1.433,20	1.483,20
2300	1,2137	65,44	2864	2185	1541	KT15 26 230 H __ _ A	1.362,10	1.462,10	1.512,10	
28	H 700 mm									
	500	1,1624	17,16	644	497	356	KT15 28 050 H __ _ A	762,00	862,00	912,00
	600	1,1624	20,30	772	596	426	KT15 28 060 H __ _ A	816,00	916,00	966,00
	800	1,1624	26,57	1030	795	569	KT15 28 080 H __ _ A	870,00	970,00	1.020,00
	1000	1,1624	32,84	1287	993	711	KT15 28 100 H __ _ A	962,00	1.062,00	1.112,00
	1200	1,1624	39,12	1544	1191	853	KT15 28 120 H __ _ A	977,00	1.077,00	1.127,00
	1400	1,1624	45,39	1802	1390	995	KT15 28 140 H __ _ A	1.011,00	1.111,00	1.161,00
	1500	1,1624	48,52	1931	1490	1066	KT15 28 150 H __ _ A	1.046,00	1.146,00	1.196,00
	1600	1,1624	51,66	2059	1589	1137	KT15 28 160 H __ _ A	1.152,00	1.252,00	1.302,00
	1700	1,1624	54,80	2188	1688	1208	KT15 28 170 H __ _ A	1.176,00	1.276,00	1.326,00
	1800	1,1624	57,93	2317	1788	1280	KT15 28 180 H __ _ A	1.212,00	1.312,00	1.362,00
	1900	1,1624	61,07	2445	1886	1350	KT15 28 190 H __ _ A	1.236,00	1.336,00	1.386,00
	2000	1,1624	64,20	2574	1986	1421	KT15 28 200 H __ _ A	1.268,00	1.368,00	1.418,00
	2200	1,1624	67,34	2831	2184	1563	KT15 28 220 H __ _ A	1.413,00	1.513,00	1.563,00

HOW TO ORDER THE KARIN VX TANDEM HORIZONTAL RADIATOR

Radiator model E.g.: Karin VX tandem horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
KT15	12	120	H04	R01	A

Example of article code creation

KT15... KARIN VX TANDEM HORIZONTAL
 12... 12 Elements
 120... Width 1200 mm
 H04... Connection H04 (see product page)
 R01... Color R01 - White (see color chart)
 A... Constant value

The article code will be:
KT15 12 120 H04 R01 A

ALICE 18

VERTICAL



WARRANTY 5 YEARS



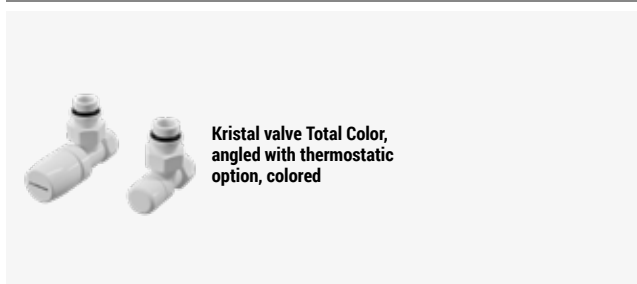
Color: RAL 8017 - R09 Dark brown

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	17	20,5	23,8	27,1	30,3	36,6	42,7	48,8	51,9
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	8,9	10,6	12,4	14,1	15,7	19	22,3	25,5	27,1
Dry Weight per element [kg]	0,211	0,252	0,294	0,336	0,378	0,462	0,546	0,630	0,672
Water content [lt]	0,110	0,130	0,151	0,171	0,191	0,231	0,271	0,311	0,332
Element surface [m ²]	0,027	0,033	0,039	0,044	0,050	0,061	0,073	0,084	0,090
Exponent n	1,2814	1,2810	1,2805	1,2801	1,2797	1,2780	1,2754	1,2729	1,2716
Pipe Centres I [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different Δt , please refer to the following formula: **desired output = output at Δt 50 x (Desired Δt /50)ⁿ**

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	54,9	57,9	61	64	67	70	73,1	76,1	82,2
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	28,6	30,2	31,7	33,2	34,8	36,3	37,8	39,3	42,4
Dry Weight per element [kg]	0,714	0,756	0,798	0,840	0,882	0,924	0,966	1,008	1,092
Water content [lt]	0,352	0,372	0,392	0,412	0,432	0,452	0,472	0,492	0,533
Element surface [m ²]	0,095	0,101	0,106	0,112	0,118	0,123	0,129	0,135	0,146
Exponent n	1,2741	1,2767	1,2792	1,2817	1,2843	1,2868	1,2893	1,2919	1,2944
Pipe Centres I [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 18 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

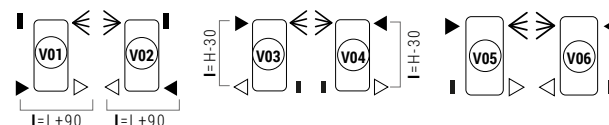
COLORS:

See color chart on pages II and III.

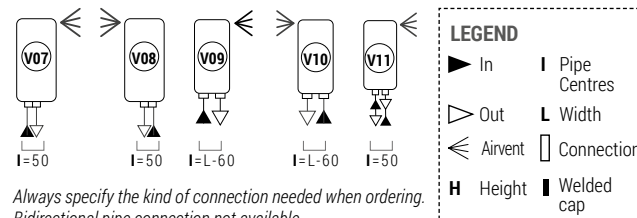
CERTIFICATES



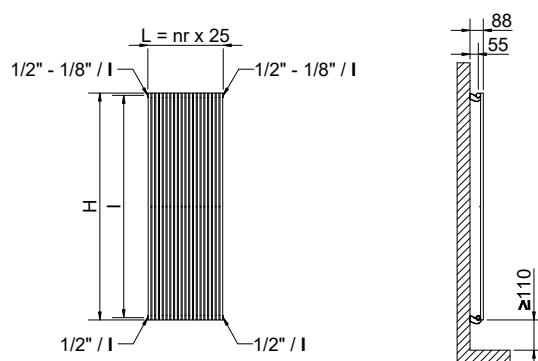
STANDARD CONNECTIONS WITHOUT SURCHARGE



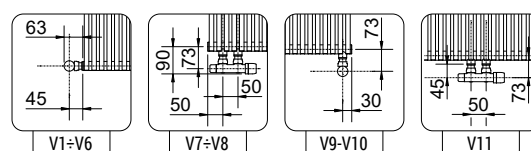
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 18

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 500 mm									
8	200	2,0	164	123	85	AL18 08 050 V __ _ C	250,75	350,75	400,75
10	250	2,5	205	154	107	AL18 10 050 V __ _ C	265,25	365,25	415,25
12	300	3,0	246	185	128	AL18 12 050 V __ _ C	308,75	408,75	458,75
14	350	3,5	287	216	149	AL18 14 050 V __ _ C	323,25	423,25	473,25
15	375	3,8	308	231	160	AL18 15 050 V __ _ C	301,50	401,50	451,50
16	400	4,0	328	246	170	AL18 16 050 V __ _ C	308,75	408,75	458,75
18	450	4,5	369	277	192	AL18 18 050 V __ _ C	323,25	423,25	473,25
20	500	5,0	410	308	213	AL18 20 050 V __ _ C	337,75	437,75	487,75
22	550	5,5	451	339	234	AL18 22 050 V __ _ C	352,25	452,25	502,25
24	600	6,0	492	370	256	AL18 24 050 V __ _ C	366,75	466,75	516,75
28	700	7,1	574	431	298	AL18 28 050 V __ _ C	395,75	495,75	545,75
32	800	8,1	656	493	341	AL18 32 050 V __ _ C	424,75	524,75	574,75
38	950	9,6	779	585	405	AL18 38 050 V __ _ C	468,25	568,25	618,25
40	1000	10,1	820	616	426	AL18 40 050 V __ _ C	482,75	582,75	632,75
55	1375	13,9	1128	847	586	AL18 55 050 V __ _ C	591,50	691,50	741,50

H 700 mm									
8	200	2,7	217	163	113	AL18 08 070 V __ _ C	258,00	358,00	408,00
10	250	3,4	271	204	141	AL18 10 070 V __ _ C	274,00	374,00	424,00
12	300	4,0	325	244	169	AL18 12 070 V __ _ C	290,00	390,00	440,00
14	350	4,7	379	285	197	AL18 14 070 V __ _ C	306,00	406,00	456,00
15	375	5,0	407	305	211	AL18 15 070 V __ _ C	314,00	414,00	464,00
16	400	5,4	434	326	225	AL18 16 070 V __ _ C	322,00	422,00	472,00
18	450	6,0	488	367	254	AL18 18 070 V __ _ C	338,00	438,00	488,00
19	475	6,4	515	387	268	AL18 19 070 V __ _ C	346,00	446,00	496,00
20	500	6,7	542	407	282	AL18 20 070 V __ _ C	354,00	454,00	504,00
22	550	7,4	596	448	310	AL18 22 070 V __ _ C	370,00	470,00	520,00
24	600	8,1	650	489	338	AL18 24 070 V __ _ C	386,00	486,00	536,00
26	650	8,7	705	530	366	AL18 26 070 V __ _ C	402,00	502,00	552,00
30	750	10,1	813	611	423	AL18 30 070 V __ _ C	434,00	534,00	584,00
32	800	10,8	867	652	451	AL18 32 070 V __ _ C	450,00	550,00	600,00
36	900	12,1	976	733	507	AL18 36 070 V __ _ C	482,00	582,00	632,00

H 1000 mm									
10	250	4,6	366	275	191	AL18 10 100 V __ _ C	282,75	382,75	432,75
12	300	5,5	439	330	229	AL18 12 100 V __ _ C	300,25	400,25	450,25
13	325	6,0	476	358	248	AL18 13 100 V __ _ C	309,00	409,00	459,00
14	350	6,5	512	385	267	AL18 14 100 V __ _ C	317,75	417,75	467,75
15	375	6,9	549	413	286	AL18 15 100 V __ _ C	326,50	426,50	476,50
16	400	7,4	586	440	305	AL18 16 100 V __ _ C	335,25	435,25	485,25
18	450	8,3	659	495	343	AL18 18 100 V __ _ C	352,75	452,75	502,75
20	500	9,2	732	550	381	AL18 20 100 V __ _ C	370,25	470,25	520,25
22	550	10,2	805	605	419	AL18 22 100 V __ _ C	387,75	487,75	537,75
24	600	11,1	878	660	457	AL18 24 100 V __ _ C	405,25	505,25	555,25
28	700	12,9	1025	771	533	AL18 28 100 V __ _ C	440,25	540,25	590,25
30	750	13,9	1098	826	572	AL18 30 100 V __ _ C	457,75	557,75	607,75
40	1000	18,5	1464	1101	762	AL18 40 100 V __ _ C	545,25	645,25	695,25

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
n°	L [mm]	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 600 mm									
8	200	2,4	190	143	99	AL18 08 060 V __ _ C	253,50	353,50	403,50
10	250	2,9	238	179	124	AL18 10 060 V __ _ C	268,50	368,50	418,50
12	300	3,5	286	215	148	AL18 12 060 V __ _ C	313,50	413,50	463,50
14	350	4,1	333	250	173	AL18 14 060 V __ _ C	298,50	398,50	448,50
15	375	4,4	357	268	186	AL18 15 060 V __ _ C	306,00	406,00	456,00
16	400	4,7	381	286	198	AL18 16 060 V __ _ C	536,50	636,50	686,50
18	450	5,3	428	322	223	AL18 18 060 V __ _ C	554,00	654,00	704,00
20	500	5,9	476	358	247	AL18 20 060 V __ _ C	571,50	671,50	721,50
22	550	6,5	524	393	272	AL18 22 060 V __ _ C	589,00	689,00	739,00
24	600	7,1	571	429	297	AL18 24 060 V __ _ C	606,50	706,50	756,50
28	700	8,2	666	501	346	AL18 28 060 V __ _ C	624,00	724,00	774,00
32	800	9,4	762	572	396	AL18 32 060 V __ _ C	641,50	741,50	791,50
38	950	11,2	904	680	470	AL18 38 060 V __ _ C	667,75	767,75	817,75
40	1000	11,8	952	715	495	AL18 40 060 V __ _ C	676,50	776,50	826,50
55	1375	16,2	1309	984	681	AL18 55 060 V __ _ C	702,75	802,75	852,75

H 800 mm									
8	200	3,0	242	182	126	AL18 08 080 V __ _ C	260,50	360,50	410,50
10	250	3,8	303	228	158	AL18 10 080 V __ _ C	277,50	377,50	427,50
12	300	4,5	364	273	189	AL18 12 080 V __ _ C	294,50	394,50	444,50
14	350	5,3	424	319	221	AL18 14 080 V __ _ C	311,50	411,50	461,50
15	375	5,7	455	342	236	AL18 15 080 V __ _ C	320,00	420,00	470,00
16	400	6,0	485	364	252	AL18 16 080 V __ _ C	328,50	428,50	478,50
18	450	6,8	545	410	284	AL18 18 080 V __ _ C	345,50	445,50	495,50
19	475	7,2	576	433	299	AL18 19 080 V __ _ C	354,00	454,00	504,00
20	500	7,6	606	455	315	AL18 20 080 V __ _ C	362,50	462,50	512,50
22	550	8,3	667	501	347	AL18 22 080 V __ _ C	379,50	479,50	529,50
24	600	9,1	727	547	378	AL18 24 080 V __ _ C	396,50	496,50	546,50
26	650	9,8	788	592	410	AL18 26 080 V __ _ C	413,50	513,50	563,50
30	750	11,3	909	683	473	AL18 30 080 V __ _ C	447,50	547,50	597,50
32	800	12,1	970	729	504	AL18 32 080 V __ _ C	464,50	564,50	614,50
36	900	13,6	1091	820	567	AL18 36 080 V __ _ C	498,50	598,50	648,50

H 1200 mm									
10	250	6,3	427	321	223	AL18 10 120 V __ _ C	298,00	398,00	448,00
12	300	7,6	512	385	267	AL18 12 120 V __ _ C	316,00	416,00	466,00
13	325	8,2	555	418	289	AL18 13 120 V __ _ C	325,00	425,00	475,00
14	350	8,8	598	450	312	AL18 14 120 V __ _ C	334,00	434,00	484,00
15	375	9,5	641	482	334	AL18 15 120 V __ _ C	343,00	443,00	493,00
16	400	10,1	683	514	356	AL18 16 120 V __ _ C	352,00	452,00	502,00
18	450	11,3	769	578	401	AL18 18 120 V __ _ C	370,00	470,00	520,00
20	500	12,6	854	642	445	AL18 20 120 V __ _ C	388,00	488,00	538,00
22	550	13,9	939	707	490	AL18 22 120 V __ _ C	406,00	506,00	556,00
24	600	15,1	1025	771	534	AL18 24 120 V __ _ C	424,00	524,00	574,00
28	700	17,6	1196	899	623	AL18 28 120 V __ _ C	460,00	560,00	610,00
30	750	18,9	1281	964	668	AL18 30 120 V __ _ C	478,00	578,00	628,00
40	1000	25,2	1708	1285	890	AL18 40 120 V __ _ C	568,00	668,00	718,00

ALICE 18

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1400 mm									
8	200	5,0	390	294	204	AL18 08 140 V __ _ C	289,75	389,75	439,75
9	225	5,7	439	331	229	AL18 09 140 V __ _ C	299,00	399,00	449,00
10	250	6,3	488	367	255	AL18 10 140 V __ _ C	308,25	408,25	458,25
11	275	6,9	537	404	280	AL18 11 140 V __ _ C	317,50	417,50	467,50
12	300	7,6	586	441	306	AL18 12 140 V __ _ C	326,75	426,75	476,75
13	325	8,2	634	478	331	AL18 13 140 V __ _ C	336,00	436,00	486,00
14	350	8,8	683	514	357	AL18 14 140 V __ _ C	345,25	445,25	495,25
15	375	9,5	732	551	382	AL18 15 140 V __ _ C	354,50	454,50	504,50
16	400	10,1	781	588	408	AL18 16 140 V __ _ C	363,75	463,75	513,75
18	450	11,3	878	661	458	AL18 18 140 V __ _ C	382,25	482,25	532,25
20	500	12,6	976	735	509	AL18 20 140 V __ _ C	400,75	500,75	550,75
22	550	13,9	1074	808	560	AL18 22 140 V __ _ C	419,25	519,25	569,25
24	600	15,1	1171	882	611	AL18 24 140 V __ _ C	437,75	537,75	587,75
28	700	17,6	1366	1029	713	AL18 28 140 V __ _ C	474,75	574,75	624,75

H 1600 mm									
8	200	5,7	439	331	229	AL18 08 160 V _ _ C	304,00	404,00	454,00
10	250	7,1	549	413	286	AL18 10 160 V _ _ C	324,00	424,00	474,00
12	300	8,6	659	496	344	AL18 12 160 V _ _ C	344,00	444,00	494,00
14	350	10,0	769	578	401	AL18 14 160 V _ _ C	364,00	464,00	514,00
16	400	11,4	878	661	458	AL18 16 160 V _ _ C	384,00	484,00	534,00
17	425	12,1	933	702	487	AL18 17 160 V _ _ C	394,00	494,00	544,00
18	450	12,9	988	744	515	AL18 18 160 V _ _ C	404,00	504,00	554,00
19	475	13,6	1043	785	544	AL18 19 160 V _ _ C	414,00	514,00	564,00
20	500	14,3	1098	826	573	AL18 20 160 V _ _ C	424,00	524,00	574,00
22	550	15,7	1208	909	630	AL18 22 160 V _ _ C	444,00	544,00	594,00
24	600	17,1	1318	992	687	AL18 24 160 V _ _ C	464,00	564,00	614,00
28	700	20,0	1537	1157	802	AL18 28 160 V _ _ C	504,00	604,00	654,00
30	750	21,4	1647	1239	859	AL18 30 160 V _ _ C	524,00	624,00	674,00
38	950	27,1	2086	1570	1088	AL18 38 160 V _ _ C	604,00	704,00	754,00

H 2000 mm									
8	200	7,1	536	402	278	AL18 08 200 V _ _ C	328,00	428,00	478,00
9	225	7,9	603	453	313	AL18 09 200 V _ _ C	342,00	442,00	492,00
10	250	8,8	670	503	348	AL18 10 200 V _ _ C	356,00	456,00	506,00
12	300	10,6	804	604	417	AL18 12 200 V _ _ C	384,00	484,00	534,00
14	350	12,3	938	704	487	AL18 14 200 V _ _ C	412,00	512,00	562,00
16	400	14,1	1072	805	556	AL18 16 200 V _ _ C	440,00	540,00	590,00
18	450	15,9	1206	905	626	AL18 18 200 V _ _ C	468,00	568,00	618,00
20	500	17,6	1340	1006	695	AL18 20 200 V _ _ C	496,00	596,00	646,00
22	550	19,4	1474	1107	765	AL18 22 200 V _ _ C	524,00	624,00	674,00
24	600	21,2	1608	1207	834	AL18 24 200 V _ _ C	552,00	652,00	702,00
26	650	22,9	1742	1308	904	AL18 26 200 V _ _ C	580,00	680,00	730,00
28	700	24,7	1876	1409	973	AL18 28 200 V _ _ C	608,00	708,00	758,00
30	750	26,5	2010	1509	1043	AL18 30 200 V _ _ C	636,00	736,00	786,00
38	950	33,5	2546	1912	1321	AL18 38 200 V _ _ C	748,00	848,00	898,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 1500 mm									
8	200	5,4	415	313	217	AL18 08 150 V __ C	296,50	396,50	446,50
9	225	6,0	467	352	244	AL18 09 150 V __ C	306,00	406,00	456,00
10	250	6,7	519	391	271	AL18 10 150 V __ C	315,50	415,50	465,50
11	275	7,4	571	430	298	AL18 11 150 V __ C	325,00	425,00	475,00
12	300	8,1	623	469	325	AL18 12 150 V __ C	334,50	434,50	484,50
13	325	8,7	675	508	352	AL18 13 150 V __ C	344,00	444,00	494,00
14	350	9,4	727	547	379	AL18 14 150 V __ C	353,50	453,50	503,50
15	375	10,1	779	586	407	AL18 15 150 V __ C	363,00	463,00	513,00
16	400	10,8	830	625	434	AL18 16 150 V __ C	372,50	472,50	522,50
18	450	12,1	934	703	488	AL18 18 150 V __ C	391,50	491,50	541,50
20	500	13,4	1038	782	542	AL18 20 150 V __ C	410,50	510,50	560,50
22	550	14,8	1142	860	596	AL18 22 150 V __ C	429,50	529,50	579,50
24	600	16,1	1246	938	651	AL18 24 150 V __ C	448,50	548,50	598,50
28	700	18,8	1453	1094	759	AL18 28 150 V __ C	486,50	586,50	636,50

H 1800 mm									
8	200	6,4	488	367	254	AL18 08 180 V _ _ C	314,00	414,00	464,00
10	250	8,0	610	459	317	AL18 10 180 V _ _ C	338,00	438,00	488,00
12	300	9,6	732	550	381	AL18 12 180 V _ _ C	362,00	462,00	512,00
14	350	11,2	854	642	444	AL18 14 180 V _ _ C	386,00	486,00	536,00
16	400	12,8	976	734	508	AL18 16 180 V _ _ C	410,00	510,00	560,00
17	425	13,6	1037	779	539	AL18 17 180 V _ _ C	422,00	522,00	572,00
18	450	14,4	1098	825	571	AL18 18 180 V _ _ C	434,00	534,00	584,00
19	475	15,2	1159	871	603	AL18 19 180 V _ _ C	446,00	546,00	596,00
20	500	16,0	1220	917	635	AL18 20 180 V _ _ C	458,00	558,00	608,00
22	550	17,6	1342	1009	698	AL18 22 180 V _ _ C	482,00	582,00	632,00
24	600	19,2	1464	1100	762	AL18 24 180 V _ _ C	506,00	606,00	656,00
28	700	22,3	1708	1284	889	AL18 28 180 V _ _ C	554,00	654,00	704,00
30	750	23,9	1830	1376	952	AL18 30 180 V _ _ C	578,00	678,00	728,00
38	950	30,3	2318	1742	1206	AL18 38 180 V _ _ C	674,00	774,00	824,00

H 2500 mm									
8	200	8,7	658	493	339	AL18 08 250 V _ _ C	354,00	454,00	504,00
9	225	9,8	740	554	382	AL18 09 250 V _ _ C	373,00	473,00	523,00
10	250	10,9	822	616	424	AL18 10 250 V _ _ C	392,00	492,00	542,00
12	300	13,1	986	739	509	AL18 12 250 V _ _ C	430,00	530,00	580,00
14	350	15,3	1151	862	594	AL18 14 250 V _ _ C	468,00	568,00	618,00
16	400	17,5	1315	985	679	AL18 16 250 V _ _ C	506,00	606,00	656,00
18	450	19,7	1480	1108	764	AL18 18 250 V _ _ C	544,00	644,00	694,00
20	500	21,8	1644	1232	849	AL18 20 250 V _ _ C	582,00	682,00	732,00
22	550	24,0	1808	1355	934	AL18 22 250 V _ _ C	620,00	720,00	770,00
24	600	26,2	1973	1478	1018	AL18 24 250 V _ _ C	658,00	758,00	808,00
26	650	28,4	2137	1601	1103	AL18 26 250 V _ _ C	696,00	796,00	846,00
28	700	30,6	2302	1724	1188	AL18 28 250 V _ _ C	734,00	834,00	884,00
30	750	32,8	2466	1847	1273	AL18 30 250 V _ _ C	772,00	872,00	922,00
38	950	41,5	3124	2340	1612	AL18 38 250 V _ _ C	924,00	1.024,00	1.074,00

HOW TO ORDER THE ALICE 18 VERTICAL RADIATOR

Radiator model E.g.: ALICE 18 VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 800 mm	Connection code Example: connection V08	Color code Es: R01 - White	Constant value
AL18	24	080	V08	R01	C

Example of article code creation

AL18 ALICE 18 VERTICAL
24 24 Elements
080 Height 800 mm
V08 Connection V08 (see product page)
R01 Color R01 - White (see color chart)
C Constant value

The article code will be:
AL18 24 080 V08 R01 C

ALICE 18

HORIZONTAL



WARRANTY 5 YEARS



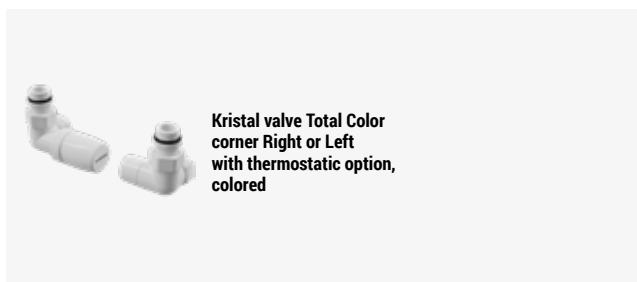
Color: RAL 3003 - R08 Ruby red

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,211	0,252	0,294	0,336	0,378	0,462	0,546	0,630	0,672
Water content [lt]	0,110	0,130	0,151	0,171	0,191	0,231	0,271	0,311	0,332
Element surface [m ²]	0,027	0,033	0,039	0,044	0,050	0,061	0,073	0,084	0,090
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	0,714	0,756	0,798	0,840	0,882	0,924	0,966	1,008	1,092
Water content [lt]	0,352	0,372	0,392	0,412	0,432	0,452	0,472	0,492	0,533
Element surface [m ²]	0,095	0,101	0,106	0,112	0,118	0,123	0,129	0,135	0,146
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



**Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored**

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

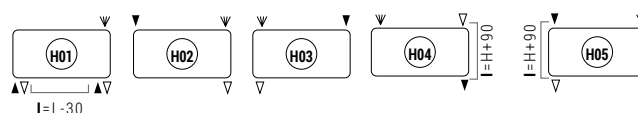
COLORS:

See color chart on pages II and III.

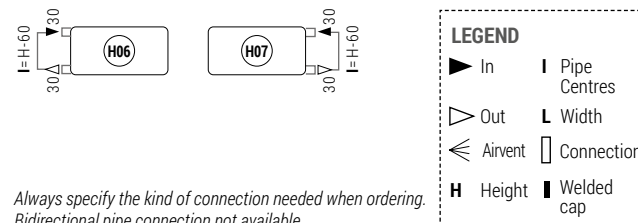
CERTIFICATES



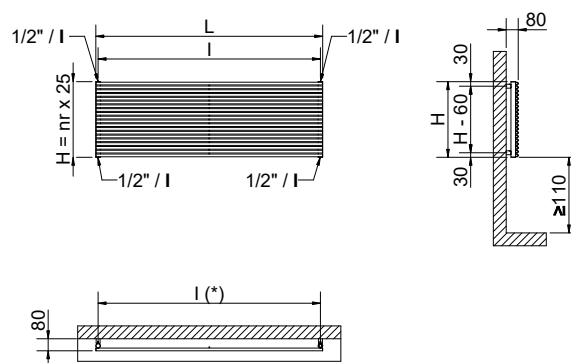
STANDARD CONNECTIONS WITHOUT SURCHARGE



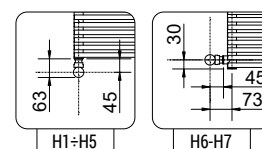
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 18

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 400 mm										
16	400	1,2414	3,4	258	196	137	AL18 16 040 H _ _ C	305,00	405,00	455,00
	500	1,2414	4,0	322	244	171	AL18 16 050 H _ _ C	308,75	408,75	458,75
	600	1,2414	4,7	387	293	205	AL18 16 060 H _ _ C	313,50	413,50	463,50
	700	1,2414	5,4	451	342	239	AL18 16 070 H _ _ C	322,00	422,00	472,00
	800	1,2414	6,0	516	391	274	AL18 16 080 H _ _ C	328,50	428,50	478,50
	1000	1,2414	7,4	645	489	342	AL18 16 100 H _ _ C	335,25	435,25	485,25
	1200	1,2414	8,7	774	587	411	AL18 16 120 H _ _ C	352,00	452,00	502,00
	1400	1,2414	10,1	903	685	479	AL18 16 140 H _ _ C	363,75	463,75	513,75
	1500	1,2414	10,8	967	733	513	AL18 16 150 H _ _ C	372,50	472,50	522,50
	1600	1,2414	11,4	1032	782	547	AL18 16 160 H _ _ C	384,00	484,00	534,00
	1700	1,2414	12,1	1096	831	581	AL18 16 170 H _ _ C	397,00	497,00	547,00
	1800	1,2414	12,8	1160	879	615	AL18 16 180 H _ _ C	410,00	510,00	560,00
	1900	1,2414	13,4	1225	929	650	AL18 16 190 H _ _ C	427,00	527,00	577,00
	2000	1,2414	14,1	1289	977	684	AL18 16 200 H _ _ C	440,00	540,00	590,00
	2100	1,2414	14,8	1354	1026	718	AL18 16 210 H _ _ C	468,00	568,00	618,00
	2200	1,2414	15,5	1418	1075	752	AL18 16 220 H _ _ C	480,00	580,00	630,00
	2300	1,2414	16,1	1483	1124	787	AL18 16 230 H _ _ C	492,00	592,00	642,00
	2500	1,2414	30,7	1612	1222	855	AL18 16 250 H _ _ C	506,00	606,00	656,00
H 500 mm										
20	400	1,2442	4,2	315	239	167	AL18 20 040 H _ _ C	333,00	433,00	483,00
	500	1,2442	5,0	394	298	209	AL18 20 050 H _ _ C	337,75	437,75	487,75
	600	1,2442	5,9	473	358	251	AL18 20 060 H _ _ C	343,50	443,50	493,50
	700	1,2442	6,7	552	418	292	AL18 20 070 H _ _ C	354,00	454,00	504,00
	800	1,2442	7,6	630	477	334	AL18 20 080 H _ _ C	362,50	462,50	512,50
	1000	1,2442	9,2	788	597	417	AL18 20 100 H _ _ C	370,25	470,25	520,25
	1200	1,2442	10,9	946	717	501	AL18 20 120 H _ _ C	388,00	488,00	538,00
	1400	1,2442	12,6	1103	836	584	AL18 20 140 H _ _ C	400,75	500,75	550,75
	1500	1,2442	13,4	1182	895	626	AL18 20 150 H _ _ C	410,50	510,50	560,50
	1600	1,2442	14,3	1261	955	668	AL18 20 160 H _ _ C	424,00	524,00	574,00
	1700	1,2442	15,1	1340	1015	710	AL18 20 170 H _ _ C	441,00	541,00	591,00
	1800	1,2442	16,0	1418	1074	751	AL18 20 180 H _ _ C	458,00	558,00	608,00
	1900	1,2442	16,8	1497	1134	793	AL18 20 190 H _ _ C	479,00	579,00	629,00
	2000	1,2442	17,6	1576	1194	835	AL18 20 200 H _ _ C	496,00	596,00	646,00
	2100	1,2442	18,5	1655	1254	877	AL18 20 210 H _ _ C	532,00	632,00	682,00
	2200	1,2442	19,3	1734	1314	918	AL18 20 220 H _ _ C	548,00	648,00	698,00
	2300	1,2442	20,2	1812	1373	960	AL18 20 230 H _ _ C	564,00	664,00	714,00
	2500	1,2442	38,4	1970	1492	1043	AL18 20 250 H _ _ C	582,00	682,00	732,00
H 550 mm										
22	400	1,2476	4,6	341	258	180	AL18 22 040 H _ _ C	347,00	447,00	497,00
	500	1,2476	5,5	426	322	225	AL18 22 050 H _ _ C	352,25	452,25	502,25
	600	1,2476	6,5	512	388	271	AL18 22 060 H _ _ C	358,50	458,50	508,50
	700	1,2476	7,4	597	452	316	AL18 22 070 H _ _ C	370,00	470,00	520,00
	800	1,2476	8,3	682	516	361	AL18 22 080 H _ _ C	379,50	479,50	529,50
	1000	1,2476	10,2	853	646	451	AL18 22 100 H _ _ C	387,75	487,75	537,75
	1200	1,2476	12,0	1023	774	541	AL18 22 120 H _ _ C	406,00	506,00	556,00
	1400	1,2476	13,9	1194	904	631	AL18 22 140 H _ _ C	419,25	519,25	569,25
	1500	1,2476	14,8	1279	968	676	AL18 22 150 H _ _ C	429,50	529,50	579,50
	1600	1,2476	15,7	1364	1033	721	AL18 22 160 H _ _ C	444,00	544,00	594,00
	1700	1,2476	16,6	1450	1098	767	AL18 22 170 H _ _ C	463,00	563,00	613,00
	1800	1,2476	17,6	1535	1162	812	AL18 22 180 H _ _ C	482,00	582,00	632,00
	1900	1,2476	18,5	1620	1226	857	AL18 22 190 H _ _ C	505,00	605,00	655,00
	2000	1,2476	19,4	1706	1291	902	AL18 22 200 H _ _ C	524,00	624,00	674,00
	2100	1,2476	20,3	1791	1356	947	AL18 22 210 H _ _ C	564,00	664,00	714,00
	2200	1,2476	21,3	1876	1420	992	AL18 22 220 H _ _ C	582,00	682,00	732,00
	2300	1,2476	22,2	1961	1484	1037	AL18 22 230 H _ _ C	600,00	700,00	750,00
	2500	1,2476	42,2	2132	1614	1127	AL18 22 250 H _ _ C	620,00	720,00	770,00

ALICE 18

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 600 mm										
24	400	1,2528	5,1	365	276	192	AL18 24 040 H ____ C	361,00	461,00	511,00
	500	1,2528	6,0	457	346	241	AL18 24 050 H ____ C	366,75	466,75	516,75
	600	1,2528	7,1	548	414	289	AL18 24 060 H ____ C	373,50	473,50	523,50
	700	1,2528	8,1	639	483	337	AL18 24 070 H ____ C	386,00	486,00	536,00
	800	1,2528	9,1	730	552	385	AL18 24 080 H ____ C	396,50	496,50	546,50
	1000	1,2528	11,1	913	690	481	AL18 24 100 H ____ C	405,25	505,25	555,25
	1200	1,2528	13,1	1096	829	578	AL18 24 120 H ____ C	424,00	524,00	574,00
	1400	1,2528	15,1	1278	966	674	AL18 24 140 H ____ C	437,75	537,75	587,75
	1500	1,2528	16,1	1370	1036	722	AL18 24 150 H ____ C	448,50	548,50	598,50
	1600	1,2528	17,1	1461	1105	770	AL18 24 160 H ____ C	464,00	564,00	614,00
	1700	1,2528	18,1	1552	1173	818	AL18 24 170 H ____ C	485,00	585,00	635,00
	1800	1,2528	19,2	1643	1242	866	AL18 24 180 H ____ C	506,00	606,00	656,00
	1900	1,2528	20,2	1735	1312	915	AL18 24 190 H ____ C	531,00	631,00	681,00
	2000	1,2528	21,2	1826	1381	963	AL18 24 200 H ____ C	552,00	652,00	702,00
	2100	1,2528	22,2	1917	1449	1011	AL18 24 210 H ____ C	596,00	696,00	746,00
	2200	1,2528	23,2	2009	1519	1059	AL18 24 220 H ____ C	616,00	716,00	766,00
	2300	1,2528	24,2	2100	1588	1107	AL18 24 230 H ____ C	636,00	736,00	786,00
	2500	1,2528	46,1	2283	1726	1204	AL18 24 250 H ____ C	658,00	758,00	808,00
H 650 mm										
26	400	1,2545	5,5	387	293	204	AL18 26 040 H ____ C	375,00	475,00	525,00
	500	1,2545	6,6	484	366	255	AL18 26 050 H ____ C	381,25	481,25	531,25
	600	1,2545	7,6	581	439	306	AL18 26 060 H ____ C	388,50	488,50	538,50
	700	1,2545	8,7	678	512	357	AL18 26 070 H ____ C	402,00	502,00	552,00
	800	1,2545	9,8	775	586	408	AL18 26 080 H ____ C	413,50	513,50	563,50
	1000	1,2545	12,0	969	732	511	AL18 26 100 H ____ C	422,75	522,75	572,75
	1200	1,2545	14,2	1162	878	612	AL18 26 120 H ____ C	442,00	542,00	592,00
	1400	1,2545	16,4	1356	1025	714	AL18 26 140 H ____ C	456,25	556,25	606,25
	1500	1,2545	17,5	1453	1098	766	AL18 26 150 H ____ C	467,50	567,50	617,50
	1600	1,2545	18,6	1550	1172	817	AL18 26 160 H ____ C	484,00	584,00	634,00
	1700	1,2545	19,7	1646	1244	867	AL18 26 170 H ____ C	507,00	607,00	657,00
	1800	1,2545	20,7	1743	1317	918	AL18 26 180 H ____ C	530,00	630,00	680,00
	1900	1,2545	21,8	1840	1391	969	AL18 26 190 H ____ C	557,00	657,00	707,00
	2000	1,2545	22,9	1937	1464	1021	AL18 26 200 H ____ C	580,00	680,00	730,00
	2100	1,2545	24,0	2034	1537	1072	AL18 26 210 H ____ C	628,00	728,00	778,00
	2200	1,2545	25,1	2131	1611	1123	AL18 26 220 H ____ C	650,00	750,00	800,00
	2300	1,2545	26,2	2228	1684	1174	AL18 26 230 H ____ C	672,00	772,00	822,00
	2500	1,2545	49,9	2421	1830	1276	AL18 26 250 H ____ C	696,00	796,00	846,00
H 700 mm										
28	400	1,2555	5,9	408	308	215	AL18 28 040 H ____ C	389,00	489,00	539,00
	500	1,2555	7,1	510	385	269	AL18 28 050 H ____ C	395,75	495,75	545,75
	600	1,2555	8,2	612	462	322	AL18 28 060 H ____ C	403,50	503,50	553,50
	700	1,2555	9,4	714	540	376	AL18 28 070 H ____ C	418,00	518,00	568,00
	800	1,2555	10,6	816	617	430	AL18 28 080 H ____ C	430,50	530,50	580,50
	1000	1,2555	12,9	1020	771	537	AL18 28 100 H ____ C	440,25	540,25	590,25
	1200	1,2555	15,3	1223	924	644	AL18 28 120 H ____ C	460,00	560,00	610,00
	1400	1,2555	17,6	1427	1078	751	AL18 28 140 H ____ C	474,75	574,75	624,75
	1500	1,2555	18,8	1529	1155	805	AL18 28 150 H ____ C	486,50	586,50	636,50
	1600	1,2555	20,0	1631	1232	859	AL18 28 160 H ____ C	504,00	604,00	654,00
	1700	1,2555	21,2	1733	1310	913	AL18 28 170 H ____ C	529,00	629,00	679,00
	1800	1,2555	22,3	1835	1387	966	AL18 28 180 H ____ C	554,00	654,00	704,00
	1900	1,2555	23,5	1937	1464	1020	AL18 28 190 H ____ C	583,00	683,00	733,00
	2000	1,2555	24,7	2039	1541	1074	AL18 28 200 H ____ C	608,00	708,00	758,00
	2100	1,2555	25,9	2141	1618	1127	AL18 28 210 H ____ C	660,00	760,00	810,00
	2200	1,2555	27,0	2243	1695	1181	AL18 28 220 H ____ C	684,00	784,00	834,00
	2300	1,2555	28,2	2345	1772	1235	AL18 28 230 H ____ C	672,00	772,00	822,00
	2500	1,2555	53,8	2549	1926	1342	AL18 28 250 H ____ C	734,00	834,00	884,00

HOW TO ORDER THE ALICE 18 HORIZONTAL RADIATOR

Radiator model E.g.: Alice 18 horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1600 mm	Connection code Example: connection H07	Color code Es: R01 - White	Constant value
AL18	12	160	H07	R01	C

Example of article code creation

AL18 ALICE 18 HORIZONTAL
 12 12 Elements
 160 Width 1600 mm
 H07 Connection H07 (see product page)
 R01 Color R01 - White (see color chart)
 C Constant value

AL18 12 160 H07 R01 C

ALICE 18

TANDEM VERTICAL

WARRANTY 5 YEARS



Color: RAL 9010 - R01 White

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 18 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

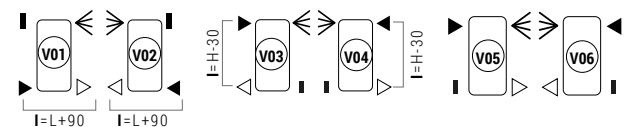
COLORS:

See color chart on pages II and III.

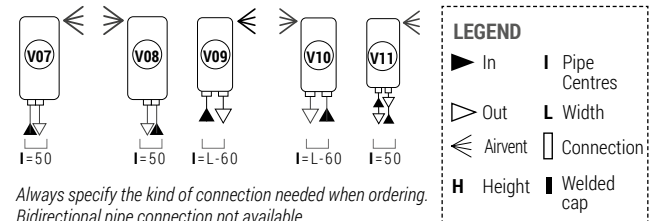
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



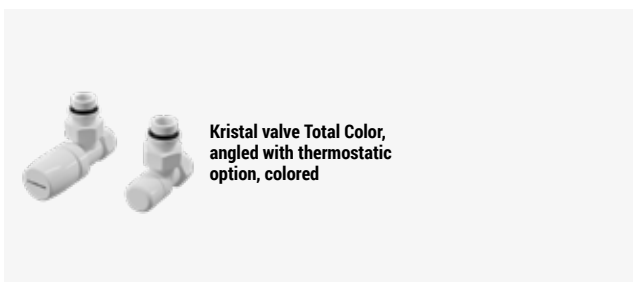
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	29	30,6	34,2	35,7	44,2	45,6	50,4	53,7	62,8
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	15,6	16,3	18,1	18,9	22,9	23,6	25,8	27,5	32,2
Dry Weight per element [kg]	0,462	0,487	0,546	0,571	0,714	0,739	0,823	0,882	1,050
Water content [lt]	0,231	0,246	0,271	0,283	0,352	0,364	0,404	0,432	0,512
Element surface [m ²]	0,061	0,065	0,073	0,076	0,095	0,099	0,110	0,118	0,140
Exponent n	1,2196	1,2263	1,2420	1,2488	1,2870	1,2937	1,3095	1,3095	1,3097
Pipe Centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different Δt , please refer to the following formula: **desired output = output at $\Delta t 50^\circ\text{C}$ x (Desired $\Delta t/50$)ⁿ**

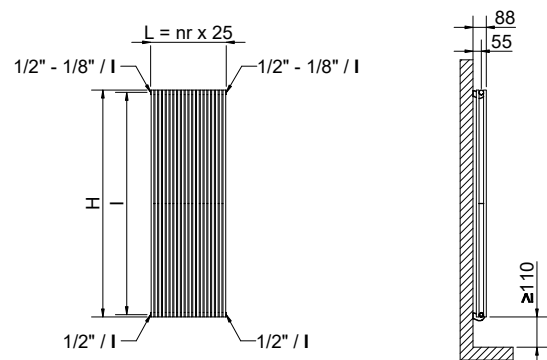
Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	71,5	79,8	87,7	91,6	95,3	99	102,6	106,2	113
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	36,6	40,8	44,9	46,9	48,8	50,7	52,5	54,3	57,8
Dry Weight per element [kg]	1,218	1,385	1,553	1,637	1,721	1,805	1,889	1,973	2,141
Water content [lt]	0,593	0,673	0,754	0,794	0,834	0,874	0,915	0,955	1,035
Element surface [m ²]	0,163	0,186	0,208	0,220	0,231	0,242	0,254	0,265	0,287
Exponent n	1,3099	1,3101	1,3104	1,3106	1,3107	1,3109	1,3111	1,3112	1,3116
Pipe Centres I [mm] (V3-V4 only)	1370	1570	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES

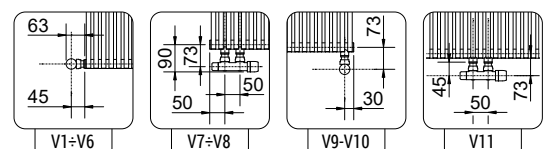


Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Quotes for Kristal valves



ALICE 18

TANDEM HORIZONTAL



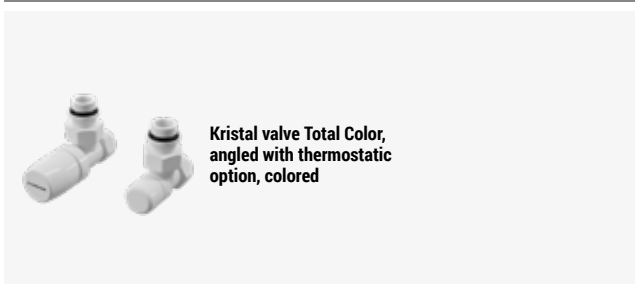
Color: F20 Milky

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,378	0,462	0,546	0,630	0,714	0,882	1,050	1,218	1,302
Water content [lt]	0,191	0,231	0,271	0,311	0,352	0,432	0,512	0,593	0,633
Element surface [m ²]	0,050	0,061	0,073	0,084	0,095	0,118	0,140	0,163	0,174
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	1,385	1,469	1,553	1,637	1,721	1,805	1,889	1,973	2,141
Water content [lt]	0,673	0,714	0,754	0,794	0,834	0,874	0,915	0,955	1,035
Element surface [m ²]	0,186	0,197	0,208	0,220	0,231	0,242	0,254	0,265	0,287
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 18 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

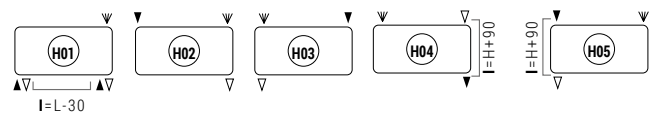
COLORS:

See color chart on pages II and III.

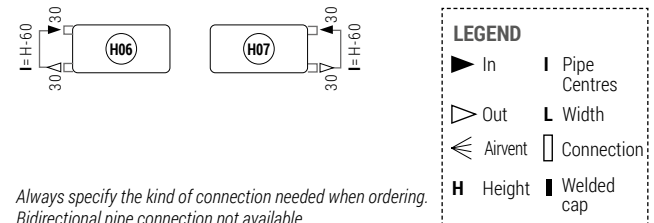
CERTIFICATES



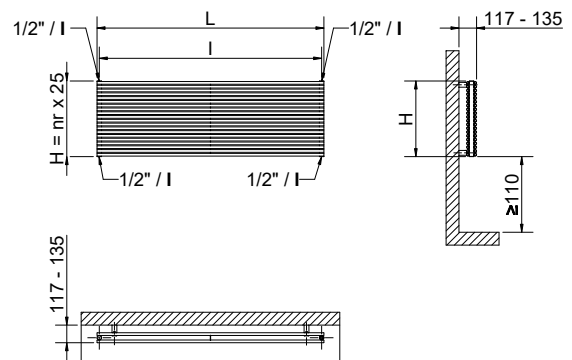
STANDARD CONNECTIONS WITHOUT SURCHARGE



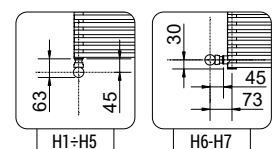
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 18

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 400 mm										
16	400	1,2440	6,0	423	320	224	AT18 16 040 H _ _ _ C	409,90	509,90	559,90
	500	1,2440	7,4	529	401	280	AT18 16 050 H _ _ _ C	416,95	516,95	566,95
	600	1,2440	8,7	634	480	336	AT18 16 060 H _ _ _ C	443,50	543,50	593,50
	700	1,2440	10,1	740	561	392	AT18 16 070 H _ _ _ C	463,00	563,00	613,00
	800	1,2440	11,4	846	641	448	AT18 16 080 H _ _ _ C	469,50	569,50	619,50
	1000	1,2440	14,1	1057	801	560	AT18 16 100 H _ _ _ C	540,50	640,50	690,50
	1200	1,2440	16,8	1269	961	672	AT18 16 120 H _ _ _ C	564,00	664,00	714,00
	1400	1,2440	19,5	1480	1121	784	AT18 16 140 H _ _ _ C	571,50	671,50	721,50
	1500	1,2440	20,8	1586	1202	840	AT18 16 150 H _ _ _ C	579,00	679,00	729,00
	1600	1,2440	22,2	1692	1282	896	AT18 16 160 H _ _ _ C	586,50	686,50	736,50
	1700	1,2440	23,5	1797	1361	952	AT18 16 170 H _ _ _ C	597,00	697,00	747,00
	1800	1,2440	24,8	1903	1442	1008	AT18 16 180 H _ _ _ C	608,50	708,50	758,50
	1900	1,2440	26,2	2009	1522	1064	AT18 16 190 H _ _ _ C	622,00	722,00	772,00
	2000	1,2440	27,5	2114	1602	1120	AT18 16 200 H _ _ _ C	651,00	751,00	801,00
	2100	1,2440	28,9	2220	1682	1176	AT18 16 210 H _ _ _ C	667,00	767,00	817,00
	2200	1,2440	30,2	2326	1762	1232	AT18 16 220 H _ _ _ C	673,50	773,50	823,50
2300	1,2440	31,6	2432	1843	1288	AT18 16 230 H _ _ _ C	708,00	808,00	858,00	
2500	1,2440	34,3	2643	2002	1400	AT18 16 250 H _ _ _ C	720,00	820,00	870,00	
H 500 mm										
20	400	1,2739	7,6	484	364	252	AT18 20 040 H _ _ _ C	445,50	545,50	595,50
	500	1,2739	9,2	606	456	316	AT18 20 050 H _ _ _ C	454,75	554,75	604,75
	600	1,2739	10,9	727	547	379	AT18 20 060 H _ _ _ C	485,50	585,50	635,50
	700	1,2739	12,6	848	638	442	AT18 20 070 H _ _ _ C	507,00	607,00	657,00
	800	1,2739	14,3	969	729	505	AT18 20 080 H _ _ _ C	515,50	615,50	665,50
	1000	1,2739	17,6	1211	911	632	AT18 20 100 H _ _ _ C	598,50	698,50	748,50
	1200	1,2739	21,0	1453	1093	758	AT18 20 120 H _ _ _ C	628,00	728,00	778,00
	1400	1,2739	24,4	1696	1276	885	AT18 20 140 H _ _ _ C	637,50	737,50	787,50
	1500	1,2739	26,0	1817	1367	948	AT18 20 150 H _ _ _ C	647,00	747,00	797,00
	1600	1,2739	27,7	1938	1458	1011	AT18 20 160 H _ _ _ C	656,50	756,50	806,50
	1700	1,2739	29,4	2059	1550	1074	AT18 20 170 H _ _ _ C	669,00	769,00	819,00
	1800	1,2739	31,1	2180	1641	1137	AT18 20 180 H _ _ _ C	682,50	782,50	832,50
	1900	1,2739	32,7	2301	1732	1200	AT18 20 190 H _ _ _ C	698,00	798,00	848,00
	2000	1,2739	34,4	2422	1823	1263	AT18 20 200 H _ _ _ C	735,00	835,00	885,00
	2100	1,2739	36,1	2543	1914	1327	AT18 20 210 H _ _ _ C	755,00	855,00	905,00
	2200	1,2739	37,8	2664	2005	1390	AT18 20 220 H _ _ _ C	763,50	863,50	913,50
2300	1,2739	39,5	2786	2097	1453	AT18 20 230 H _ _ _ C	808,00	908,00	958,00	
2500	1,2739	42,8	3028	2279	1580	AT18 20 250 H _ _ _ C	824,00	924,00	974,00	
H 550 mm										
22	400	1,2889	8,3	512	384	265	AT18 22 040 H _ _ _ C	463,30	563,30	613,30
	500	1,2889	10,2	641	481	332	AT18 22 050 H _ _ _ C	473,65	573,65	623,65
	600	1,2889	12,0	769	577	398	AT18 22 060 H _ _ _ C	506,50	606,50	656,50
	700	1,2889	13,9	897	673	464	AT18 22 070 H _ _ _ C	529,00	629,00	679,00
	800	1,2889	15,7	1025	769	531	AT18 22 080 H _ _ _ C	538,50	638,50	688,50
	1000	1,2889	19,4	1281	961	663	AT18 22 100 H _ _ _ C	627,50	727,50	777,50
	1200	1,2889	23,1	1537	1153	796	AT18 22 120 H _ _ _ C	676,00	776,00	826,00
	1400	1,2889	26,8	1794	1346	929	AT18 22 140 H _ _ _ C	670,50	770,50	820,50
	1500	1,2889	28,6	1922	1442	995	AT18 22 150 H _ _ _ C	681,00	781,00	831,00
	1600	1,2889	30,5	2050	1538	1061	AT18 22 160 H _ _ _ C	691,50	791,50	841,50
	1700	1,2889	32,3	2178	1634	1128	AT18 22 170 H _ _ _ C	705,00	805,00	855,00
	1800	1,2889	34,2	2306	1730	1194	AT18 22 180 H _ _ _ C	719,50	819,50	869,50
	1900	1,2889	36,0	2434	1826	1260	AT18 22 190 H _ _ _ C	736,00	836,00	886,00
	2000	1,2889	37,9	2562	1922	1326	AT18 22 200 H _ _ _ C	777,00	877,00	927,00
	2100	1,2889	39,7	2691	2018	1393	AT18 22 210 H _ _ _ C	799,00	899,00	949,00
	2200	1,2889	41,6	2819	2114	1459	AT18 22 220 H _ _ _ C	808,50	908,50	958,50
2300	1,2889	43,4	2947	2210	1526	AT18 22 230 H _ _ _ C	858,00	958,00	1.008,00	
2500	1,2889	47,1	3203	2402	1658	AT18 22 250 H _ _ _ C	876,00	976,00	1.026,00	

ALICE 18

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
24	H 600 mm									
	400	1,3039	9,1	539	403	277	AT18 24 040 H _ _ _ C	481,10	581,10	631,10
	500	1,3039	11,1	674	504	346	AT18 24 050 H _ _ _ C	492,55	592,55	642,55
	600	1,3039	13,1	808	604	415	AT18 24 060 H _ _ _ C	527,50	627,50	677,50
	700	1,3039	15,1	943	705	484	AT18 24 070 H _ _ _ C	551,00	651,00	701,00
	800	1,3039	17,1	1078	806	554	AT18 24 080 H _ _ _ C	561,50	661,50	711,50
	1000	1,3039	21,2	1347	1007	692	AT18 24 100 H _ _ _ C	656,50	756,50	806,50
	1200	1,3039	25,2	1617	1209	831	AT18 24 120 H _ _ _ C	692,00	792,00	842,00
	1400	1,3039	29,2	1886	1410	969	AT18 24 140 H _ _ _ C	703,50	803,50	853,50
	1500	1,3039	31,2	2021	1511	1038	AT18 24 150 H _ _ _ C	715,00	815,00	865,00
	1600	1,3039	33,2	2156	1612	1108	AT18 24 160 H _ _ _ C	726,50	826,50	876,50
	1700	1,3039	35,3	2290	1712	1176	AT18 24 170 H _ _ _ C	741,00	841,00	891,00
	1800	1,3039	37,3	2425	1813	1246	AT18 24 180 H _ _ _ C	756,50	856,50	906,50
	1900	1,3039	39,3	2560	1914	1315	AT18 24 190 H _ _ _ C	774,00	874,00	924,00
	2000	1,3039	41,3	2695	2015	1384	AT18 24 200 H _ _ _ C	819,00	919,00	969,00
	2100	1,3039	43,3	2829	2115	1453	AT18 24 210 H _ _ _ C	843,00	943,00	993,00
2200	1,3039	45,3	2694	2014	1384	AT18 24 220 H _ _ _ C	853,50	953,50	1.003,50	
2300	1,3039	47,4	3099	2317	1592	AT18 24 230 H _ _ _ C	908,00	1.008,00	1.058,00	
2500	1,3039	51,4	3368	2518	1730	AT18 24 250 H _ _ _ C	928,00	1.028,00	1.078,00	
26	H 650 mm									
	400	1,3189	9,8	564	420	288	AT18 26 040 H _ _ _ C	498,90	598,90	648,90
	500	1,3189	12,0	705	525	359	AT18 26 050 H _ _ _ C	511,45	611,45	661,45
	600	1,3189	14,2	846	630	431	AT18 26 060 H _ _ _ C	548,50	648,50	698,50
	700	1,3189	16,4	987	735	503	AT18 26 070 H _ _ _ C	573,00	673,00	723,00
	800	1,3189	18,6	1128	840	575	AT18 26 080 H _ _ _ C	584,50	684,50	734,50
	1000	1,3189	22,9	1410	1051	719	AT18 26 100 H _ _ _ C	685,50	785,50	835,50
	1200	1,3189	27,3	1692	1261	863	AT18 26 120 H _ _ _ C	724,00	824,00	874,00
	1400	1,3189	31,7	1974	1471	1006	AT18 26 140 H _ _ _ C	736,50	836,50	886,50
	1500	1,3189	33,9	2115	1576	1078	AT18 26 150 H _ _ _ C	749,00	849,00	899,00
	1600	1,3189	36,0	2256	1681	1150	AT18 26 160 H _ _ _ C	761,50	861,50	911,50
	1700	1,3189	38,2	2396	1785	1221	AT18 26 170 H _ _ _ C	777,00	877,00	927,00
	1800	1,3189	40,4	2537	1890	1293	AT18 26 180 H _ _ _ C	793,50	893,50	943,50
	1900	1,3189	42,6	2678	1995	1365	AT18 26 190 H _ _ _ C	812,00	912,00	962,00
	2000	1,3189	44,7	2819	2100	1437	AT18 26 200 H _ _ _ C	861,00	961,00	1.011,00
	2100	1,3189	46,9	2960	2205	1509	AT18 26 210 H _ _ _ C	887,00	987,00	1.037,00
2200	1,3189	49,1	3101	2310	1581	AT18 26 220 H _ _ _ C	898,50	998,50	1.048,50	
2300	1,3189	51,3	3242	2415	1653	AT18 26 230 H _ _ _ C	958,00	1.058,00	1.108,00	
2500	1,3189	55,7	3524	2626	1797	AT18 26 250 H _ _ _ C	980,00	1.080,00	1.130,00	
28	H 700 mm									
	400	1,2787	10,6	587	441	305	AT18 28 040 H _ _ _ C	516,70	616,70	666,70
	500	1,2787	12,9	734	552	382	AT18 28 050 H _ _ _ C	530,35	630,35	680,35
	600	1,2787	15,3	881	662	458	AT18 28 060 H _ _ _ C	569,50	669,50	719,50
	700	1,2787	17,6	1028	773	535	AT18 28 070 H _ _ _ C	595,00	695,00	745,00
	800	1,2787	20,0	1175	883	611	AT18 28 080 H _ _ _ C	607,50	707,50	757,50
	1000	1,2787	24,7	1469	1104	764	AT18 28 100 H _ _ _ C	714,50	814,50	864,50
	1200	1,2787	29,4	1762	1325	917	AT18 28 120 H _ _ _ C	756,00	856,00	906,00
	1400	1,2787	34,1	2056	1546	1070	AT18 28 140 H _ _ _ C	769,50	869,50	919,50
	1500	1,2787	36,5	2203	1656	1146	AT18 28 150 H _ _ _ C	783,00	883,00	933,00
	1600	1,2787	38,8	2350	1767	1223	AT18 28 160 H _ _ _ C	796,50	896,50	946,50
	1700	1,2787	41,1	2497	1877	1299	AT18 28 170 H _ _ _ C	813,00	913,00	963,00
	1800	1,2787	43,5	2644	1988	1376	AT18 28 180 H _ _ _ C	830,50	930,50	980,50
	1900	1,2787	45,8	2791	2098	1452	AT18 28 190 H _ _ _ C	850,00	950,00	1.000,00
	2000	1,2787	48,2	2937	2208	1528	AT18 28 200 H _ _ _ C	903,00	1.003,00	1.053,00
	2100	1,2787	50,5	3084	2318	1605	AT18 28 210 H _ _ _ C	931,00	1.031,00	1.081,00
2200	1,2787	52,9	3231	2429	1681	AT18 28 220 H _ _ _ C	943,50	1.043,50	1.093,50	
2300	1,2787	55,2	3378	2539	1758	AT18 28 230 H _ _ _ C	1.008,00	1.108,00	1.158,00	
2500	1,2787	59,9	3672	2760	1911	AT18 28 250 H _ _ _ C	1.032,00	1.132,00	1.182,00	

HOW TO ORDER THE ALICE 18 TANDEM HORIZONTAL RADIATOR

Radiator model E.g. ALICE 18 TANDEM horizontal	Nr of Elements E.g. 20 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es. R01 - White	Constant value
AT18	20	120	H04	R01	C

Example of article code creation

AT18 ALICE TANDEM 18 HORIZONTAL
 20 20 Elements
 120 Width 1200 mm
 H04 Connection H04 (see product page)
 R01 Color R01 - White (see color chart)
 C Constant value

AT18 20 120 H04 R01 C

ALICE 22

VERTICAL



WARRANTY 5 YEARS



Color: F26 Dark aluminium

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 22 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

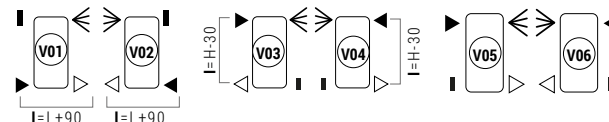
COLORS:

See color chart on pages II and III.

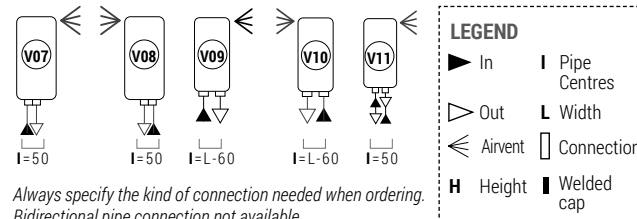
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



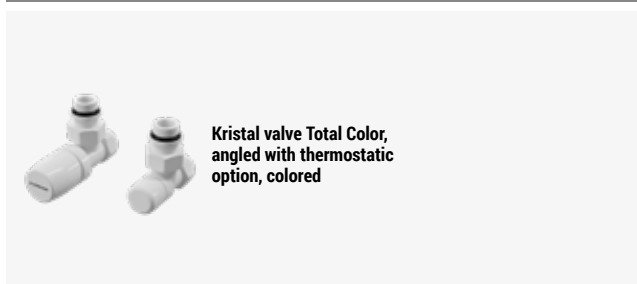
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	19	23,4	27,6	31,7	35,8	43,8	51,5	59	62,7
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	9,9	12,2	14,5	16,7	18,9	23,1	27,2	31,1	33
Dry Weight per element [kg]	0,271	0,322	0,374	0,426	0,478	0,582	0,685	0,789	0,841
Water content [lt]	0,16	0,191	0,223	0,254	0,286	0,349	0,411	0,474	0,5
Element surface [m ²]	0,33	0,04	0,047	0,054	0,061	0,075	0,089	0,102	0,109
Exponent n	1,2757	1,2695	1,2634	1,2573	1,2512	1,2470	1,2508	1,2546	1,2565
Pipe Centres I [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different Δt , please refer to the following formula: **desired output = output at $\Delta t 50\text{ x}$ (Desired $\Delta t/50$)ⁿ**

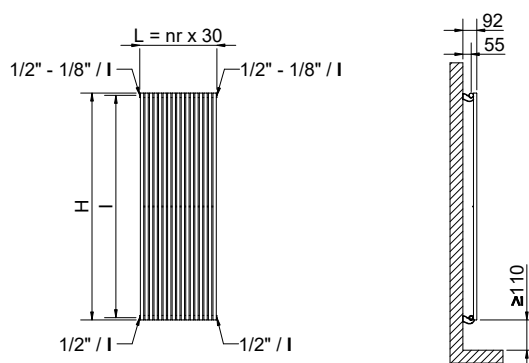
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	66,3	69,9	73,4	76,9	80,4	83,3	87,1	90,5	97
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	34,8	36,7	38,4	40,2	41,9	43,6	45,3	47,0	50,2
Dry Weight per element [kg]	0,893	0,945	0,996	1,048	1,1	1,152	1,204	1,256	1,359
Water content [lt]	0,537	0,568	0,6	0,631	0,663	0,694	0,726	0,757	0,82
Element surface [m ²]	0,116	0,123	0,13	0,137	0,144	0,151	0,158	0,165	0,178
Exponent n	1,2599	1,2633	1,2667	1,2701	1,2735	1,2769	1,2803	1,2838	1,2906
Pipe Centres I [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES

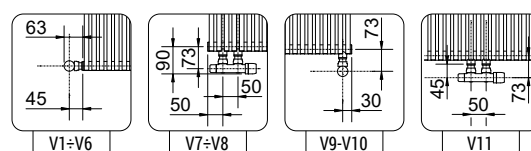


Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Quotes for Kristal valves



ALICE 22

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 500 mm			
10	300	3,2	234	176	122	AL22 10 050 V __ A	256,00	356,00	406,00
12	360	3,9	281	212	147	AL22 12 050 V __ A	272,80	372,80	422,80
14	420	4,5	328	247	171	AL22 14 050 V __ A	289,60	389,60	439,60
16	480	5,2	374	282	196	AL22 16 050 V __ A	306,40	406,40	456,40
18	540	5,8	421	317	220	AL22 18 050 V __ A	323,20	423,20	473,20
20	600	6,4	468	353	245	AL22 20 050 V __ A	340,00	440,00	490,00
22	660	7,1	515	388	269	AL22 22 050 V __ A	356,80	456,80	506,80
24	720	7,7	562	423	294	AL22 24 050 V __ A	373,60	473,60	523,60
25	750	8,1	585	441	306	AL22 25 050 V __ A	382,00	482,00	532,00
26	780	8,4	608	458	318	AL22 26 050 V __ A	390,40	490,40	540,40
28	840	9,0	655	494	343	AL22 28 050 V __ A	407,20	507,20	557,20
30	900	9,7	702	529	367	AL22 30 050 V __ A	424,00	524,00	574,00
32	960	10,3	749	564	391	AL22 32 050 V __ A	440,80	540,80	590,80
33	990	10,6	772	582	404	AL22 33 050 V __ A	449,20	549,20	599,20

H 700 mm									
8	240	3,4	254	192	133	AL22 08 070 V __ A	246,35	346,35	396,35
10	300	4,3	317	239	167	AL22 10 070 V __ A	265,25	365,25	415,25
12	360	5,1	380	287	200	AL22 12 070 V __ A	284,15	384,15	434,15
14	420	6,0	444	335	233	AL22 14 070 V __ A	303,05	403,05	453,05
16	480	6,8	507	383	267	AL22 16 070 V __ A	321,95	421,95	471,95
18	540	7,7	571	431	300	AL22 18 070 V __ A	340,85	440,85	490,85
20	600	8,5	634	479	334	AL22 20 070 V __ A	359,75	459,75	509,75
22	660	9,4	697	527	367	AL22 22 070 V __ A	378,65	478,65	528,65
24	720	10,2	761	575	400	AL22 24 070 V __ A	397,55	497,55	547,55
26	780	11,1	824	623	434	AL22 26 070 V __ A	416,45	516,45	566,45
28	840	11,9	888	670	467	AL22 28 070 V __ A	435,35	535,35	585,35
30	900	12,8	951	718	500	AL22 30 070 V __ A	454,25	554,25	604,25
32	960	13,6	1014	766	534	AL22 32 070 V __ A	473,15	573,15	623,15
33	990	14,1	1046	790	550	AL22 33 070 V __ A	482,60	582,60	632,60

H 1000 mm									
8	240	10,0	350	265	185	AL22 08 100 V __ A	256,50	356,50	406,50
10	300	12,5	438	332	232	AL22 10 100 V __ A	277,50	377,50	427,50
12	360	15,0	526	398	278	AL22 12 100 V __ A	298,50	398,50	448,50
14	420	17,5	613	464	324	AL22 14 100 V __ A	319,50	419,50	469,50
15	450	18,7	657	497	347	AL22 15 100 V __ A	330,00	430,00	480,00
16	480	20,0	701	531	371	AL22 16 100 V __ A	340,50	440,50	490,50
18	540	22,4	788	597	417	AL22 18 100 V __ A	361,50	461,50	511,50
19	570	23,7	832	630	440	AL22 19 100 V __ A	372,00	472,00	522,00
20	600	24,9	876	663	463	AL22 20 100 V __ A	382,50	482,50	532,50
22	660	27,4	964	730	510	AL22 22 100 V __ A	403,50	503,50	553,50
24	720	29,9	1051	796	556	AL22 24 100 V __ A	424,50	524,50	574,50
26	780	32,4	1139	862	602	AL22 26 100 V __ A	445,50	545,50	595,50
28	840	34,9	1226	929	649	AL22 28 100 V __ A	466,50	566,50	616,50
30	900	37,4	1314	995	695	AL22 30 100 V __ A	487,50	587,50	637,50

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 600 mm			
10	300	3,7	276	208	145	AL22 10 060 V __ A	260,50	360,50	410,50
12	360	4,5	331	250	174	AL22 12 060 V __ A	278,30	378,30	428,30
14	420	5,2	386	291	203	AL22 14 060 V __ A	296,10	396,10	446,10
16	480	6,0	442	333	232	AL22 16 060 V __ A	313,90	413,90	463,90
18	540	6,7	497	375	261	AL22 18 060 V __ A	331,70	431,70	481,70
20	600	7,5	552	416	290	AL22 20 060 V __ A	349,50	449,50	499,50
22	660	8,2	607	458	318	AL22 22 060 V __ A	367,30	467,30	517,30
24	720	9,0	662	500	347	AL22 24 060 V __ A	385,10	485,10	535,10
25	750	9,4	690	520	362	AL22 25 060 V __ A	394,00	494,00	544,00
26	780	9,7	718	541	376	AL22 26 060 V __ A	402,90	502,90	552,90
28	840	10,5	773	583	405	AL22 28 060 V __ A	420,70	520,70	570,70
30	900	11,2	828	625	434	AL22 30 060 V __ A	438,50	538,50	588,50
32	960	12,0	883	666	463	AL22 32 060 V __ A	456,30	556,30	606,30
33	990	12,3	911	687	478	AL22 33 060 V __ A	465,20	565,20	615,20

H 800 mm									
8	240	3,8	286	217	151	AL22 08 080 V __ A	250,00	350,00	400,00
10	300	4,8	358	271	189	AL22 10 080 V __ A	270,00	370,00	420,00
12	360	5,7	430	325	227	AL22 12 080 V __ A	290,00	390,00	440,00
14	420	6,7	501	379	265	AL22 14 080 V __ A	310,00	410,00	460,00
16	480	7,6	573	433	302	AL22 16 080 V __ A	330,00	430,00	480,00
18	540	8,6	644	487	340	AL22 18 080 V __ A	350,00	450,00	500,00
20	600	9,6	716	542	378	AL22 20 080 V __ A	370,00	470,00	520,00
22	660	10,5	788	596	416	AL22 22 080 V __ A	390,00	490,00	540,00
24	720	11,5	859	650	453	AL22 24 080 V __ A	410,00	510,00	560,00
26	780	12,4	931	704	491	AL22 26 080 V __ A	430,00	530,00	580,00
28	840	13,4	1002	758	529	AL22 28 080 V __ A	450,00	550,00	600,00
30	900	14,3	1074	812	567	AL22 30 080 V __ A	470,00	570,00	620,00
32	960	15,3	1146	867	605	AL22 32 080 V __ A	490,00	590,00	640,00
33	990	15,8	1181	894	623	AL22 33 080 V __ A	500,00	600,00	650,00

H 1200 mm									
8	240	5,5	412	312	217	AL22 08 120 V __ A	274,65	374,65	424,65
10	300	6,9	515	390	272	AL22 10 120 V __ A	297,75	397,75	447,75
12	360	8,2	618	467	326	AL22 12 120 V __ A	320,85	420,85	470,85
14	420	9,6	721	545	381	AL22 14 120 V __ A	343,95	443,95	493,95
15	450	10,3	773	584	408	AL22 15 120 V __ A	355,50	455,50	505,50
16	480	11,0	824	623	435	AL22 16 120 V __ A	367,05	467,05	517,05
18	540	12,3	927	701	489	AL22 18 120 V __ A	390,15	490,15	540,15
19	570	13,0	979	740	517	AL22 19 120 V __ A	401,70	501,70	551,70
20	600	13,7	1030	779	544	AL22 20 120 V __ A	413,25	513,25	563,25
22	660	15,1	1133	857	598	AL22 22 120 V __ A	436,35	536,35	586,35
24	720	16,4	1236	935	652	AL22 24 120 V __ A	459,45	559,45	609,45
26	780	17,8	1339	1013	707	AL22 26 120 V __ A	482,55	582,55	632,55
28	840	19,2	1442	1091	761	AL22 28 120 V __ A	505,65	605,65	655,65
30	900	20,6	1545	1169	816	AL22 30 120 V __ A	528,75	628,75	678,75

ALICE 22

HORIZONTAL

WARRANTY 5 YEARS



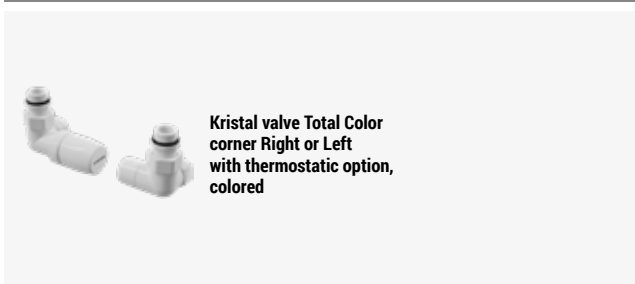
Color: F30 White sand

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,271	0,322	0,374	0,426	0,478	0,582	0,685	0,789	0,841
Water content [lt]	0,16	0,191	0,223	0,254	0,286	0,349	0,411	0,474	0,5
Element surface [m ²]	0,33	0,04	0,047	0,054	0,061	0,075	0,089	0,102	0,109
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	0,893	0,945	0,996	1,048	1,1	1,152	1,204	1,256	1,359
Water content [lt]	0,537	0,568	0,6	0,631	0,663	0,694	0,726	0,757	0,82
Element surface [m ²]	0,116	0,123	0,13	0,137	0,144	0,151	0,158	0,165	0,178
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 22 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

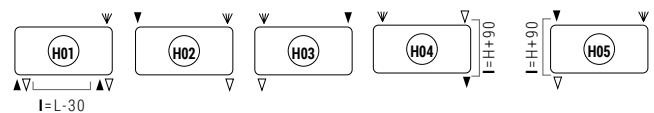
COLORS:

See color chart on pages II and III.

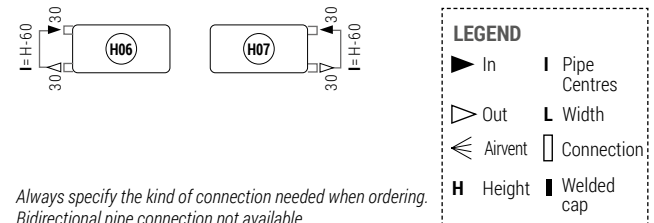
CERTIFICATES



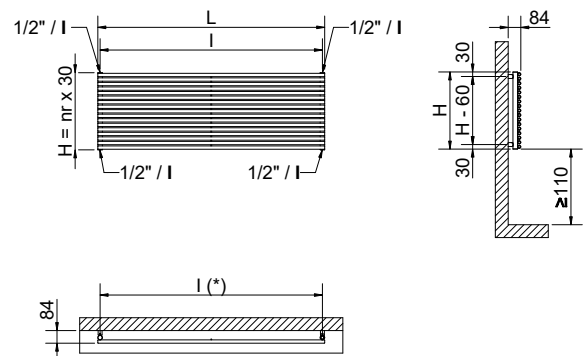
STANDARD CONNECTIONS WITHOUT SURCHARGE



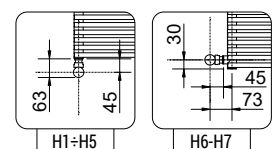
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 22

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 330 mm										
11	400	1,2470	3,0	182	138	96	AL22 11 040 H _ _ A	257,10	357,10	407,10
	500	1,2470	3,5	227	172	120	AL22 11 050 H _ _ A	264,40	364,40	414,40
	600	1,2470	4,1	273	207	144	AL22 11 060 H _ _ A	269,40	369,40	419,40
	700	1,2470	4,7	318	241	168	AL22 11 070 H _ _ A	274,70	374,70	424,70
	800	1,2470	5,3	363	275	192	AL22 11 080 H _ _ A	280,00	380,00	430,00
	1000	1,2470	6,4	454	344	240	AL22 11 100 H _ _ A	288,00	388,00	438,00
	1200	1,2470	7,5	545	413	288	AL22 11 120 H _ _ A	309,30	409,30	459,30
	1400	1,2470	8,7	636	482	336	AL22 11 140 H _ _ A	322,60	422,60	472,60
	1500	1,2470	9,3	681	516	360	AL22 11 150 H _ _ A	326,00	426,00	476,00
	1600	1,2470	9,8	727	550	384	AL22 11 160 H _ _ A	333,00	433,00	483,00
	1700	1,2470	10,4	772	584	408	AL22 11 170 H _ _ A	340,00	440,00	490,00
	1800	1,2470	11,0	818	619	433	AL22 11 180 H _ _ A	347,00	447,00	497,00
	1900	1,2470	11,5	863	653	456	AL22 11 190 H _ _ A	351,00	451,00	501,00
	2000	1,2470	12,1	908	687	480	AL22 11 200 H _ _ A	366,00	466,00	516,00
	2100	1,2470	12,7	954	722	505	AL22 11 210 H _ _ A	381,00	481,00	531,00
	2200	1,2470	13,2	999	756	528	AL22 11 220 H _ _ A	402,00	502,00	552,00
	2300	1,2470	13,8	1045	791	553	AL22 11 230 H _ _ A	414,00	514,00	564,00
	2500	1,2470	14,9	1135	859	600	AL22 11 250 H _ _ A	424,00	524,00	574,00
H 360 mm										
12	400	1,2495	3,3	201	152	106	AL22 12 040 H _ _ A	264,45	364,45	414,45
	500	1,2495	3,9	251	190	133	AL22 12 050 H _ _ A	272,80	372,80	422,80
	600	1,2495	4,5	301	228	159	AL22 12 060 H _ _ A	278,30	378,30	428,30
	700	1,2495	5,1	352	266	186	AL22 12 070 H _ _ A	284,15	384,15	434,15
	800	1,2495	5,7	402	304	212	AL22 12 080 H _ _ A	290,00	390,00	440,00
	1000	1,2495	7,0	502	380	265	AL22 12 100 H _ _ A	298,50	398,50	448,50
	1200	1,2495	8,2	603	456	319	AL22 12 120 H _ _ A	320,85	420,85	470,85
	1400	1,2495	9,5	703	532	371	AL22 12 140 H _ _ A	335,20	435,20	485,20
	1500	1,2495	10,1	754	571	398	AL22 12 150 H _ _ A	339,00	439,00	489,00
	1600	1,2495	10,7	804	608	425	AL22 12 160 H _ _ A	347,00	447,00	497,00
	1700	1,2495	11,3	854	646	451	AL22 12 170 H _ _ A	355,00	455,00	505,00
	1800	1,2495	12,0	904	684	477	AL22 12 180 H _ _ A	363,00	463,00	513,00
	1900	1,2495	12,6	954	722	504	AL22 12 190 H _ _ A	367,50	467,50	517,50
	2000	1,2495	13,2	1005	760	531	AL22 12 200 H _ _ A	383,00	483,00	533,00
	2100	1,2495	13,8	1055	798	557	AL22 12 210 H _ _ A	400,00	500,00	550,00
	2200	1,2495	14,4	1105	836	584	AL22 12 220 H _ _ A	424,00	524,00	574,00
	2300	1,2495	15,1	1155	874	610	AL22 12 230 H _ _ A	437,00	537,00	587,00
	2500	1,2495	16,3	1256	950	663	AL22 12 250 H _ _ A	448,00	548,00	598,00
H 420 mm										
14	400	1,2545	3,8	239	181	126	AL22 14 040 H _ _ A	279,15	379,15	429,15
	500	1,2545	4,5	299	226	158	AL22 14 050 H _ _ A	289,60	389,60	439,60
	600	1,2545	5,2	359	271	189	AL22 14 060 H _ _ A	296,10	396,10	446,10
	700	1,2545	6,0	419	317	221	AL22 14 070 H _ _ A	303,05	403,05	453,05
	800	1,2545	6,7	479	362	252	AL22 14 080 H _ _ A	310,00	410,00	460,00
	1000	1,2545	8,1	599	452	315	AL22 14 100 H _ _ A	319,50	419,50	469,50
	1200	1,2545	9,6	718	543	378	AL22 14 120 H _ _ A	343,95	443,95	493,95
	1400	1,2545	11,0	838	633	442	AL22 14 140 H _ _ A	360,40	460,40	510,40
	1500	1,2545	11,8	898	679	473	AL22 14 150 H _ _ A	365,00	465,00	515,00
	1600	1,2545	12,5	958	724	505	AL22 14 160 H _ _ A	375,00	475,00	525,00
	1700	1,2545	13,2	1018	769	536	AL22 14 170 H _ _ A	385,00	485,00	535,00
	1800	1,2545	13,9	1077	814	567	AL22 14 180 H _ _ A	395,00	495,00	545,00
	1900	1,2545	14,7	1137	859	599	AL22 14 190 H _ _ A	400,50	500,50	550,50
	2000	1,2545	15,4	1197	905	631	AL22 14 200 H _ _ A	417,00	517,00	567,00
	2100	1,2545	16,1	1257	950	662	AL22 14 210 H _ _ A	438,00	538,00	588,00
	2200	1,2545	16,9	1317	995	694	AL22 14 220 H _ _ A	468,00	568,00	618,00
	2300	1,2545	17,6	1377	1041	725	AL22 14 230 H _ _ A	483,00	583,00	633,00
	2500	1,2545	19,0	11497	8690	6057	AL22 14 250 H _ _ A	496,00	596,00	646,00

ALICE 22

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 480 mm										
16	400	1,2271	4,3	278	211	149	AL22 16 040 H _ _ _ _ A	293,85	393,85	443,85
	500	1,2271	5,2	347	264	185	AL22 16 050 H _ _ _ _ A	306,40	406,40	456,40
	600	1,2271	6,0	416	316	222	AL22 16 060 H _ _ _ _ A	313,90	413,90	463,90
	700	1,2271	6,8	486	370	260	AL22 16 070 H _ _ _ _ A	321,95	421,95	471,95
	800	1,2271	7,6	555	422	297	AL22 16 080 H _ _ _ _ A	330,00	430,00	480,00
	1000	1,2271	9,3	694	528	371	AL22 16 100 H _ _ _ _ A	340,50	440,50	490,50
	1200	1,2271	11,0	833	633	445	AL22 16 120 H _ _ _ _ A	367,05	467,05	517,05
	1400	1,2271	12,6	972	739	519	AL22 16 140 H _ _ _ _ A	385,60	485,60	535,60
	1500	1,2271	13,5	1041	792	556	AL22 16 150 H _ _ _ _ A	391,00	491,00	541,00
	1600	1,2271	14,3	1111	845	594	AL22 16 160 H _ _ _ _ A	403,00	503,00	553,00
	1700	1,2271	15,1	1180	897	630	AL22 16 170 H _ _ _ _ A	415,00	515,00	565,00
	1800	1,2271	15,9	1249	950	667	AL22 16 180 H _ _ _ _ A	427,00	527,00	577,00
	1900	1,2271	16,8	1319	1003	705	AL22 16 190 H _ _ _ _ A	433,50	533,50	583,50
	2000	1,2271	17,6	1388	1056	742	AL22 16 200 H _ _ _ _ A	451,00	551,00	601,00
	2100	1,2271	18,4	1458	1109	779	AL22 16 210 H _ _ _ _ A	476,00	576,00	626,00
	2200	1,2271	19,3	1527	1161	816	AL22 16 220 H _ _ _ _ A	512,00	612,00	662,00
	2300	1,2271	20,1	1596	1214	853	AL22 16 230 H _ _ _ _ A	529,00	629,00	679,00
	2500	1,2271	21,7	1735	1319	927	AL22 16 250 H _ _ _ _ A	544,00	644,00	694,00
H 510 mm										
17	400	1,2296	4,6	297	226	158	AL22 17 040 H _ _ _ _ A	301,20	401,20	451,20
	500	1,2296	5,5	371	282	198	AL22 17 050 H _ _ _ _ A	314,80	414,80	464,80
	600	1,2296	6,4	445	338	237	AL22 17 060 H _ _ _ _ A	322,80	422,80	472,80
	700	1,2296	7,2	519	394	277	AL22 17 070 H _ _ _ _ A	331,40	431,40	481,40
	800	1,2296	8,1	593	451	316	AL22 17 080 H _ _ _ _ A	340,00	440,00	490,00
	1000	1,2296	9,9	741	563	395	AL22 17 100 H _ _ _ _ A	351,00	451,00	501,00
	1200	1,2296	11,6	890	676	475	AL22 17 120 H _ _ _ _ A	378,60	478,60	528,60
	1400	1,2296	13,4	1038	789	554	AL22 17 140 H _ _ _ _ A	398,20	498,20	548,20
	1500	1,2296	14,3	1112	845	593	AL22 17 150 H _ _ _ _ A	404,00	504,00	554,00
	1600	1,2296	15,2	1186	901	633	AL22 17 160 H _ _ _ _ A	417,00	517,00	567,00
	1700	1,2296	16,1	1260	958	672	AL22 17 170 H _ _ _ _ A	430,00	530,00	580,00
	1800	1,2296	16,9	1335	1015	712	AL22 17 180 H _ _ _ _ A	443,00	543,00	593,00
	1900	1,2296	17,8	1409	1071	752	AL22 17 190 H _ _ _ _ A	450,00	550,00	600,00
	2000	1,2296	18,7	1483	1127	791	AL22 17 200 H _ _ _ _ A	468,00	568,00	618,00
	2100	1,2296	19,6	1557	1183	831	AL22 17 210 H _ _ _ _ A	495,00	595,00	645,00
	2200	1,2296	20,5	1631	1240	870	AL22 17 220 H _ _ _ _ A	534,00	634,00	684,00
	2300	1,2296	21,4	1705	1296	910	AL22 17 230 H _ _ _ _ A	552,00	652,00	702,00
	2500	1,2296	23,1	1854	1409	989	AL22 17 250 H _ _ _ _ A	568,00	668,00	718,00
H 570 mm										
19	400	1,2346	5,1	334	254	178	AL22 19 040 H _ _ _ _ A	315,90	415,90	465,90
	500	1,2346	6,1	417	317	222	AL22 19 050 H _ _ _ _ A	331,60	431,60	481,60
	600	1,2346	7,1	501	380	267	AL22 19 060 H _ _ _ _ A	340,60	440,60	490,60
	700	1,2346	8,1	584	443	311	AL22 19 070 H _ _ _ _ A	350,30	450,30	500,30
	800	1,2346	9,1	668	507	356	AL22 19 080 H _ _ _ _ A	360,00	460,00	510,00
	1000	1,2346	11,1	835	634	444	AL22 19 100 H _ _ _ _ A	372,00	472,00	522,00
	1200	1,2346	13,0	1002	761	533	AL22 19 120 H _ _ _ _ A	401,70	501,70	551,70
	1400	1,2346	15,0	1169	888	622	AL22 19 140 H _ _ _ _ A	423,40	523,40	573,40
	1500	1,2346	16,0	1252	951	666	AL22 19 150 H _ _ _ _ A	430,00	530,00	580,00
	1600	1,2346	17,0	1336	1014	711	AL22 19 160 H _ _ _ _ A	445,00	545,00	595,00
	1700	1,2346	18,0	1419	1077	755	AL22 19 170 H _ _ _ _ A	460,00	560,00	610,00
	1800	1,2346	18,9	1503	1141	800	AL22 19 180 H _ _ _ _ A	475,00	575,00	625,00
	1900	1,2346	19,9	1586	1204	844	AL22 19 190 H _ _ _ _ A	483,00	583,00	633,00
	2000	1,2346	20,9	1670	1268	889	AL22 19 200 H _ _ _ _ A	502,00	602,00	652,00
	2100	1,2346	21,9	1753	1331	933	AL22 19 210 H _ _ _ _ A	533,00	633,00	683,00
	2200	1,2346	22,9	1837	1395	978	AL22 19 220 H _ _ _ _ A	578,00	678,00	728,00
	2300	1,2346	23,9	1920	1458	1022	AL22 19 230 H _ _ _ _ A	598,00	698,00	748,00
	2500	1,2346	25,8	2087	1584	1111	AL22 19 250 H _ _ _ _ A	616,00	716,00	766,00

HOW TO ORDER THE ALICE 22 HORIZONTAL RADIATOR

Radiator model E.g.: Alice 22 horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H01	Color code Es: R01 - White	Constant value
AL22	12	120	H01	R01	A

Example of article code creation

AL22 ALICE 22 Horizontal
 12 12 Elements
 120 width 1200 mm
 H01 connection H01 (see product page)
 R01 color R01 - White (see color chart)
 A Constant value

AL22 12 120 H01 R01 A

ALICE 22

TANDEM VERTICAL

WARRANTY 5 YEARS



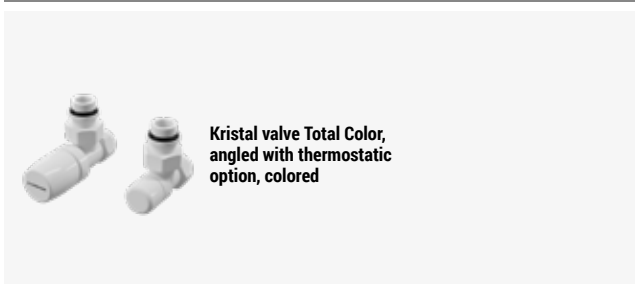
Color: RAL 8017 - R09 Dark brown

Height H [mm]	500	530	600	630	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	35,7	37,5	41,6	43,4	53,1	54,7	60,2	64	74,4
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	18,5	19,4	21,5	22,4	27,3	28,2	30,9	32,9	38,2
Dry Weight per element [kg]	0,58	0,61	0,69	0,72	0,89	0,92	1,03	1,10	1,31
Water content [lt]	0,349	0,367	0,411	0,43	0,537	0,556	0,619	0,663	0,788
Element surface [m ²]	0,075	0,079	0,089	0,093	0,116	0,12	0,134	0,144	0,172
Exponent n	1,2873	1,2886	1,2915	1,2928	1,2999	1,3012	1,3040	1,3037	1,3028
Pipe Centres I [mm] (V3-V4 only)	470	500	570	600	770	800	900	970	1170

For output at different Δt , please refer to the following formula: **desired output = output at $\Delta t 50\text{ x}$ (Desired $\Delta t/50$)ⁿ**

Height H [mm]	1400	1600	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	84,5	94,2	103,6	108,2	112,7	117,2	121,6	125,9	134,4
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	43,4	48,3	52,9	55,1	57,3	59,4	61,5	63,6	67,6
Dry Weight per element [kg]	1,52	1,72	1,93	2,03	2,14	2,24	2,34	2,45	2,66
Water content [lt]	0,914	1,04	1,165	1,228	1,291	1,354	1,417	1,479	1,605
Element surface [m ²]	0,199	0,227	0,254	0,268	0,282	0,296	0,31	0,324	0,351
Exponent n	1,3019	1,3060	1,3149	1,3194	1,3238	1,3283	1,3328	1,3373	1,3463
Pipe Centres I [mm] (V3-V4 only)	1370	1570	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 22 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

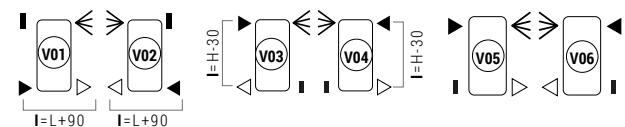
COLORS:

See color chart on pages II and III.

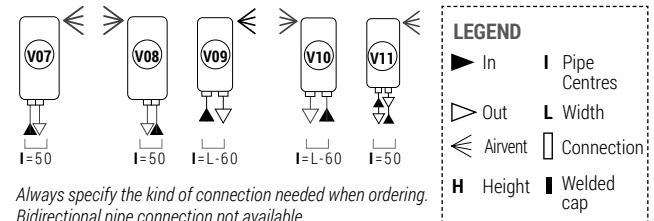
CERTIFICATES



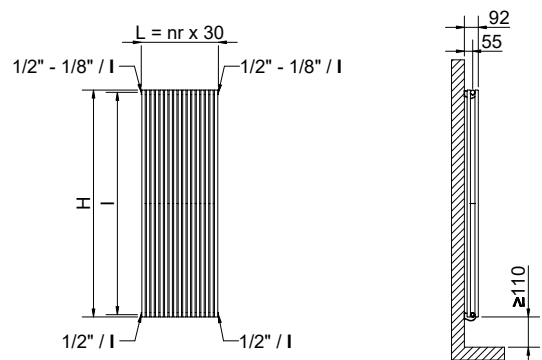
STANDARD CONNECTIONS WITHOUT SURCHARGE



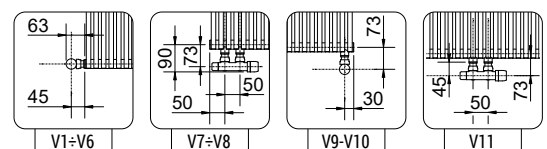
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 22

TANDEM VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]						
H 1600 mm									
8	240	13,8	754	563	387	AT22 08 160 V ___ A	432,00	532,00	582,00
10	300	17,2	942	704	483	AT22 10 160 V ___ A	478,00	578,00	628,00
12	360	20,6	1.130	845	580	AT22 12 160 V ___ A	524,00	624,00	674,00
14	420	24,1	1.319	985	677	AT22 14 160 V ___ A	570,00	670,00	720,00
15	450	25,8	1.413	1056	725	AT22 15 160 V ___ A	593,00	693,00	743,00
16	480	27,5	1.507	1126	773	AT22 16 160 V ___ A	616,00	716,00	766,00
17	510	29,2	1.601	1197	822	AT22 17 160 V ___ A	639,00	739,00	789,00
18	540	31,0	1.696	1267	870	AT22 18 160 V ___ A	662,00	762,00	812,00
19	570	32,7	1.790	1337	918	AT22 19 160 V ___ A	685,00	785,00	835,00
20	600	34,4	1.884	1408	967	AT22 20 160 V ___ A	708,00	808,00	858,00
21	630	36,1	1.978	1478	1015	AT22 21 160 V ___ A	731,00	831,00	881,00
22	660	37,8	2.072	1549	1064	AT22 22 160 V ___ A	754,00	854,00	904,00
23	690	39,6	2.167	1619	1112	AT22 23 160 V ___ A	777,00	877,00	927,00
24	720	41,3	2.261	1689	1160	AT22 24 160 V ___ A	800,00	900,00	950,00
25	750	43,0	2.355	1760	1209	AT22 25 160 V ___ A	823,00	923,00	973,00
26	780	44,7	2.449	1830	1257	AT22 26 160 V ___ A	846,00	946,00	996,00
27	810	46,4	2.543	1900	1305	AT22 27 160 V ___ A	869,00	969,00	1.019,00
28	840	48,2	2.638	1971	1354	AT22 28 160 V ___ A	892,00	992,00	1.042,00
29	870	49,9	2.732	2041	1402	AT22 29 160 V ___ A	915,00	1.015,00	1.065,00
30	900	51,6	2.826	2112	1450	AT22 30 160 V ___ A	938,00	1.038,00	1.088,00

H 2000 mm									
6	180	12,8	676	503	344	AT22 06 200 V ___ A	449,00	549,00	599,00
8	240	17,1	902	671	458	AT22 08 200 V ___ A	503,00	603,00	653,00
10	300	21,4	1.127	839	573	AT22 10 200 V ___ A	557,00	657,00	707,00
12	360	25,7	1.352	1006	688	AT22 12 200 V ___ A	611,00	711,00	761,00
14	420	30,0	1.578	1174	802	AT22 14 200 V ___ A	665,00	765,00	815,00
15	450	32,1	1.691	1258	860	AT22 15 200 V ___ A	692,00	792,00	842,00
16	480	34,2	1.803	1342	917	AT22 16 200 V ___ A	719,00	819,00	869,00
17	510	36,4	1.916	1426	974	AT22 17 200 V ___ A	746,00	846,00	896,00
18	540	38,5	2.029	1510	1032	AT22 18 200 V ___ A	773,00	873,00	923,00
19	570	40,7	2.141	1594	1089	AT22 19 200 V ___ A	800,00	900,00	950,00
20	600	42,8	2.254	1677	1146	AT22 20 200 V ___ A	827,00	927,00	977,00
22	660	47,1	2.479	1845	1261	AT22 22 200 V ___ A	881,00	981,00	1.031,00
24	720	51,4	2.705	2013	1375	AT22 24 200 V ___ A	935,00	1.035,00	1.085,00
26	780	55,6	2.930	2181	1490	AT22 26 200 V ___ A	989,00	1.089,00	1.139,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 1800 mm			
8	240	15,4	829	618	423	AT22 08 180 V __ A	455,00	555,00	605,00
10	300	19,3	1036	773	529	AT22 10 180 V __ A	505,00	605,00	655,00
12	360	23,2	1243	927	635	AT22 12 180 V __ A	555,00	655,00	705,00
14	420	27,0	1450	1082	741	AT22 14 180 V __ A	605,00	705,00	755,00
15	450	29,0	1554	1159	794	AT22 15 180 V __ A	630,00	730,00	780,00
16	480	30,9	1658	1236	847	AT22 16 180 V __ A	655,00	755,00	805,00
17	510	32,8	1761	1313	900	AT22 17 180 V __ A	680,00	780,00	830,00
18	540	34,7	1865	1391	953	AT22 18 180 V __ A	705,00	805,00	855,00
19	570	36,7	1968	1468	1006	AT22 19 180 V __ A	730,00	830,00	880,00
20	600	38,6	2072	1545	1058	AT22 20 180 V __ A	755,00	855,00	905,00
21	630	40,5	2176	1622	1111	AT22 21 180 V __ A	780,00	880,00	930,00
22	660	42,5	2279	1700	1164	AT22 22 180 V __ A	805,00	905,00	955,00
23	690	44,4	2383	1777	1217	AT22 23 180 V __ A	830,00	930,00	980,00
24	720	46,3	2486	1854	1270	AT22 24 180 V __ A	855,00	955,00	1.005,00
25	750	48,3	2590	1931	1323	AT22 25 180 V __ A	880,00	980,00	1.030,00
26	780	50,2	2694	2009	1376	AT22 26 180 V __ A	905,00	1.005,00	1.055,00
27	810	52,1	2797	2086	1429	AT22 27 180 V __ A	930,00	1.030,00	1.080,00
28	840	54,0	2901	2163	1482	AT22 28 180 V __ A	955,00	1.055,00	1.105,00
29	870	56,0	3004	2240	1535	AT22 29 180 V __ A	980,00	1.080,00	1.130,00
30	900	57,9	3108	2318	1588	AT22 30 180 V __ A	1.005,00	1.105,00	1.155,00

H 2500 mm									
6	180	16,0	806	597	405	AT22 06 250 V ___ A	540,00	640,00	690,00
8	240	21,3	1075	796	541	AT22 08 250 V ___ A	602,00	702,00	752,00
10	300	26,6	1344	995	676	AT22 10 250 V ___ A	664,00	764,00	814,00
12	360	31,9	1613	1194	811	AT22 12 250 V ___ A	726,00	826,00	876,00
14	420	37,2	1882	1393	946	AT22 14 250 V ___ A	788,00	888,00	938,00
15	450	39,9	2016	1493	1013	AT22 15 250 V ___ A	819,00	919,00	969,00
16	480	42,6	2150	1592	1081	AT22 16 250 V ___ A	850,00	950,00	1.000,00
17	510	45,2	2285	1692	1149	AT22 17 250 V ___ A	881,00	981,00	1.031,00
18	540	47,9	2419	1791	1216	AT22 18 250 V ___ A	912,00	1.012,00	1.062,00
19	570	50,5	2554	1891	1284	AT22 19 250 V ___ A	943,00	1.043,00	1.093,00
20	600	53,2	2688	1990	1351	AT22 20 250 V ___ A	974,00	1.074,00	1.124,00
22	660	58,5	2957	2190	1486	AT22 22 250 V ___ A	1.036,00	1.136,00	1.186,00
24	720	63,8	3226	2389	1622	AT22 24 250 V ___ A	1.098,00	1.198,00	1.248,00
26	780	69,2	3494	2588	1757	AT22 26 250 V ___ A	1.160,00	1.260,00	1.310,00

HOW TO ORDER THE ALICE 22 TANDEM VERTICAL RADIATOR

Radiator model E.g. ALICE 22 TANDEM VERTICAL	Nr of Elements E.g. 24 Elements	Height in mm Example: 800 mm	Connection code Example: connection V08	Color code Es: R01 - White	Constant value
AT22	24	080	V08	R01	A

Example of article code creation

AT22 ALICE 22 TANDEM VERTICAL
 24 24 Elements
 080 Height 800 mm
 V08 Connection V08 (see product page)
 R01 Color R01 - White (see color chart)
 A Constant value

The article code will be:
AT22 24 080 V08 R01 A

ALICE 22

TANDEM HORIZONTAL

WARRANTY 5 YEARS



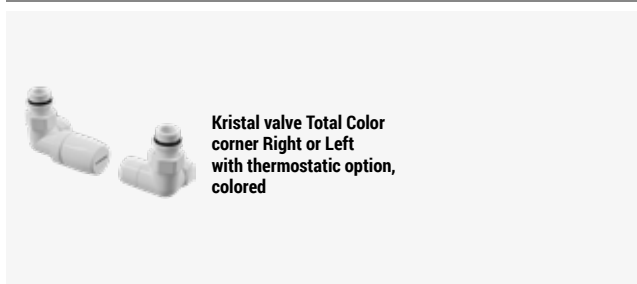
Color: F38 Sandstone

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,478	0,582	0,685	0,789	0,893	1,1	1,307	1,515	1,618
Water content [lt]	0,286	0,349	0,411	0,474	0,537	0,663	0,788	0,914	0,977
Element surface [m ²]	0,061	0,075	0,089	0,102	0,116	0,144	0,172	0,199	0,213
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired $\Delta T/50$)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	1,722	1,826	1,929	2,033	2,137	2,24	2,344	2,448	2,655
Water content [lt]	1,04	1,102	1,165	1,228	1,291	1,354	1,417	1,479	1,605
Element surface [m ²]	0,227	0,241	0,254	0,268	0,282	0,296	0,31	0,324	0,351
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 22 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

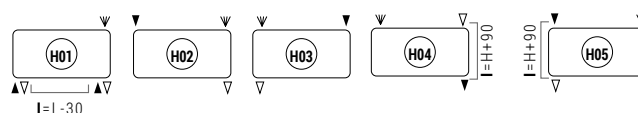
COLORS:

See color chart on pages II and III.

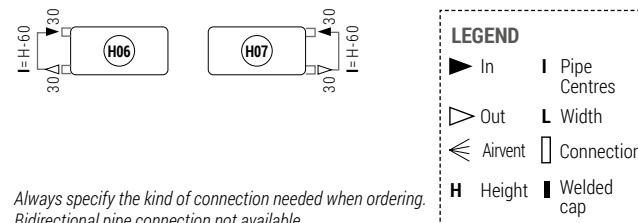
CERTIFICATES



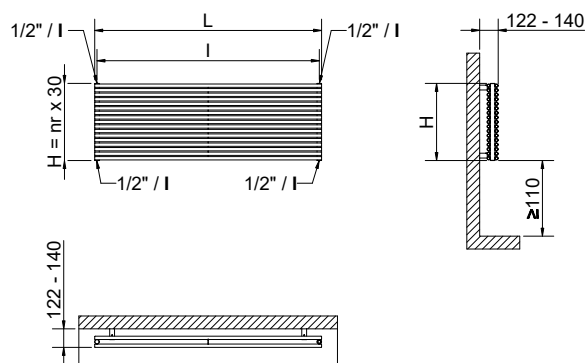
STANDARD CONNECTIONS WITHOUT SURCHARGE



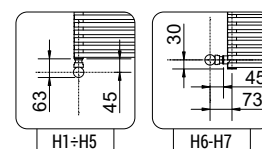
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 22

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 330 mm										
11	400	1,2087	5,3	281	215	152	AT22 11 040 H _ _ A	337,00	437,00	487,00
	500	1,2087	6,4	352	269	190	AT22 11 050 H _ _ A	344,00	444,00	494,00
	600	1,2087	7,5	422	322	228	AT22 11 060 H _ _ A	363,00	463,00	513,00
	700	1,2087	8,7	492	376	265	AT22 11 070 H _ _ A	398,00	498,00	548,00
	800	1,2087	9,8	562	429	303	AT22 11 080 H _ _ A	412,00	512,00	562,00
	1000	1,2087	12,1	703	537	379	AT22 11 100 H _ _ A	448,00	548,00	598,00
	1200	1,2087	14,4	844	644	455	AT22 11 120 H _ _ A	461,00	561,00	611,00
	1400	1,2087	16,7	984	751	531	AT22 11 140 H _ _ A	473,00	573,00	623,00
	1500	1,2087	17,8	1055	806	569	AT22 11 150 H _ _ A	491,00	591,00	641,00
	1600	1,2087	18,9	1125	859	607	AT22 11 160 H _ _ A	501,00	601,00	651,00
	1700	1,2087	20,1	1195	912	644	AT22 11 170 H _ _ A	511,00	611,00	661,00
	1800	1,2087	21,2	1265	966	682	AT22 11 180 H _ _ A	530,00	630,00	680,00
	1900	1,2087	22,4	1336	1020	721	AT22 11 190 H _ _ A	562,00	662,00	712,00
	2000	1,2087	23,5	1406	1074	758	AT22 11 200 H _ _ A	584,00	684,00	734,00
	2100	1,2087	24,6	1476	1127	796	AT22 11 210 H _ _ A	635,00	735,00	785,00
	2200	1,2087	25,8	1547	1181	834	AT22 11 220 H _ _ A	652,00	752,00	802,00
	2300	1,2087	26,9	1617	1235	872	AT22 11 230 H _ _ A	683,00	783,00	833,00
	2500	1,2087	29,2	1758	1342	948	AT22 11 250 H _ _ A	695,00	795,00	845,00
H 360 mm										
12	400	1,2126	5,7	310	237	167	AT22 12 040 H _ _ A	349,00	449,00	499,00
	500	1,2126	7,0	387	295	208	AT22 12 050 H _ _ A	357,00	457,00	507,00
	600	1,2126	8,2	465	355	250	AT22 12 060 H _ _ A	377,00	477,00	527,00
	700	1,2126	9,5	542	414	292	AT22 12 070 H _ _ A	413,00	513,00	563,00
	800	1,2126	10,7	620	473	334	AT22 12 080 H _ _ A	428,00	528,00	578,00
	1000	1,2126	13,2	775	591	417	AT22 12 100 H _ _ A	467,00	567,00	617,00
	1200	1,2126	15,7	929	709	500	AT22 12 120 H _ _ A	481,00	581,00	631,00
	1400	1,2126	18,2	1084	827	583	AT22 12 140 H _ _ A	494,00	594,00	644,00
	1500	1,2126	19,4	1162	887	625	AT22 12 150 H _ _ A	513,00	613,00	663,00
	1600	1,2126	20,7	1239	945	667	AT22 12 160 H _ _ A	524,00	624,00	674,00
	1700	1,2126	21,9	1317	1005	709	AT22 12 170 H _ _ A	535,00	635,00	685,00
	1800	1,2126	23,1	1394	1064	750	AT22 12 180 H _ _ A	555,00	655,00	705,00
	1900	1,2126	24,4	1472	1123	792	AT22 12 190 H _ _ A	588,00	688,00	738,00
	2000	1,2126	25,6	1549	1182	834	AT22 12 200 H _ _ A	611,00	711,00	761,00
	2100	1,2126	26,9	1627	1241	876	AT22 12 210 H _ _ A	663,00	763,00	813,00
	2200	1,2126	28,1	1704	1300	917	AT22 12 220 H _ _ A	681,00	781,00	831,00
	2300	1,2126	29,4	1781	1359	959	AT22 12 230 H _ _ A	713,00	813,00	863,00
	2500	1,2126	31,9	1936	1477	1042	AT22 12 250 H _ _ A	726,00	826,00	876,00
H 420 mm										
14	400	1,2202	6,7	365	278	196	AT22 14 040 H _ _ A	373,00	473,00	523,00
	500	1,2202	8,1	456	347	244	AT22 14 050 H _ _ A	383,00	483,00	533,00
	600	1,2202	9,6	548	417	294	AT22 14 060 H _ _ A	405,00	505,00	555,00
	700	1,2202	11,0	639	487	343	AT22 14 070 H _ _ A	443,00	543,00	593,00
	800	1,2202	12,5	730	556	391	AT22 14 080 H _ _ A	460,00	560,00	610,00
	1000	1,2202	15,4	913	695	490	AT22 14 100 H _ _ A	505,00	605,00	655,00
	1200	1,2202	18,3	1095	834	587	AT22 14 120 H _ _ A	521,00	621,00	671,00
	1400	1,2202	21,2	1278	973	685	AT22 14 140 H _ _ A	536,00	636,00	686,00
	1500	1,2202	22,7	1369	1043	734	AT22 14 150 H _ _ A	557,00	657,00	707,00
	1600	1,2202	24,1	1461	1113	783	AT22 14 160 H _ _ A	570,00	670,00	720,00
	1700	1,2202	25,6	1552	1182	832	AT22 14 170 H _ _ A	583,00	683,00	733,00
	1800	1,2202	27,0	1643	1251	881	AT22 14 180 H _ _ A	605,00	705,00	755,00
	1900	1,2202	28,5	1734	1321	930	AT22 14 190 H _ _ A	640,00	740,00	790,00
	2000	1,2202	29,9	1826	1391	979	AT22 14 200 H _ _ A	665,00	765,00	815,00
	2100	1,2202	31,4	1917	1460	1028	AT22 14 210 H _ _ A	719,00	819,00	869,00
	2200	1,2202	32,8	2008	1529	1077	AT22 14 220 H _ _ A	739,00	839,00	889,00
	2300	1,2202	34,3	2100	1599	1126	AT22 14 230 H _ _ A	773,00	873,00	923,00
	2500	1,2202	37,2	2282	1738	1224	AT22 14 250 H _ _ A	788,00	888,00	938,00

ALICE 22

TANDEM HORIZONTAL

Thermal output							Price [€]			
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 480 mm										
16	400	1,2278	7,6	418	318	223	AT22 16 040 H _ _ _ A	397,00	497,00	547,00
	500	1,2278	9,3	522	397	279	AT22 16 050 H _ _ _ A	409,00	509,00	559,00
	600	1,2278	11,0	626	476	334	AT22 16 060 H _ _ _ A	433,00	533,00	583,00
	700	1,2278	12,6	731	556	390	AT22 16 070 H _ _ _ A	473,00	573,00	623,00
	800	1,2278	14,3	835	635	446	AT22 16 080 H _ _ _ A	492,00	592,00	642,00
	1000	1,2278	17,6	1044	794	558	AT22 16 100 H _ _ _ A	543,00	643,00	693,00
	1200	1,2278	20,9	1253	953	669	AT22 16 120 H _ _ _ A	561,00	661,00	711,00
	1400	1,2278	24,2	1461	1111	780	AT22 16 140 H _ _ _ A	578,00	678,00	728,00
	1500	1,2278	25,9	1566	1191	836	AT22 16 150 H _ _ _ A	601,00	701,00	751,00
	1600	1,2278	27,6	1670	1270	892	AT22 16 160 H _ _ _ A	601,00	701,00	751,00
	1700	1,2278	29,2	1774	1349	947	AT22 16 170 H _ _ _ A	631,00	731,00	781,00
	1800	1,2278	30,8	1879	1429	1004	AT22 16 180 H _ _ _ A	655,00	755,00	805,00
	1900	1,2278	32,5	1983	1508	1059	AT22 16 190 H _ _ _ A	692,00	792,00	842,00
	2000	1,2278	34,2	2088	1588	1115	AT22 16 200 H _ _ _ A	719,00	819,00	869,00
	2100	1,2278	35,8	2192	1667	1171	AT22 16 210 H _ _ _ A	775,00	875,00	925,00
	2200	1,2278	37,5	2296	1746	1226	AT22 16 220 H _ _ _ A	797,00	897,00	947,00
2300	1,2278	39,2	2401	1826	1282	AT22 16 230 H _ _ _ A	833,00	933,00	983,00	
2500	1,2278	42,5	2610	1985	1394	AT22 16 250 H _ _ _ A	850,00	950,00	1.000,00	
H 510 mm										
17	400	1,2316	8,1	442	336	236	AT22 17 040 H _ _ _ A	409,00	509,00	559,00
	500	1,2316	9,9	553	420	295	AT22 17 050 H _ _ _ A	422,00	522,00	572,00
	600	1,2316	11,6	664	504	354	AT22 17 060 H _ _ _ A	447,00	547,00	597,00
	700	1,2316	13,4	774	588	413	AT22 17 070 H _ _ _ A	488,00	588,00	638,00
	800	1,2316	15,2	885	672	472	AT22 17 080 H _ _ _ A	508,00	608,00	658,00
	1000	1,2316	18,7	1106	840	590	AT22 17 100 H _ _ _ A	562,00	662,00	712,00
	1200	1,2316	22,2	1327	1008	707	AT22 17 120 H _ _ _ A	581,00	681,00	731,00
	1400	1,2316	25,8	1548	1176	825	AT22 17 140 H _ _ _ A	599,00	699,00	749,00
	1500	1,2316	27,5	1659	1260	884	AT22 17 150 H _ _ _ A	623,00	723,00	773,00
	1600	1,2316	29,3	1770	1345	943	AT22 17 160 H _ _ _ A	639,00	739,00	789,00
	1700	1,2316	31,0	1880	1428	1002	AT22 17 170 H _ _ _ A	655,00	755,00	805,00
	1800	1,2316	32,7	1991	1513	1061	AT22 17 180 H _ _ _ A	680,00	780,00	830,00
	1900	1,2316	34,6	2101	1596	1120	AT22 17 190 H _ _ _ A	718,00	818,00	868,00
	2000	1,2316	36,3	2212	1680	1179	AT22 17 200 H _ _ _ A	746,00	846,00	896,00
	2100	1,2316	38,1	2323	1765	1238	AT22 17 210 H _ _ _ A	803,00	903,00	953,00
	2200	1,2316	39,8	2433	1848	1297	AT22 17 220 H _ _ _ A	826,00	926,00	976,00
2300	1,2316	41,6	2544	1933	1356	AT22 17 230 H _ _ _ A	863,00	963,00	1.013,00	
2500	1,2316	45,1	2765	2101	1474	AT22 17 250 H _ _ _ A	881,00	981,00	1.031,00	
H 570 mm										
19	400	1,2393	9,1	489	371	260	AT22 19 040 H _ _ _ A	433,00	533,00	583,00
	500	1,2393	11,1	612	464	325	AT22 19 050 H _ _ _ A	448,00	548,00	598,00
	600	1,2393	13,0	734	557	390	AT22 19 060 H _ _ _ A	475,00	575,00	625,00
	700	1,2393	15,0	857	650	455	AT22 19 070 H _ _ _ A	518,00	618,00	668,00
	800	1,2393	17,0	979	742	520	AT22 19 080 H _ _ _ A	540,00	640,00	690,00
	1000	1,2393	20,9	1224	928	650	AT22 19 100 H _ _ _ A	600,00	700,00	750,00
	1200	1,2393	24,8	1468	1113	779	AT22 19 120 H _ _ _ A	621,00	721,00	771,00
	1400	1,2393	28,8	1713	1299	910	AT22 19 140 H _ _ _ A	641,00	741,00	791,00
	1500	1,2393	30,7	1835	1392	974	AT22 19 150 H _ _ _ A	667,00	767,00	817,00
	1600	1,2393	32,7	1958	1485	1040	AT22 19 160 H _ _ _ A	685,00	785,00	835,00
	1700	1,2393	34,7	2080	1577	1104	AT22 19 170 H _ _ _ A	703,00	803,00	853,00
	1800	1,2393	36,6	2202	1670	1169	AT22 19 180 H _ _ _ A	730,00	830,00	880,00
	1900	1,2393	38,6	2325	1763	1235	AT22 19 190 H _ _ _ A	770,00	870,00	920,00
	2000	1,2393	40,6	2447	1856	1299	AT22 19 200 H _ _ _ A	800,00	900,00	950,00
	2100	1,2393	42,6	2570	1949	1365	AT22 19 210 H _ _ _ A	859,00	959,00	1.009,00
	2200	1,2393	44,5	2692	2042	1429	AT22 19 220 H _ _ _ A	884,00	984,00	1.034,00
2300	1,2393	46,5	2814	2134	1494	AT22 19 230 H _ _ _ A	923,00	1.023,00	1.073,00	
2500	1,2393	50,4	3059	2320	1624	AT22 19 250 H _ _ _ A	943,00	1.043,00	1.093,00	

HOW TO ORDER THE ALICE 22 TANDEM HORIZONTAL RADIATOR

Radiator model E.g. Alice 22 tandem horizontal	Nr of Elements E.g. 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es. R01 - White	Constant value
AT22	12	120	H04	R01	A

Example of article code creation

AT22 ALICE TANDEM 22 HORIZONTAL
 12 12 Elements
 120 Width 1200 mm
 H04 Connection H04 (see product page)
 R01 Color R01 - White (see color chart)
 A Constant value

AT22 12 120 H04 R01 A

ALICE 25

VERTICAL



WARRANTY 5 YEARS



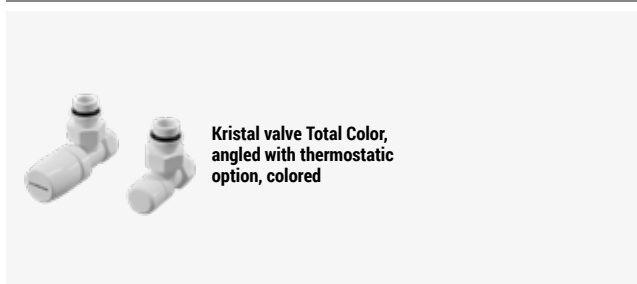
Color: RAL 1021 - R05 Yellow rape

Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	23	27,7	32,2	36,7	41,2	49,9	58,8	67,1	71,4
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	12,2	14,7	17,1	19,5	21,8	26,4	31	35,5	37,7
Dry Weight per element [kg]	0,315	0,374	0,434	0,493	0,552	0,670	0,789	0,907	0,967
Water content [lt]	0,209	0,250	0,292	0,333	0,375	0,458	0,541	0,624	0,666
Element surface [m ²]	0,038	0,046	0,054	0,062	0,070	0,086	0,101	0,117	0,125
Exponent n	1,2335	1,2352	1,2369	1,2386	1,2403	1,2437	1,2460	1,2484	1,2496
Pipe Centres I [mm] (V3-V4 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50\text{ }^{\circ}\text{C}$ x (Desired $\Delta T/50$)ⁿ**

Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	75,7	80	84,4	88,7	93	97,4	101,8	106,1	115
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	40	42,2	44,4	46,6	48,9	51,1	53,3	55,6	60,2
Dry Weight per element [kg]	1,026	1,085	1,144	1,204	1,263	1,322	1,381	1,441	1,559
Water content [lt]	0,707	0,749	0,790	0,832	0,873	0,915	0,956	0,998	1,081
Element surface [m ²]	0,133	0,140	0,148	0,156	0,164	0,172	0,180	0,188	0,203
Exponent n	1,2507	1,2532	1,2556	1,2580	1,2604	1,2629	1,2653	1,2677	1,2702
Pipe Centres I [mm] (V3-V4 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 25 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

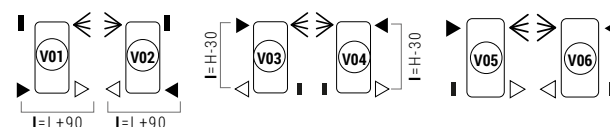
COLORS:

See color chart on pages II and III.

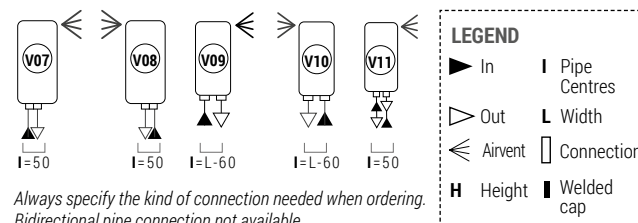
CERTIFICATES



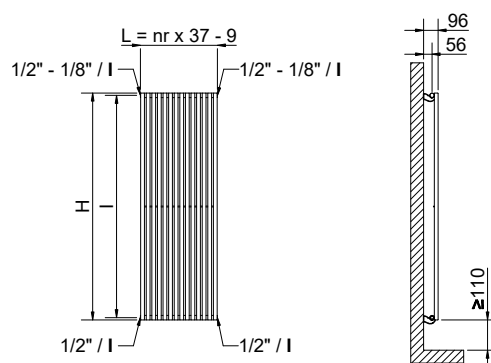
STANDARD CONNECTIONS WITHOUT SURCHARGE



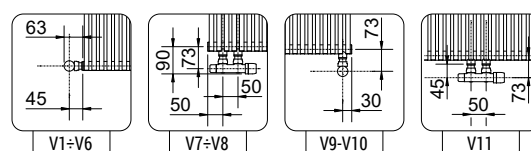
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 25

VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			R01 White	CLASSIC Color	SPECIAL Color				
n°	L [mm]	[Kg]	[Watt]			H 500 mm			
10	361	3,2	277	210	147	AL25 10 050 V __ A	276,00	376,00	426,00
12	435	3,8	332	252	177	AL25 12 050 V __ A	298,00	398,00	448,00
14	509	4,4	388	294	206	AL25 14 050 V __ A	320,00	420,00	470,00
16	583	5,0	443	336	236	AL25 16 050 V __ A	342,00	442,00	492,00
18	657	5,7	499	378	265	AL25 18 050 V __ A	364,00	464,00	514,00
20	731	6,3	554	421	295	AL25 20 050 V __ A	386,00	486,00	536,00
22	805	6,9	609	463	324	AL25 22 050 V __ A	408,00	508,00	558,00
24	879	7,6	665	505	354	AL25 24 050 V __ A	430,00	530,00	580,00
25	916	7,9	693	526	368	AL25 25 050 V __ A	441,00	541,00	591,00
26	953	8,2	720	547	383	AL25 26 050 V __ A	452,00	552,00	602,00
28	1027	8,8	776	589	413	AL25 28 050 V __ A	474,00	574,00	624,00
30	1101	9,5	831	631	442	AL25 30 050 V __ A	496,00	596,00	646,00
32	1175	10,1	886	673	472	AL25 32 050 V __ A	518,00	618,00	668,00
33	1212	10,4	914	694	486	AL25 33 050 V __ A	529,00	629,00	679,00

H 700 mm									
8	287	3,9	294	223	156	AL25 08 070 V __ A	262,00	362,00	412,00
10	361	4,9	367	278	195	AL25 10 070 V __ A	288,00	388,00	438,00
12	435	5,9	440	334	234	AL25 12 070 V __ A	314,00	414,00	464,00
14	509	6,9	514	390	273	AL25 14 070 V __ A	340,00	440,00	490,00
16	583	7,9	587	445	312	AL25 16 070 V __ A	366,00	466,00	516,00
18	657	8,9	661	501	351	AL25 18 070 V __ A	392,00	492,00	542,00
20	731	9,9	734	557	390	AL25 20 070 V __ A	418,00	518,00	568,00
22	805	10,8	807	612	429	AL25 22 070 V __ A	444,00	544,00	594,00
24	879	11,8	881	668	468	AL25 24 070 V __ A	470,00	570,00	620,00
26	953	12,8	954	724	507	AL25 26 070 V __ A	496,00	596,00	646,00
28	1027	13,8	1028	779	546	AL25 28 070 V __ A	522,00	622,00	672,00
30	1101	14,8	1101	835	585	AL25 30 070 V __ A	548,00	648,00	698,00
32	1175	15,8	1174	891	624	AL25 32 070 V __ A	574,00	674,00	724,00
33	1212	16,3	1211	919	643	AL25 33 070 V __ A	587,00	687,00	737,00

H 1000 mm									
8	287	5,4	399	302	211	AL25 08 100 V __ A	275,00	375,00	425,00
10	361	6,7	499	378	264	AL25 10 100 V __ A	305,00	405,00	455,00
12	435	8,0	599	454	317	AL25 12 100 V __ A	335,00	435,00	485,00
14	509	9,4	699	529	370	AL25 14 100 V __ A	365,00	465,00	515,00
15	546	10,1	749	567	397	AL25 15 100 V __ A	380,00	480,00	530,00
16	583	10,7	798	605	423	AL25 16 100 V __ A	395,00	495,00	545,00
18	657	12,1	898	681	476	AL25 18 100 V __ A	425,00	525,00	575,00
19	694	12,7	948	718	502	AL25 19 100 V __ A	440,00	540,00	590,00
20	731	13,4	998	756	529	AL25 20 100 V __ A	455,00	555,00	605,00
22	805	14,7	1098	832	582	AL25 22 100 V __ A	485,00	585,00	635,00
24	879	16,1	1198	907	634	AL25 24 100 V __ A	515,00	615,00	665,00
26	953	17,4	1297	983	687	AL25 26 100 V __ A	545,00	645,00	695,00
28	1027	18,8	1397	1059	740	AL25 28 100 V __ A	575,00	675,00	725,00
30	1101	20,1	1497	1134	793	AL25 30 100 V __ A	605,00	705,00	755,00

El.	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			n°	L [mm]	[Kg]		[Watt]	R01 White	CLASSIC Color
H 600 mm									
10	361	4,3	322	244	171	AL25 10 060 V __ A	282,00	382,00	432,00
12	435	5,2	386	293	205	AL25 12 060 V __ A	306,00	406,00	456,00
14	509	6,1	451	342	240	AL25 14 060 V __ A	330,00	430,00	480,00
16	583	6,9	515	391	274	AL25 16 060 V __ A	354,00	454,00	504,00
18	657	7,8	580	440	308	AL25 18 060 V __ A	378,00	478,00	528,00
20	731	8,7	644	489	342	AL25 20 060 V __ A	402,00	502,00	552,00
22	805	9,5	708	538	377	AL25 22 060 V __ A	426,00	526,00	576,00
24	879	10,4	773	586	411	AL25 24 060 V __ A	450,00	550,00	600,00
25	916	10,9	805	611	428	AL25 25 060 V __ A	462,00	562,00	612,00
26	953	11,3	837	635	445	AL25 26 060 V __ A	474,00	574,00	624,00
28	1027	12,2	902	684	479	AL25 28 060 V __ A	498,00	598,00	648,00
30	1101	13,0	966	733	514	AL25 30 060 V __ A	522,00	622,00	672,00
32	1175	13,9	1030	782	548	AL25 32 060 V __ A	546,00	646,00	696,00
33	1212	14,3	1063	806	565	AL25 33 060 V __ A	558,00	658,00	708,00

H 800 mm									
8	287	4,4	330	250	175	AL25 08 080 V __ A	266,00	366,00	416,00
10	361	5,5	412	312	219	AL25 10 080 V __ A	294,00	394,00	444,00
12	435	6,6	494	375	262	AL25 12 080 V __ A	322,00	422,00	472,00
14	509	7,7	577	437	306	AL25 14 080 V __ A	350,00	450,00	500,00
16	583	8,8	659	500	350	AL25 16 080 V __ A	378,00	478,00	528,00
18	657	9,9	742	562	394	AL25 18 080 V __ A	406,00	506,00	556,00
20	731	11,0	824	625	437	AL25 20 080 V __ A	434,00	534,00	584,00
22	805	12,1	906	687	481	AL25 22 080 V __ A	462,00	562,00	612,00
24	879	13,2	989	750	525	AL25 24 080 V __ A	490,00	590,00	640,00
26	953	14,4	1071	812	568	AL25 26 080 V __ A	518,00	618,00	668,00
28	1027	15,5	1154	875	612	AL25 28 080 V __ A	546,00	646,00	696,00
30	1101	16,6	1236	937	656	AL25 30 080 V __ A	574,00	674,00	724,00
32	1175	17,7	1318	1000	700	AL25 32 080 V __ A	602,00	702,00	752,00
33	1212	18,2	1360	1031	722	AL25 33 080 V __ A	616,00	716,00	766,00

H 1200 mm									
8	287	6,3	470	356	249	AL25 08 120 V __ A	287,75	387,75	437,75
10	361	7,9	588	445	311	AL25 10 120 V __ A	318,25	418,25	468,25
12	435	9,5	706	534	373	AL25 12 120 V __ A	348,75	448,75	498,75
14	509	11,0	823	623	436	AL25 14 120 V __ A	379,25	479,25	529,25
15	546	11,8	882	668	467	AL25 15 120 V __ A	394,50	494,50	544,50
16	583	12,6	941	712	498	AL25 16 120 V __ A	409,75	509,75	559,75
18	657	14,2	1058	801	560	AL25 18 120 V __ A	440,25	540,25	590,25
19	694	15,0	1117	846	591	AL25 19 120 V __ A	455,50	555,50	605,50
20	731	15,8	1176	891	622	AL25 20 120 V __ A	470,75	570,75	620,75
22	805	17,4	1294	980	685	AL25 22 120 V __ A	501,25	601,25	651,25
24	879	18,9	1411	1069	747	AL25 24 120 V __ A	531,75	631,75	681,75
26	953	20,5	1529	1158	809	AL25 26 120 V __ A	562,25	662,25	712,25
28	1027	22,1	1646	1247	871	AL25 28 120 V __ A	592,75	692,75	742,75
30	1101	23,7	1764	1336	933	AL25 30 120 V __ A	623,25	723,25	773,25

ALICE 25

HORIZONTAL

WARRANTY 5 YEARS



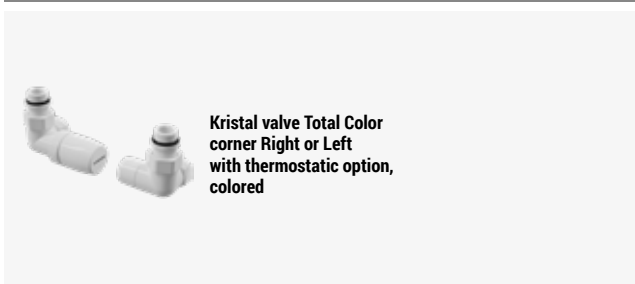
Color: H27 Rosso vivo

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,315	0,374	0,434	0,493	0,552	0,670	0,789	0,907	0,967
Water content [lt]	0,209	0,250	0,292	0,333	0,375	0,458	0,541	0,624	0,666
Element surface [m ²]	0,038	0,046	0,054	0,062	0,070	0,086	0,101	0,117	0,125
Pipe Centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	1,026	1,085	1,144	1,204	1,263	1,322	1,381	1,441	1,559
Water content [lt]	0,707	0,749	0,790	0,832	0,873	0,915	0,956	0,998	1,081
Element surface [m ²]	0,133	0,140	0,148	0,156	0,164	0,172	0,180	0,188	0,203
Pipe Centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

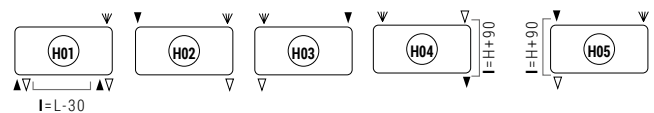
COLORS:

See color chart on pages II and III.

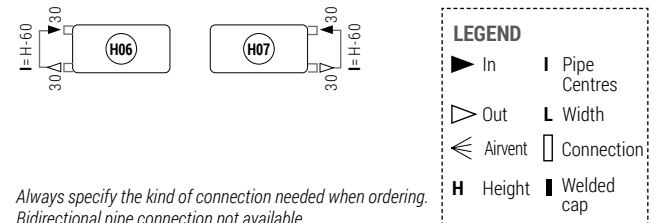
CERTIFICATES



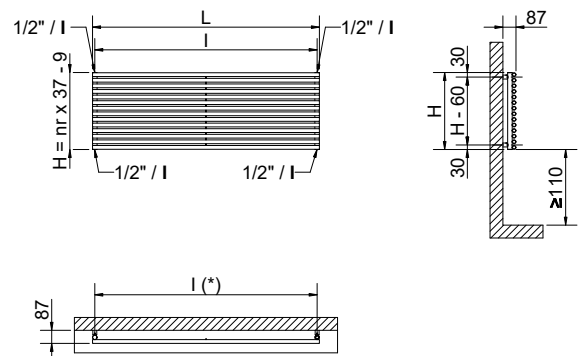
STANDARD CONNECTIONS WITHOUT SURCHARGE



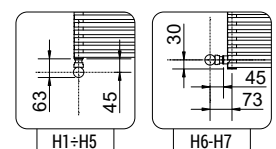
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 25

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 398 mm										
11	400	1,2117	3,5	231	176	124	AL25 11 040 H ____ A	280,00	380,00	430,00
	500	1,2117	4,1	289	221	156	AL25 11 050 H ____ A	287,00	387,00	437,00
	600	1,2117	4,8	347	265	187	AL25 11 060 H ____ A	294,00	394,00	444,00
	700	1,2117	5,4	404	308	218	AL25 11 070 H ____ A	301,00	401,00	451,00
	800	1,2117	6,1	462	353	249	AL25 11 080 H ____ A	308,00	408,00	458,00
	1000	1,2117	7,4	578	441	311	AL25 11 100 H ____ A	320,00	420,00	470,00
	1200	1,2117	8,7	693	529	373	AL25 11 120 H ____ A	333,50	433,50	483,50
	1400	1,2117	10,0	809	617	436	AL25 11 140 H ____ A	345,00	445,00	495,00
	1500	1,2117	10,6	867	662	467	AL25 11 150 H ____ A	352,00	452,00	502,00
	1600	1,2117	11,3	924	705	498	AL25 11 160 H ____ A	359,00	459,00	509,00
	1700	1,2117	11,9	982	749	529	AL25 11 170 H ____ A	375,00	475,00	525,00
	1800	1,2117	12,6	1040	794	560	AL25 11 180 H ____ A	381,00	481,00	531,00
	1900	1,2117	13,2	1098	838	591	AL25 11 190 H ____ A	385,00	485,00	535,00
	2000	1,2117	13,9	1155	881	622	AL25 11 200 H ____ A	403,00	503,00	553,00
	2100	1,2117	14,5	1213	926	653	AL25 11 210 H ____ A	427,00	527,00	577,00
	2200	1,2117	15,2	1271	970	684	AL25 11 220 H ____ A	436,00	536,00	586,00
	2300	1,2117	15,9	1329	1014	716	AL25 11 230 H ____ A	446,00	546,00	596,00
	2500	1,2117	17,1	1444	1102	778	AL25 11 250 H ____ A	456,00	556,00	606,00
H 435 mm										
12	400	1,2141	3,8	251	191	135	AL25 12 040 H ____ A	290,00	390,00	440,00
	500	1,2141	4,5	314	239	169	AL25 12 050 H ____ A	298,00	398,00	448,00
	600	1,2141	5,2	377	288	203	AL25 12 060 H ____ A	306,00	406,00	456,00
	700	1,2141	5,9	439	335	236	AL25 12 070 H ____ A	314,00	414,00	464,00
	800	1,2141	6,6	502	383	270	AL25 12 080 H ____ A	322,00	422,00	472,00
	1000	1,2141	8,0	628	479	338	AL25 12 100 H ____ A	335,00	435,00	485,00
	1200	1,2141	9,5	753	574	405	AL25 12 120 H ____ A	348,75	448,75	498,75
	1400	1,2141	10,9	879	670	473	AL25 12 140 H ____ A	361,00	461,00	511,00
	1500	1,2141	11,6	942	718	507	AL25 12 150 H ____ A	369,00	469,00	519,00
	1600	1,2141	12,3	1004	766	540	AL25 12 160 H ____ A	377,00	477,00	527,00
	1700	1,2141	13,0	1067	814	574	AL25 12 170 H ____ A	395,00	495,00	545,00
	1800	1,2141	13,7	1130	862	608	AL25 12 180 H ____ A	401,50	501,50	551,50
	1900	1,2141	14,4	1193	910	642	AL25 12 190 H ____ A	406,00	506,00	556,00
	2000	1,2141	15,2	1255	957	675	AL25 12 200 H ____ A	425,00	525,00	575,00
	2100	1,2141	15,9	1318	1005	709	AL25 12 210 H ____ A	452,00	552,00	602,00
	2200	1,2141	16,6	1381	1053	743	AL25 12 220 H ____ A	462,00	562,00	612,00
	2300	1,2141	17,3	1444	1101	777	AL25 12 230 H ____ A	473,00	573,00	623,00
	2500	1,2141	18,7	1569	1197	844	AL25 12 250 H ____ A	484,00	584,00	634,00
H 509 mm										
14	400	1,2191	4,4	290	221	156	AL25 14 040 H ____ A	310,00	410,00	460,00
	500	1,2191	5,2	363	277	195	AL25 14 050 H ____ A	320,00	420,00	470,00
	600	1,2191	6,1	436	332	234	AL25 14 060 H ____ A	330,00	430,00	480,00
	700	1,2191	6,9	508	387	273	AL25 14 070 H ____ A	340,00	440,00	490,00
	800	1,2191	7,7	581	443	312	AL25 14 080 H ____ A	350,00	450,00	500,00
	1000	1,2191	9,4	726	553	389	AL25 14 100 H ____ A	365,00	465,00	515,00
	1200	1,2191	11,0	871	664	467	AL25 14 120 H ____ A	379,25	479,25	529,25
	1400	1,2191	12,7	1017	775	546	AL25 14 140 H ____ A	393,00	493,00	543,00
	1500	1,2191	13,5	1089	830	584	AL25 14 150 H ____ A	403,00	503,00	553,00
	1600	1,2191	14,4	1162	885	623	AL25 14 160 H ____ A	413,00	513,00	563,00
	1700	1,2191	15,2	1235	941	663	AL25 14 170 H ____ A	435,00	535,00	585,00
	1800	1,2191	16,0	1307	996	701	AL25 14 180 H ____ A	442,50	542,50	592,50
	1900	1,2191	16,9	1380	1051	740	AL25 14 190 H ____ A	448,00	548,00	598,00
	2000	1,2191	17,7	1452	1106	779	AL25 14 200 H ____ A	469,00	569,00	619,00
	2100	1,2191	18,5	1525	1162	818	AL25 14 210 H ____ A	502,00	602,00	652,00
	2200	1,2191	19,3	1598	1217	857	AL25 14 220 H ____ A	514,00	614,00	664,00
	2300	1,2191	20,2	1670	1272	896	AL25 14 230 H ____ A	527,00	627,00	677,00
	2500	1,2191	21,8	1816	1383	974	AL25 14 250 H ____ A	540,00	640,00	690,00

ALICE 25

HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 583 mm										
16	400	1,2240	5,0	329	250	176	AL25 16 040 H _ _ _ A	330,00	430,00	480,00
	500	1,2240	6,0	411	313	220	AL25 16 050 H _ _ _ A	342,00	442,00	492,00
	600	1,2240	6,9	494	376	264	AL25 16 060 H _ _ _ A	354,00	454,00	504,00
	700	1,2240	7,9	576	438	308	AL25 16 070 H _ _ _ A	366,00	466,00	516,00
	800	1,2240	8,8	658	501	352	AL25 16 080 H _ _ _ A	378,00	478,00	528,00
	1000	1,2240	10,7	823	626	440	AL25 16 100 H _ _ _ A	395,00	495,00	545,00
	1200	1,2240	12,6	987	751	528	AL25 16 120 H _ _ _ A	409,75	509,75	559,75
	1400	1,2240	14,5	1152	877	616	AL25 16 140 H _ _ _ A	425,00	525,00	575,00
	1500	1,2240	15,5	1234	939	660	AL25 16 150 H _ _ _ A	437,00	537,00	587,00
	1600	1,2240	16,4	1317	1002	705	AL25 16 160 H _ _ _ A	449,00	549,00	599,00
	1700	1,2240	17,4	1399	1065	749	AL25 16 170 H _ _ _ A	475,00	575,00	625,00
	1800	1,2240	18,3	1481	1127	793	AL25 16 180 H _ _ _ A	483,50	583,50	633,50
	1900	1,2240	19,3	1564	1190	837	AL25 16 190 H _ _ _ A	490,00	590,00	640,00
	2000	1,2240	20,2	1646	1253	881	AL25 16 200 H _ _ _ A	513,00	613,00	663,00
	2100	1,2240	21,2	1728	1315	925	AL25 16 210 H _ _ _ A	552,00	652,00	702,00
	2200	1,2240	22,1	1810	1377	969	AL25 16 220 H _ _ _ A	566,00	666,00	716,00
	2300	1,2240	23,1	1893	1441	1013	AL25 16 230 H _ _ _ A	581,00	681,00	731,00
	2500	1,2240	24,9	2057	1565	1101	AL25 16 250 H _ _ _ A	596,00	696,00	746,00
H 620 mm										
17	400	1,2265	5,4	348	265	186	AL25 17 040 H _ _ _ A	340,00	440,00	490,00
	500	1,2265	6,4	435	331	232	AL25 17 050 H _ _ _ A	353,00	453,00	503,00
	600	1,2265	7,4	522	397	279	AL25 17 060 H _ _ _ A	366,00	466,00	516,00
	700	1,2265	8,4	609	463	325	AL25 17 070 H _ _ _ A	379,00	479,00	529,00
	800	1,2265	9,4	696	529	372	AL25 17 080 H _ _ _ A	392,00	492,00	542,00
	1000	1,2265	11,4	871	662	466	AL25 17 100 H _ _ _ A	410,00	510,00	560,00
	1200	1,2265	13,4	1045	795	558	AL25 17 120 H _ _ _ A	425,00	525,00	575,00
	1400	1,2265	15,4	1219	927	651	AL25 17 140 H _ _ _ A	441,00	541,00	591,00
	1500	1,2265	16,4	1306	993	698	AL25 17 150 H _ _ _ A	454,00	554,00	604,00
	1600	1,2265	17,4	1393	1059	744	AL25 17 160 H _ _ _ A	467,00	567,00	617,00
	1700	1,2265	18,4	1480	1126	791	AL25 17 170 H _ _ _ A	495,00	595,00	645,00
	1800	1,2265	19,4	1567	1192	837	AL25 17 180 H _ _ _ A	504,00	604,00	654,00
	1900	1,2265	20,5	1654	1258	884	AL25 17 190 H _ _ _ A	511,00	611,00	661,00
	2000	1,2265	21,5	1741	1324	930	AL25 17 200 H _ _ _ A	535,00	635,00	685,00
	2100	1,2265	22,5	1828	1390	977	AL25 17 210 H _ _ _ A	577,00	677,00	727,00
	2200	1,2265	23,5	1915	1456	1023	AL25 17 220 H _ _ _ A	592,00	692,00	742,00
	2300	1,2265	24,5	2002	1523	1070	AL25 17 230 H _ _ _ A	608,00	708,00	758,00
	2500	1,2265	26,5	2177	1656	1163	AL25 17 250 H _ _ _ A	624,00	724,00	774,00
H 694 mm										
19	400	1,2285	6,0	386	293	206	AL25 19 040 H _ _ _ A	360,00	460,00	510,00
	500	1,2285	7,1	482	366	257	AL25 19 050 H _ _ _ A	375,00	475,00	525,00
	600	1,2285	8,2	579	440	309	AL25 19 060 H _ _ _ A	390,00	490,00	540,00
	700	1,2285	9,4	675	513	360	AL25 19 070 H _ _ _ A	405,00	505,00	555,00
	800	1,2285	10,5	772	587	412	AL25 19 080 H _ _ _ A	420,00	520,00	570,00
	1000	1,2285	12,7	965	734	515	AL25 19 100 H _ _ _ A	440,00	540,00	590,00
	1200	1,2285	15,0	1158	880	618	AL25 19 120 H _ _ _ A	455,50	555,50	605,50
	1400	1,2285	17,2	1351	1027	721	AL25 19 140 H _ _ _ A	473,00	573,00	623,00
	1500	1,2285	18,4	1447	1100	773	AL25 19 150 H _ _ _ A	488,00	588,00	638,00
	1600	1,2285	19,5	1544	1174	824	AL25 19 160 H _ _ _ A	503,00	603,00	653,00
	1700	1,2285	20,6	1640	1247	876	AL25 19 170 H _ _ _ A	535,00	635,00	685,00
	1800	1,2285	21,7	1736	1320	927	AL25 19 180 H _ _ _ A	545,00	645,00	695,00
	1900	1,2285	22,9	1833	1394	979	AL25 19 190 H _ _ _ A	553,00	653,00	703,00
	2000	1,2285	24,0	1929	1466	1030	AL25 19 200 H _ _ _ A	579,00	679,00	729,00
	2100	1,2285	25,1	2026	1540	1082	AL25 19 210 H _ _ _ A	627,00	727,00	777,00
	2200	1,2285	26,2	2122	1613	1133	AL25 19 220 H _ _ _ A	644,00	744,00	794,00
	2300	1,2285	27,4	2219	1687	1185	AL25 19 230 H _ _ _ A	662,00	762,00	812,00
	2500	1,2285	29,6	2412	1834	1288	AL25 19 250 H _ _ _ A	680,00	780,00	830,00

HOW TO ORDER THE ALICE 25 HORIZONTAL RADIATOR

Radiator model E.g.: Alice 25 horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
AL25	12	120	H04	R01	A

Example of article code creation

AL25 ALICE 25 HORIZONTAL
 12 12 Elements
 120 Width 1200 mm
 H04 Connection H04 (see product page)
 R01 Color R01 - White (see color chart)
 A Constant value

AL25 12 120 H04 R01 A

ALICE 25

TANDEM VERTICAL

WARRANTY 5 YEARS



Color: RAL 9001 - R 14 Cream

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 25 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

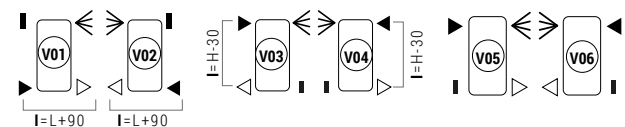
COLORS:

See color chart on pages II and III.

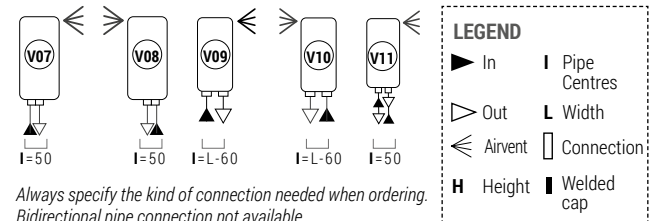
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)



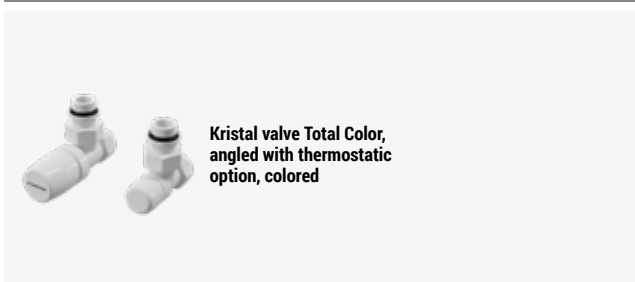
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

Height H [mm]	400	500	530	600	630	700	800	830	930	1000	1200
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	34,7	42	44,1	49	51,1	55,9	62,7	64,7	71,4	76	89,2
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	18,2	21,9	23	25,6	26,7	29,2	32,7	33,7	37,1	39,5	46,2
Dry Weight per element [kg]	0,537	0,656	0,691	0,774	0,810	0,892	1,011	1,047	1,165	1,248	1,485
Water content [lt]	0,377	0,460	0,485	0,543	0,568	0,626	0,709	0,734	0,817	0,875	1,041
Element surface [m ²]	0,070	0,086	0,090	0,101	0,106	0,117	0,133	0,137	0,153	0,164	0,195
Exponent n	1,2668	1,2691	1,2698	1,2714	1,2721	1,2737	1,2760	1,2767	1,2790	1,2807	1,2878
Pipe Centres I [mm] (V3-V4 only)	370	470	500	570	600	670	770	800	900	970	1170

For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50 \times$ (Desired $\Delta T/50$)ⁿ**

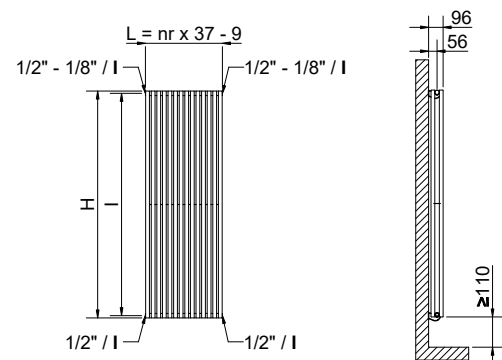
Height H [mm]	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	102,1	108,6	115	121,4	127,8	134,2	140,6	146,9	153,3	159,7	172,5
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	52,7	55,9	59,1	62,4	65,6	68,8	72	75,2	78,4	82,5	88,7
Dry Weight per element [kg]	1,722	1,840	1,959	2,077	2,196	2,314	2,433	2,551	2,670	2,788	3,025
Water content [lt]	1,208	1,291	1,374	1,457	1,540	1,623	1,706	1,789	1,872	1,955	2,122
Element surface [m ²]	0,227	0,243	0,258	0,274	0,290	0,305	0,321	0,337	0,353	0,368	0,400
Exponent n	1,2949	1,2984	1,3020	1,3036	1,3052	1,3069	1,3085	1,3102	1,3118	1,3134	1,3151
Pipe Centres I [mm] (V3-V4 only)	1370	1470	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES

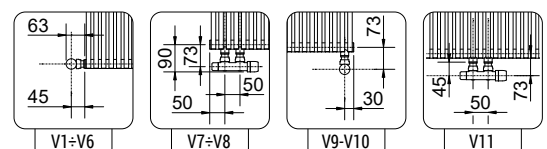


Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.



Quotes for Kristal valves



ALICE 25

TANDEM HORIZONTAL

WARRANTY 5 YEARS



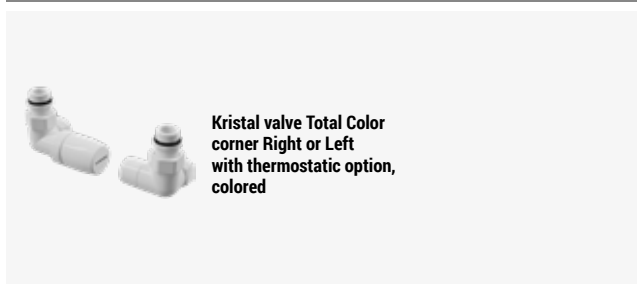
Color: RAL 8017 - R09 Dark brown

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per element [kg]	0,537	0,656	0,774	0,892	1,011	1,248	1,485	1,722	1,840
Water content [lt]	0,377	0,460	0,543	0,626	0,709	0,875	1,041	1,208	1,291
Element surface [m ²]	0,070	0,086	0,101	0,117	0,133	0,164	0,195	0,227	0,243
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ**

Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per element [kg]	1,959	2,077	2,196	2,314	2,433	2,551	2,670	2,788	3,025
Water content [lt]	1,374	1,457	1,540	1,623	1,706	1,789	1,872	1,955	2,122
Element surface [m ²]	0,258	0,274	0,290	0,305	0,321	0,337	0,353	0,368	0,400
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 25 mm double horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

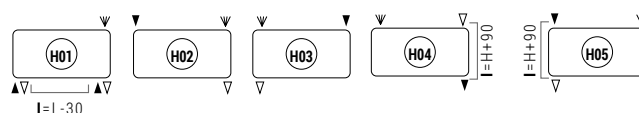
COLORS:

See color chart on pages II and III.

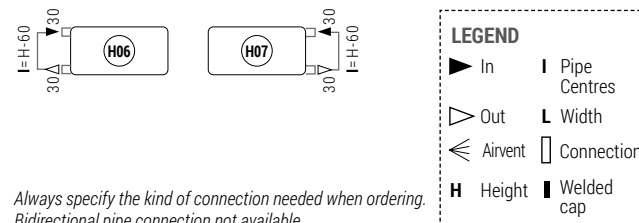
CERTIFICATES



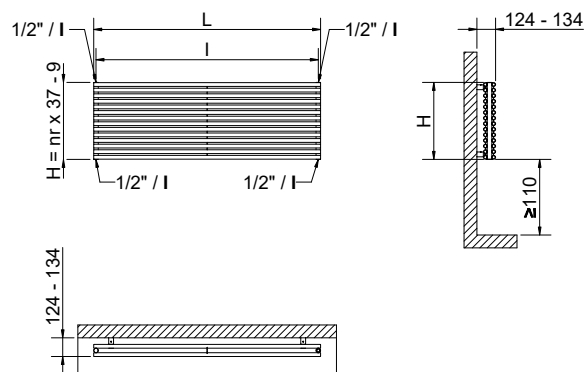
STANDARD CONNECTIONS WITHOUT SURCHARGE



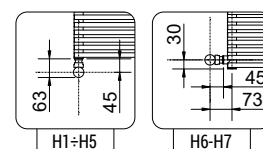
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ALICE 25

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 398 mm										
11	400	1,2252	5,9	367	279	196	AT25 11 040 H _ _ _ A	382,00	482,00	532,00
	500	1,2252	7,2	459	349	245	AT25 11 050 H _ _ _ A	386,00	486,00	536,00
	600	1,2252	8,5	551	419	295	AT25 11 060 H _ _ _ A	397,00	497,00	547,00
	700	1,2252	9,8	642	488	343	AT25 11 070 H _ _ _ A	424,00	524,00	574,00
	800	1,2252	11,1	734	558	393	AT25 11 080 H _ _ _ A	430,00	530,00	580,00
	1000	1,2252	13,7	918	698	491	AT25 11 100 H _ _ _ A	457,00	557,00	607,00
	1200	1,2252	16,3	1101	838	589	AT25 11 120 H _ _ _ A	466,00	566,00	616,00
	1400	1,2252	18,9	1285	978	687	AT25 11 140 H _ _ _ A	475,00	575,00	625,00
	1500	1,2252	20,2	1377	1048	736	AT25 11 150 H _ _ _ A	501,00	601,00	651,00
	1600	1,2252	21,5	1468	1117	785	AT25 11 160 H _ _ _ A	516,00	616,00	666,00
	1700	1,2252	22,8	1560	1187	834	AT25 11 170 H _ _ _ A	523,00	623,00	673,00
	1800	1,2252	24,2	1652	1257	883	AT25 11 180 H _ _ _ A	532,00	632,00	682,00
	1900	1,2252	25,5	1744	1327	933	AT25 11 190 H _ _ _ A	562,00	662,00	712,00
	2000	1,2252	26,8	1835	1396	981	AT25 11 200 H _ _ _ A	583,00	683,00	733,00
	2100	1,2252	28,1	1927	1466	1031	AT25 11 210 H _ _ _ A	663,00	763,00	813,00
	2200	1,2252	29,4	2019	1536	1080	AT25 11 220 H _ _ _ A	681,00	781,00	831,00
	2300	1,2252	30,7	2111	1606	1129	AT25 11 230 H _ _ _ A	713,00	813,00	863,00
	2500	1,2252	33,3	2294	1745	1227	AT25 11 250 H _ _ _ A	726,00	826,00	876,00
H 435 mm										
12	400	1,2290	6,4	396	301	211	AT25 12 040 H _ _ _ A	397,00	497,00	547,00
	500	1,2290	7,9	495	376	264	AT25 12 050 H _ _ _ A	401,50	501,50	551,50
	600	1,2290	9,3	594	452	317	AT25 12 060 H _ _ _ A	413,50	513,50	563,50
	700	1,2290	10,7	693	527	370	AT25 12 070 H _ _ _ A	441,50	541,50	591,50
	800	1,2290	12,1	792	602	423	AT25 12 080 H _ _ _ A	448,00	548,00	598,00
	1000	1,2290	15,0	990	753	528	AT25 12 100 H _ _ _ A	477,00	577,00	627,00
	1200	1,2290	17,8	1188	903	634	AT25 12 120 H _ _ _ A	487,00	587,00	637,00
	1400	1,2290	20,7	1386	1054	740	AT25 12 140 H _ _ _ A	497,00	597,00	647,00
	1500	1,2290	22,1	1485	1129	793	AT25 12 150 H _ _ _ A	524,00	624,00	674,00
	1600	1,2290	23,5	1584	1204	845	AT25 12 160 H _ _ _ A	539,50	639,50	689,50
	1700	1,2290	24,9	1683	1279	898	AT25 12 170 H _ _ _ A	547,00	647,00	697,00
	1800	1,2290	26,4	1782	1355	951	AT25 12 180 H _ _ _ A	556,50	656,50	706,50
	1900	1,2290	27,8	1881	1430	1004	AT25 12 190 H _ _ _ A	587,00	687,00	737,00
	2000	1,2290	29,2	1980	1505	1057	AT25 12 200 H _ _ _ A	609,00	709,00	759,00
	2100	1,2290	30,6	2079	1580	1110	AT25 12 210 H _ _ _ A	693,00	793,00	843,00
	2200	1,2290	32,0	2178	1656	1163	AT25 12 220 H _ _ _ A	712,00	812,00	862,00
	2300	1,2290	33,5	2277	1731	1215	AT25 12 230 H _ _ _ A	745,00	845,00	895,00
	2500	1,2290	36,3	2475	1881	1321	AT25 12 250 H _ _ _ A	759,00	859,00	909,00
H 509 mm										
14	400	1,2366	7,5	451	342	240	AT25 14 040 H _ _ _ A	427,00	527,00	577,00
	500	1,2366	9,2	564	428	300	AT25 14 050 H _ _ _ A	432,50	532,50	582,50
	600	1,2366	10,8	677	514	360	AT25 14 060 H _ _ _ A	446,50	546,50	596,50
	700	1,2366	12,5	790	599	420	AT25 14 070 H _ _ _ A	476,50	576,50	626,50
	800	1,2366	14,2	903	685	480	AT25 14 080 H _ _ _ A	484,00	584,00	634,00
	1000	1,2366	17,5	1129	857	600	AT25 14 100 H _ _ _ A	517,00	617,00	667,00
	1200	1,2366	20,8	1354	1027	720	AT25 14 120 H _ _ _ A	529,00	629,00	679,00
	1400	1,2366	24,1	1580	1199	840	AT25 14 140 H _ _ _ A	541,00	641,00	691,00
	1500	1,2366	25,8	1693	1285	900	AT25 14 150 H _ _ _ A	570,00	670,00	720,00
	1600	1,2366	27,4	1806	1370	960	AT25 14 160 H _ _ _ A	586,50	686,50	736,50
	1700	1,2366	29,1	1918	1455	1020	AT25 14 170 H _ _ _ A	595,00	695,00	745,00
	1800	1,2366	30,7	2031	1541	1080	AT25 14 180 H _ _ _ A	605,50	705,50	755,50
	1900	1,2366	32,4	2144	1627	1140	AT25 14 190 H _ _ _ A	637,00	737,00	787,00
	2000	1,2366	34,1	2257	1713	1200	AT25 14 200 H _ _ _ A	661,00	761,00	811,00
	2100	1,2366	35,7	2370	1798	1260	AT25 14 210 H _ _ _ A	753,00	853,00	903,00
	2200	1,2366	37,4	2483	1884	1320	AT25 14 220 H _ _ _ A	774,00	874,00	924,00
	2300	1,2366	39,0	2596	1970	1380	AT25 14 230 H _ _ _ A	809,00	909,00	959,00
	2500	1,2366	42,4	2821	2141	1500	AT25 14 250 H _ _ _ A	825,00	925,00	975,00

ALICE 25

TANDEM HORIZONTAL

Thermal output								Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 583 mm										
16	400	1,2441	8,6	504	382	267	AT25 16 040 H ___ A	457,00	557,00	607,00
	500	1,2441	10,5	630	477	334	AT25 16 050 H ___ A	463,50	563,50	613,50
	600	1,2441	12,4	756	573	400	AT25 16 060 H ___ A	479,50	579,50	629,50
	700	1,2441	14,3	881	667	467	AT25 16 070 H ___ A	511,50	611,50	661,50
	800	1,2441	16,2	1007	763	533	AT25 16 080 H ___ A	520,00	620,00	670,00
	1000	1,2441	20,0	1259	954	667	AT25 16 100 H ___ A	557,00	657,00	707,00
	1200	1,2441	23,8	1511	1145	800	AT25 16 120 H ___ A	571,00	671,00	721,00
	1400	1,2441	27,6	1763	1336	934	AT25 16 140 H ___ A	585,00	685,00	735,00
	1500	1,2441	29,4	1889	1431	1001	AT25 16 150 H ___ A	616,00	716,00	766,00
	1600	1,2441	31,3	2015	1527	1067	AT25 16 160 H ___ A	616,00	716,00	766,00
	1700	1,2441	33,2	2141	1622	1134	AT25 16 170 H ___ A	643,00	743,00	793,00
	1800	1,2441	35,1	2267	1717	1201	AT25 16 180 H ___ A	654,50	754,50	804,50
	1900	1,2441	37,0	2392	1812	1267	AT25 16 190 H ___ A	687,00	787,00	837,00
	2000	1,2441	38,9	2518	1908	1334	AT25 16 200 H ___ A	713,00	813,00	863,00
	2100	1,2441	40,8	2644	2003	1400	AT25 16 210 H ___ A	813,00	913,00	963,00
	2200	1,2441	42,7	2770	2099	1467	AT25 16 220 H ___ A	836,00	936,00	986,00
	2300	1,2441	44,6	2896	2194	1534	AT25 16 230 H ___ A	873,00	973,00	1.023,00
	2500	1,2441	48,4	3148	2385	1667	AT25 16 250 H ___ A	891,00	991,00	1.041,00
H 620 mm										
17	400	1,2479	9,1	529	400	280	AT25 17 040 H ___ A	472,00	572,00	622,00
	500	1,2479	11,2	661	500	349	AT25 17 050 H ___ A	479,00	579,00	629,00
	600	1,2479	13,2	793	600	419	AT25 17 060 H ___ A	496,00	596,00	646,00
	700	1,2479	15,2	925	700	489	AT25 17 070 H ___ A	529,00	629,00	679,00
	800	1,2479	17,2	1057	800	559	AT25 17 080 H ___ A	538,00	638,00	688,00
	1000	1,2479	21,2	1322	1001	699	AT25 17 100 H ___ A	577,00	677,00	727,00
	1200	1,2479	25,2	1586	1201	838	AT25 17 120 H ___ A	592,00	692,00	742,00
	1400	1,2479	29,3	1850	1400	978	AT25 17 140 H ___ A	607,00	707,00	757,00
	1500	1,2479	31,3	1983	1501	1048	AT25 17 150 H ___ A	639,00	739,00	789,00
	1600	1,2479	33,3	2115	1601	1118	AT25 17 160 H ___ A	657,00	757,00	807,00
	1700	1,2479	35,3	2247	1701	1188	AT25 17 170 H ___ A	667,00	767,00	817,00
	1800	1,2479	37,3	2379	1801	1258	AT25 17 180 H ___ A	679,00	779,00	829,00
	1900	1,2479	39,3	2511	1901	1327	AT25 17 190 H ___ A	712,00	812,00	862,00
	2000	1,2479	41,4	2643	2001	1397	AT25 17 200 H ___ A	739,00	839,00	889,00
	2100	1,2479	43,4	2776	2101	1467	AT25 17 210 H ___ A	843,00	943,00	993,00
	2200	1,2479	45,4	2908	2201	1537	AT25 17 220 H ___ A	867,00	967,00	1.017,00
	2300	1,2479	47,4	3040	2301	1607	AT25 17 230 H ___ A	905,00	1.005,00	1.055,00
	2500	1,2479	51,4	3304	2501	1747	AT25 17 250 H ___ A	924,00	1.024,00	1.074,00
H 694 mm										
19	400	1,2514	10,2	577	436	304	AT25 19 040 H ___ A	502,00	602,00	652,00
	500	1,2514	12,5	721	545	380	AT25 19 050 H ___ A	510,00	610,00	660,00
	600	1,2514	14,7	865	654	456	AT25 19 060 H ___ A	529,00	629,00	679,00
	700	1,2514	16,9	1009	763	532	AT25 19 070 H ___ A	564,00	664,00	714,00
	800	1,2514	19,2	1153	872	608	AT25 19 080 H ___ A	574,00	674,00	724,00
	1000	1,2514	23,7	1441	1090	760	AT25 19 100 H ___ A	617,00	717,00	767,00
	1200	1,2514	28,2	1730	1308	913	AT25 19 120 H ___ A	634,00	734,00	784,00
	1400	1,2514	32,7	2018	1526	1065	AT25 19 140 H ___ A	651,00	751,00	801,00
	1500	1,2514	35,0	2162	1635	1141	AT25 19 150 H ___ A	685,00	785,00	835,00
	1600	1,2514	37,2	2306	1744	1217	AT25 19 160 H ___ A	704,00	804,00	854,00
	1700	1,2514	39,5	2450	1853	1293	AT25 19 170 H ___ A	715,00	815,00	865,00
	1800	1,2514	41,7	2594	1962	1369	AT25 19 180 H ___ A	728,00	828,00	878,00
	1900	1,2514	44,0	2738	2071	1445	AT25 19 190 H ___ A	762,00	862,00	912,00
	2000	1,2514	46,2	2883	2181	1521	AT25 19 200 H ___ A	791,00	891,00	941,00
	2100	1,2514	48,5	3027	2289	1597	AT25 19 210 H ___ A	903,00	1.003,00	1.053,00
	2200	1,2514	50,7	3171	2398	1673	AT25 19 220 H ___ A	929,00	1.029,00	1.079,00
	2300	1,2514	53,0	3315	2507	1749	AT25 19 230 H ___ A	969,00	1.069,00	1.119,00
	2500	1,2514	57,5	3603	2725	1901	AT25 19 250 H ___ A	990,00	1.090,00	1.140,00

HOW TO ORDER THE ALICE 25 TANDEM HORIZONTAL RADIATOR

Radiator model E.g. Alice 25 tandem horizontal	Nr of Elements E.g. 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
AT25	12	120	H04	R01	A

Example of article code creation

AT25 ... ALICE TANDEM 25 Horizontal
 12 12 Elements
 120 width 1200 mm
 H04 connection H04 (see product page)
 R01 color R01 - White (see color chart)
 A Constant value

AT25 12 120 H04 R01 A

ARIANNA

TANDEM

WARRANTY 5 YEARS



archiproducts
DESIGN AWARDS
WINNER 2017

GERMAN
DESIGN AWARD
SPECIAL
2019

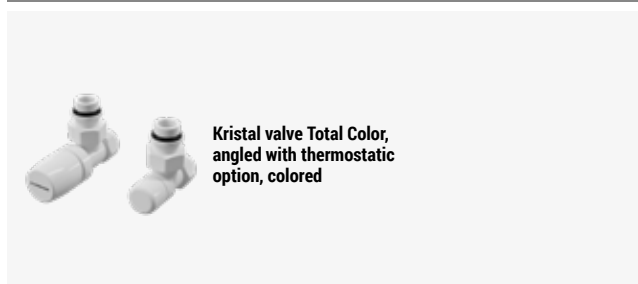
Color: F07 Silver effect

Height H [mm]	330	380	430	474	530	574	630	724	780
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	44,5	50,1	55,5	60,2	66,1	70,7	76,4	86	91,7
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	23,5	26,3	29,2	31,6	34,6	37	40	44,9	47,8
Dry Weight per element [kg]	0,838	0,947	1,056	1,129	1,274	1,347	1,492	1,674	1,819
Water content [lt]	0,721	0,821	0,92	1,011	1,119	1,21	1,318	1,508	1,617
Element surface [m ²]	0,089	1,01	0,113	0,124	0,137	0,148	0,161	0,183	0,197
Exponent n	1,2541	1,2565	1,2589	1,2611	1,2638	1,2660	1,2686	1,2731	1,2758
Pipe Centres I [mm] (V3-V4 only)	300	350	400	444	500	544	600	694	750

For output at different Δt , please refer to the following formula: $\text{desired output} = \text{output at } \Delta t 50 \times (\text{Desired } \Delta t / 50)^n$

Height H [mm]	830	874	930	1030	1774	1830	1974	2030
Therm. output per el. $\Delta t = 50^\circ\text{C}$ [Watt]	96,7	101,1	106,7	116,6	190	195,5	209,9	215,5
Therm. output per el. $\Delta t = 30^\circ\text{C}$ [Watt]	50,3	52,6	55,5	60,7	98,7	101,6	109,1	112,1
Dry Weight per element [kg]	1,928	2,001	2,146	2,364	3,963	4,108	4,399	4,544
Water content [lt]	1,716	1,807	1,916	2,115	3,599	3,707	3,997	4,105
Element surface [m ²]	0,209	0,219	0,233	0,256	0,434	0,447	0,482	0,495
Exponent n	1,2782	1,2785	1,2787	1,2792	1,2828	1,2822	1,2804	1,2797
Pipe Centres I [mm] (V3-V4 only)	800	844	900	1000	1744	1800	1944	2000

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- Ø 38 mm double vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

COLORS:

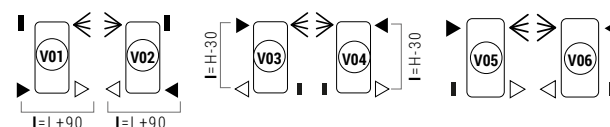
See color chart on pages II and III.

CERTIFICATES

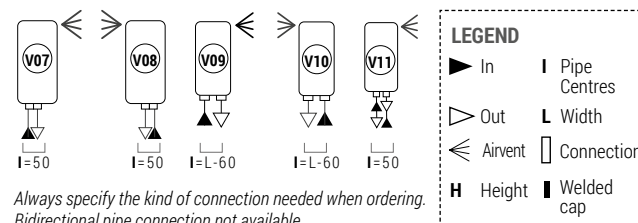


EN 442-1
RADIATORS AND CONVECTORS

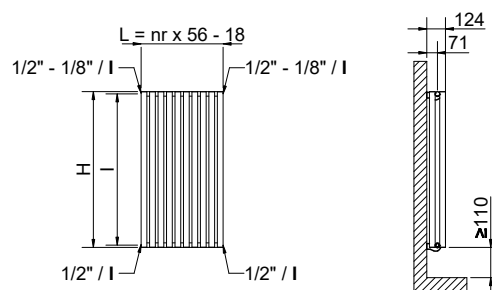
STANDARD CONNECTIONS WITHOUT SURCHARGE



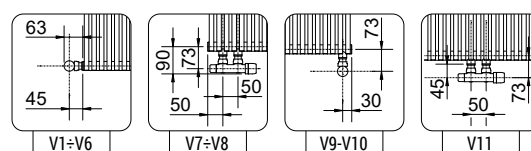
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



ARIANNA

TANDEM

							Price [€]		
Elements	Width	Dry Weight	Thermal output			Art. nr.			
			Δt 50°C	Δt 40°C	Δt 30°C		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]	[Watt]						
H 530 mm									
9	486	11,5	595	449	312	AT38 09 053 V __ A	458,00	558,00	608,00
10	542	12,7	661	499	347	AT38 10 053 V __ A	504,00	604,00	654,00
11	598	14,0	727	548	381	AT38 11 053 V __ A	550,00	650,00	700,00
12	654	15,3	793	598	416	AT38 12 053 V __ A	596,00	696,00	746,00
13	710	16,6	859	648	451	AT38 13 053 V __ A	642,00	742,00	792,00
14	766	17,8	925	698	485	AT38 14 053 V __ A	688,00	788,00	838,00
15	822	19,1	992	748	520	AT38 15 053 V __ A	734,00	834,00	884,00
16	878	20,4	1058	798	555	AT38 16 053 V __ A	780,00	880,00	930,00
17	934	21,7	1124	848	589	AT38 17 053 V __ A	826,00	926,00	976,00
18	990	22,9	1190	897	624	AT38 18 053 V __ A	872,00	972,00	1.022,00
19	1046	24,2	1256	947	659	AT38 19 053 V __ A	918,00	1.018,00	1.068,00
20	1102	25,5	1322	997	693	AT38 20 053 V __ A	964,00	1.064,00	1.114,00
21	1158	26,8	1388	1047	728	AT38 21 053 V __ A	1.010,00	1.110,00	1.160,00
22	1214	28,0	1454	1097	763	AT38 22 053 V __ A	1.056,00	1.156,00	1.206,00
23	1270	29,3	1520	1147	797	AT38 23 053 V __ A	1.102,00	1.202,00	1.252,00
24	1326	30,6	1586	1197	832	AT38 24 053 V __ A	1.148,00	1.248,00	1.298,00
25	1382	31,9	1653	1246	867	AT38 25 053 V __ A	1.194,00	1.294,00	1.344,00

H 630 mm									
9	486	13,4	688	518	360	AT38 09 063 V ___ A	467,00	567,00	617,00
10	542	14,9	764	576	400	AT38 10 063 V ___ A	515,00	615,00	665,00
11	598	16,4	840	633	440	AT38 11 063 V ___ A	563,00	663,00	713,00
12	654	17,9	917	691	480	AT38 12 063 V ___ A	611,00	711,00	761,00
13	710	19,4	993	748	520	AT38 13 063 V ___ A	659,00	759,00	809,00
14	766	20,9	1070	806	559	AT38 14 063 V ___ A	707,00	807,00	857,00
15	822	22,4	1146	863	599	AT38 15 063 V ___ A	755,00	855,00	905,00
16	878	23,9	1222	921	639	AT38 16 063 V ___ A	803,00	903,00	953,00
17	934	25,4	1299	979	679	AT38 17 063 V ___ A	851,00	951,00	1.001,00
18	990	26,9	1375	1036	719	AT38 18 063 V ___ A	899,00	999,00	1.049,00
19	1046	28,3	1452	1094	759	AT38 19 063 V ___ A	947,00	1.047,00	1.097,00
20	1102	29,8	1528	1151	799	AT38 20 063 V ___ A	995,00	1.095,00	1.145,00
21	1158	31,3	1604	1209	839	AT38 21 063 V ___ A	1.043,00	1.143,00	1.193,00
22	1214	32,8	1681	1266	879	AT38 22 063 V ___ A	1.091,00	1.191,00	1.241,00
23	1270	34,3	1757	1324	919	AT38 23 063 V ___ A	1.139,00	1.239,00	1.289,00
24	1326	35,8	1834	1382	959	AT38 24 063 V ___ A	1.187,00	1.287,00	1.337,00
25	1382	37,3	1910	1439	999	AT38 25 063 V ___ A	1.235,00	1.335,00	1.385,00

H 830 mm									
9	486	17,4	870	654	453	AT38 09 083 V ___ A	479,00	579,00	629,00
10	542	19,3	967	727	503	AT38 10 083 V ___ A	530,00	630,00	680,00
11	598	21,2	1064	800	554	AT38 11 083 V ___ A	581,00	681,00	731,00
12	654	23,1	1160	872	604	AT38 12 083 V ___ A	632,00	732,00	782,00
13	710	25,1	1257	945	654	AT38 13 083 V ___ A	683,00	783,00	833,00
14	766	27,0	1354	1018	705	AT38 14 083 V ___ A	734,00	834,00	884,00
15	822	28,9	1451	1091	755	AT38 15 083 V ___ A	785,00	885,00	935,00
16	878	30,8	1547	1163	805	AT38 16 083 V ___ A	836,00	936,00	986,00
17	934	32,8	1644	1236	856	AT38 17 083 V ___ A	887,00	987,00	1.037,00
18	990	34,7	1741	1309	906	AT38 18 083 V ___ A	938,00	1.038,00	1.088,00
19	1046	36,6	1837	1381	956	AT38 19 083 V ___ A	989,00	1.089,00	1.139,00
20	1102	38,6	1934	1454	1007	AT38 20 083 V ___ A	1.040,00	1.140,00	1.190,00
21	1158	40,5	2031	1527	1057	AT38 21 083 V ___ A	1.091,00	1.191,00	1.241,00
22	1214	42,4	2127	1599	1107	AT38 22 083 V ___ A	1.142,00	1.242,00	1.292,00
23	1270	44,3	2224	1672	1158	AT38 23 083 V ___ A	1.193,00	1.293,00	1.343,00
24	1326	46,3	2321	1745	1208	AT38 24 083 V ___ A	1.244,00	1.344,00	1.394,00
25	1382	48,2	2418	1818	1258	AT38 25 083 V ___ A	1.295,00	1.395,00	1.445,00

HOW TO ORDER THE RADIATOR ARIANNA TANDEM

Radiator model E.g.: Arianna Tandem	Nr of Elements E.g.: 16 Elements	Height in mm Example: 1830 mm	Connection code Example: connection V02	Color code Es: T01 - Matt black	Constant value
AT38	16	183	V02	T01	A

Example of article code creation

AT38 ARIANNA TANDEM
16 16 Elements
183 Height 1830 mm
V02 connection V02 (see product page)
T01 color T01 - Matt black (see color chart)
C Constant value

The article code will be:

AT38 16 183 V02 T01 A

ARIANNA

TANDEM

Elements	Width	Dry Weight	Thermal output			Art. nr.	Price [€]		
			Δt 50°C	Δt 40°C	Δt 30°C				
			[Watt]	[Watt]	[Watt]		R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]							
H 1030 mm									
9	486	21,3	1049	789	546	AT38 09 103 V __ A	497,00	597,00	647,00
10	542	23,6	1166	876	607	AT38 10 103 V __ A	551,00	651,00	701,00
11	598	26,0	1283	964	667	AT38 11 103 V __ A	605,00	705,00	755,00
12	654	28,4	1399	1052	728	AT38 12 103 V __ A	659,00	759,00	809,00
13	710	30,7	1516	1139	789	AT38 13 103 V __ A	713,00	813,00	863,00
14	766	33,1	1632	1227	849	AT38 14 103 V __ A	767,00	867,00	917,00
15	822	35,5	1749	1315	910	AT38 15 103 V __ A	821,00	921,00	971,00
16	878	37,8	1866	1402	971	AT38 16 103 V __ A	875,00	975,00	1.025,00
17	934	40,2	1982	1490	1031	AT38 17 103 V __ A	929,00	1.029,00	1.079,00
18	990	42,6	2099	1578	1092	AT38 18 103 V __ A	983,00	1.083,00	1.133,00
19	1046	44,9	2215	1665	1153	AT38 19 103 V __ A	1.037,00	1.137,00	1.187,00
20	1102	47,3	2332	1753	1213	AT38 20 103 V __ A	1.091,00	1.191,00	1.241,00
21	1158	49,6	2449	1841	1274	AT38 21 103 V __ A	1.145,00	1.245,00	1.295,00
22	1214	52,0	2565	1928	1335	AT38 22 103 V __ A	1.199,00	1.299,00	1.349,00
23	1270	54,4	2682	2016	1395	AT38 23 103 V __ A	1.253,00	1.353,00	1.403,00
24	1326	56,7	2798	2103	1456	AT38 24 103 V __ A	1.307,00	1.407,00	1.457,00
25	1382	59,1	2915	2191	1517	AT38 25 103 V __ A	1.361,00	1.461,00	1.511,00
H 1774 mm									
6	318	23,8	1140	856	592	AT38 06 177 V __ A	405,00	505,00	555,00
7	374	27,7	1330	999	691	AT38 07 177 V __ A	474,00	574,00	624,00
8	430	31,7	1520	1142	789	AT38 08 177 V __ A	543,00	643,00	693,00
9	486	35,7	1710	1284	888	AT38 09 177 V __ A	612,00	712,00	762,00
10	542	39,6	1900	1427	987	AT38 10 177 V __ A	681,00	781,00	831,00
11	598	43,6	2090	1570	1085	AT38 11 177 V __ A	750,00	850,00	900,00
12	654	47,6	2280	1712	1184	AT38 12 177 V __ A	819,00	919,00	969,00
13	710	51,5	2470	1855	1283	AT38 13 177 V __ A	888,00	988,00	1.038,00
14	766	55,5	2660	1998	1381	AT38 14 177 V __ A	957,00	1.057,00	1.107,00
15	822	59,4	2850	2141	1480	AT38 15 177 V __ A	1.026,00	1.126,00	1.176,00
H 1830 mm									
6	318	24,6	1173	881	609	AT38 06 183 V __ A	416,00	516,00	566,00
7	374	28,8	1369	1028	711	AT38 07 183 V __ A	486,00	586,00	636,00
8	430	32,9	1564	1175	812	AT38 08 183 V __ A	556,00	656,00	706,00
9	486	37,0	1760	1322	914	AT38 09 183 V __ A	626,00	726,00	776,00
10	542	41,1	1955	1469	1016	AT38 10 183 V __ A	696,00	796,00	846,00
11	598	45,2	2151	1615	1117	AT38 11 183 V __ A	766,00	866,00	916,00
12	654	49,3	2346	1762	1219	AT38 12 183 V __ A	836,00	936,00	986,00
13	710	53,4	2542	1909	1320	AT38 13 183 V __ A	906,00	1.006,00	1.056,00
14	766	57,5	2737	2056	1422	AT38 14 183 V __ A	976,00	1.076,00	1.126,00
15	822	61,6	2933	2203	1523	AT38 15 183 V __ A	1.046,00	1.146,00	1.196,00
H 1974 mm									
6	318	27,3	1259	946	655	AT38 06 197 V __ A	443,00	543,00	593,00
7	374	31,8	1469	1104	764	AT38 07 197 V __ A	516,00	616,00	666,00
8	430	36,4	1679	1262	873	AT38 08 197 V __ A	589,00	689,00	739,00
9	486	40,9	1889	1420	982	AT38 09 197 V __ A	662,00	762,00	812,00
10	542	45,4	2099	1577	1091	AT38 10 197 V __ A	735,00	835,00	885,00
11	598	50,0	2309	1735	1200	AT38 11 197 V __ A	808,00	908,00	958,00
12	654	54,5	2519	1893	1310	AT38 12 197 V __ A	881,00	981,00	1.031,00
13	710	59,1	2729	2051	1419	AT38 13 197 V __ A	954,00	1.054,00	1.104,00
14	766	63,6	2939	2208	1528	AT38 14 197 V __ A	1.027,00	1.127,00	1.177,00
15	822	68,2	3149	2366	1637	AT38 15 197 V __ A	1.100,00	1.200,00	1.250,00
H 2030 mm									
6	318	27,3	1293	972	673	AT38 06 203 V __ A	510,00	610,00	660,00
7	374	31,8	1509	1134	785	AT38 07 203 V __ A	584,00	684,00	734,00
8	430	36,4	1724	1296	897	AT38 08 203 V __ A	658,00	758,00	808,00
9	486	40,9	1940	1458	1009	AT38 09 203 V __ A	732,00	832,00	882,00
10	542	45,4	2155	1620	1121	AT38 10 203 V __ A	806,00	906,00	956,00
11	598	50,0	2371	1782	1233	AT38 11 203 V __ A	880,00	980,00	1.030,00
12	654	54,5	2586	1944	1345	AT38 12 203 V __ A	954,00	1.054,00	1.104,00
13	710	59,1	2802	2106	1457	AT38 13 203 V __ A	1.028,00	1.128,00	1.178,00
14	766	63,6	3017	2268	1569	AT38 14 203 V __ A	1.102,00	1.202,00	1.252,00
15	822	68,2	3233	2430	1681	AT38 15 203 V __ A	1.176,00	1.276,00	1.326,00

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT



ARYS

Accessories for ARIANNA TANDEM radiator

design **Mariano Moroni**



EUROPEAN WARRANTY

TOWEL HOLDER LEFT - L. 268 mm

Material: painted mild steel

		Art. nr. R01 White	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
		5991990310687	120,00	150,00	170,00

TOWEL HOLDER RIGHT - L. 268 mm

Material: painted mild steel

		Art. nr. R01 White	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
		5991990310686	120,00	150,00	170,00

ROBE HANGER LEFT- L. 61 mm

Material: painted mild steel

		Art. nr. R01 White	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
		5991990310685	86,00	116,00	136,00

ROBE HANGER RIGHT - L. 61 mm

Material: painted mild steel

		Art. nr. R01 White	Price [€]		
			R01 White	CLASSIC Color	SPECIAL Color
		5991990310684	86,00	116,00	136,00



ARYS

Accessories for ARIANNA TANDEM radiator

design **Mariano Moroni**

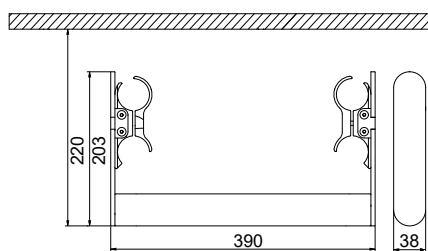


EUROPEAN WARRANTY

TOWEL BAR - L. 390 mm (for Arianna Tandem radiator 7 Elements)

Material: painted mild steel

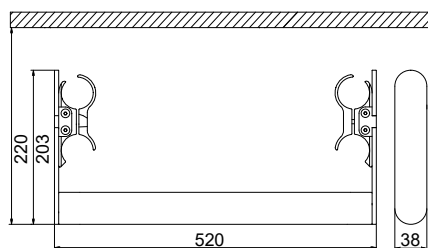
	Art. nr. R01 White	Price [€]		
		R01 White	CLASSIC Color	SPECIAL Color
	5991990310682	237,00	267,00	287,00



TOWEL BAR - L. 502 mm (for Arianna Tandem radiator 9 Elements)

Material: painted mild steel

	Art. nr. R01 White	Price [€]		
		R01 White	CLASSIC Color	SPECIAL Color
	5991990310683	241,00	271,00	291,00





ARYS

Accessories for ARIANNA TANDEM radiator

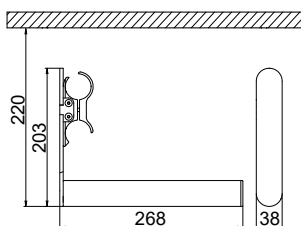
design **Mariano Moroni**



EUROPEAN WARRANTY

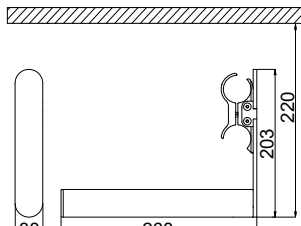
TOWEL HOLDER LEFT - L. 268 mm

Material: Wood

		Wood finishings	Painted support	Art. nr.	Price [€]
			RAL 9010 - R01 Pure White	5991990500046	146,00
			RAL 9016 - R02 Traffic White	5991990530010	
			T11 Matt White	5991990530011	
			F20 Milky	5991990530012	
Whitened Oak					

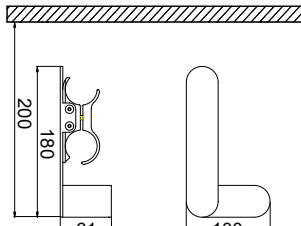
TOWEL HOLDER RIGHT - L. 268 mm

Material: Wood

		Wood finishings	Painted support	Art. nr.	Price [€]
			RAL 9010 - R01 Pure White	5991990500045	146,00
			RAL 9016 - R02 Traffic White	5991990530007	
			T11 Matt White	5991990530008	
			F20 Milky	5991990530009	
Whitened Oak					

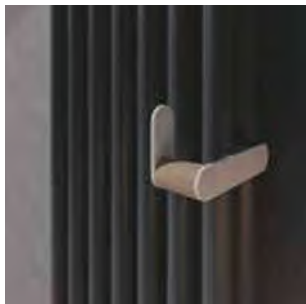
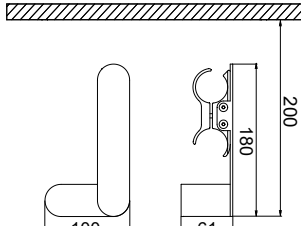
ROBE HANGER LEFT - L. 61 mm

Material: Wood

		Wood finishings	Painted support	Art. nr.	Price [€]
			RAL 9010 - R01 Pure White	5991990500044	142,00
			RAL 9016 - R02 Traffic White	5991990530016	
			T11 Matt White	5991990530017	
			F20 Milky	5991990530018	
Whitened Oak					

ROBE HANGER RIGHT - L. 61 mm

Material: Wood

		Wood finishings	Painted support	Art. nr.	Price [€]
			RAL 9010 - R01 Pure White	5991990500043	142,00
			RAL 9016 - R02 Traffic White	5991990530013	
			T11 Matt White	5991990530014	
			F20 Milky	5991990530015	
Whitened Oak					



ARYS

Accessories for ARIANNA TANDEM radiator

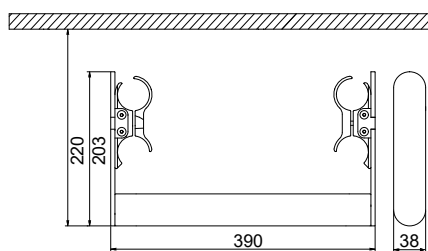
design **Mariano Moroni**



EUROPEAN WARRANTY

TOWEL BAR - L. 390 mm (for Arianna tandem radiator 7 Elements)

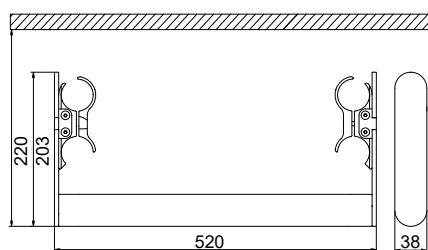
Material: Wood



Wood finishings	Painted support	Art. nr.	Price [€]
	RAL 9010 - R01 Pure White	5991990500041	263,00
	RAL 9016 - R02 Traffic White	5991990530001	
	T11 Matt White	5991990530002	
Whitened Oak	F20 Milky	5991990530003	

TOWEL BAR - L. 502 mm (for Arianna tandem radiator 9 Elements)

Material: Wood



Wood finishings	Painted support	Art. nr.	Price [€]
	RAL 9010 - R01 Pure White	5991990500042	269,00
	RAL 9016 - R02 Traffic White	5991990530004	
	T11 Matt White	5991990530005	
Whitened Oak	F20 Milky	5991990530006	

WOOD FINISHINGS



Whitened Oak

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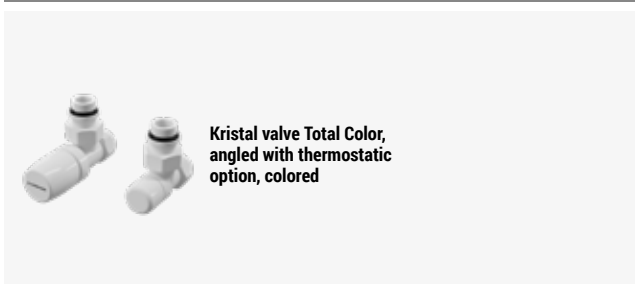
Color: F36 Terra

Height H [mm]	500	600	700	800	900	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	23,7	27,9	32,1	36,2	40,3	44,3	52,4	60,4	64,5
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	12,3	14,5	16,7	18,8	20,9	23,0	27,2	31,3	33,4
Dry Weight per element [kg]	0,352	0,411	0,470	0,529	0,588	0,647	0,765	0,883	0,942
Water content [lt]	0,241	0,282	0,323	0,364	0,405	0,446	0,528	0,610	0,651
Element surface [m ²]	0,042	0,050	0,058	0,066	0,074	0,082	0,098	0,114	0,122
Exponent n	1,2791	1,2801	1,2810	1,2820	1,2830	1,2839	1,2859	1,2878	1,2888
Pipe Centres I [mm] (V3-V4 only)	450	550	650	750	850	950	1150	1350	1450

For output at different Δt , please refer to the following formula: **desired output = output at Δt 50 x (Desired $\Delta t/50$)ⁿ**

Height H [mm]	1600	1800	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	68,5	76,5	84,5	92,6	96,6	105
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	35,4	39,5	43,6	47,8	49,8	54,1
Dry Weight per element [kg]	1,001	1,119	1,237	1,355	1,414	1,532
Water content [lt]	0,692	0,774	0,856	0,938	0,979	1,061
Element surface [m ²]	0,130	0,146	0,162	0,178	0,186	0,202
Exponent n	1,2897	1,2917	1,2936	1,2955	1,2965	1,2984
Pipe Centres I [mm] (V3-V4 only)	1550	1750	1950	2150	2250	2450

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- 30x40 mm semi-oval horizontal collectors in painted mild steel.
- Ø 25 mm vertical heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

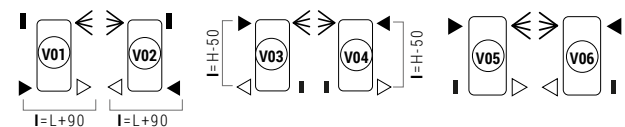
COLORS:

See color chart on pages II and III.

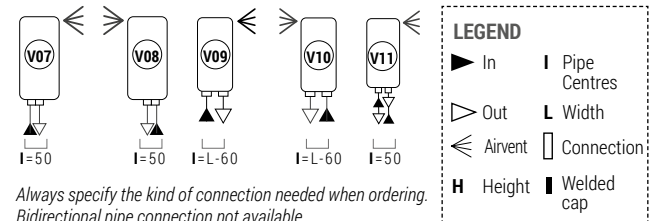
CERTIFICATES



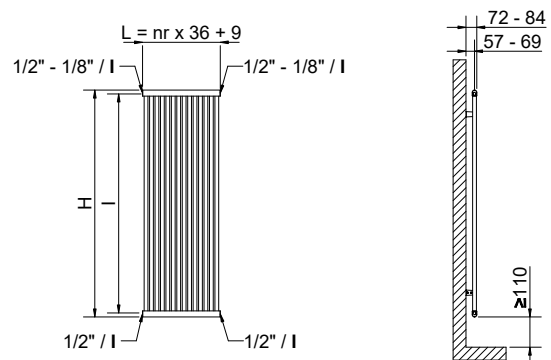
STANDARD CONNECTIONS WITHOUT SURCHARGE



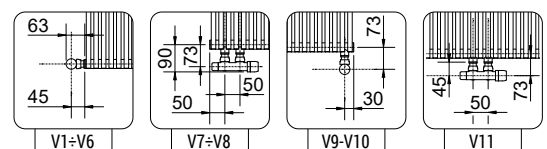
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



DORIANA

VERTICAL

							Thermal output					
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		Art. nr.	 Price [€]				
n°	L [mm]	[Kg]				[Watt]		R01 White	CLASSIC Color	SPECIAL Color		
H 500 mm												
8	200	2,8	190	143	99	D025 08 050 V __ __ A		222,00	322,00	372,00		
10	250	3,5	237	178	123	D025 10 050 V __ __ A		246,00	346,00	396,00		
12	300	4,2	284	214	148	D025 12 050 V __ __ A		318,00	418,00	468,00		
14	350	4,9	332	249	173	D025 14 050 V __ __ A		342,00	442,00	492,00		
15	375	5,3	356	267	185	D025 15 050 V __ __ A		306,00	406,00	456,00		
16	400	5,6	379	285	197	D025 16 050 V __ __ A		318,00	418,00	468,00		
18	450	6,3	427	321	222	D025 18 050 V __ __ A		342,00	442,00	492,00		
20	500	7,0	474	356	247	D025 20 050 V __ __ A		366,00	466,00	516,00		
22	550	7,7	521	392	271	D025 22 050 V __ __ A		390,00	490,00	540,00		
24	600	8,4	569	428	296	D025 24 050 V __ __ A		414,00	514,00	564,00		
28	700	9,9	664	499	345	D025 28 050 V __ __ A		462,00	562,00	612,00		
32	800	11,3	758	570	395	D025 32 050 V __ __ A		510,00	610,00	660,00		
38	950	13,4	901	677	469	D025 38 050 V __ __ A		582,00	682,00	732,00		

H 700 mm									
8	200	3,8	257	193	134	D025 08 070 V __ __ A	234,00	334,00	384,00
10	250	4,7	321	241	167	D025 10 070 V __ __ A	262,00	362,00	412,00
12	300	5,6	385	289	200	D025 12 070 V __ __ A	290,00	390,00	440,00
14	350	6,6	449	338	234	D025 14 070 V __ __ A	318,00	418,00	468,00
15	375	7,1	482	362	250	D025 15 070 V __ __ A	332,00	432,00	482,00
16	400	7,5	514	386	267	D025 16 070 V __ __ A	346,00	446,00	496,00
18	450	8,5	578	434	300	D025 18 070 V __ __ A	374,00	474,00	524,00
19	475	8,9	610	458	317	D025 19 070 V __ __ A	388,00	488,00	538,00
20	500	9,4	642	482	334	D025 20 070 V __ __ A	402,00	502,00	552,00
22	550	10,3	706	531	367	D025 22 070 V __ __ A	430,00	530,00	580,00
24	600	11,3	770	579	401	D025 24 070 V __ __ A	458,00	558,00	608,00
26	650	12,2	835	627	434	D025 26 070 V __ __ A	486,00	586,00	636,00
30	750	14,1	963	724	501	D025 30 070 V __ __ A	542,00	642,00	692,00
32	800	15,0	1027	772	534	D025 32 070 V __ __ A	570,00	670,00	720,00
36	900	16,9	1156	868	601	D025 36 070 V __ __ A	626,00	726,00	776,00

H 1000 mm									
10	250	6,5	443	333	230	D025 10 100 V __ __ A	285,50	385,50	435,50
12	300	7,8	532	399	276	D025 12 100 V __ __ A	318,50	418,50	468,50
13	325	8,4	576	432	299	D025 13 100 V __ __ A	335,00	435,00	485,00
14	350	9,1	620	466	322	D025 14 100 V __ __ A	351,50	451,50	501,50
15	375	9,7	665	499	345	D025 15 100 V __ __ A	368,00	468,00	518,00
16	400	10,4	709	532	368	D025 16 100 V __ __ A	384,50	484,50	534,50
18	450	11,6	797	599	414	D025 18 100 V __ __ A	417,50	517,50	567,50
20	500	12,9	886	665	460	D025 20 100 V __ __ A	450,50	550,50	600,50
22	550	14,2	975	732	506	D025 22 100 V __ __ A	483,50	583,50	633,50
24	600	15,5	1063	798	552	D025 24 100 V __ __ A	516,50	616,50	666,50
28	700	18,1	1240	931	644	D025 28 100 V __ __ A	582,50	682,50	732,50
30	750	19,4	1329	998	690	D025 30 100 V __ __ A	615,50	715,50	765,50
38	950	24,6	1683	1264	874	D025 38 100 V __ __ A	747,50	847,50	897,50

							Thermal output						
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		Art. nr.						
													
n°	L [mm]	[Kg]					R01 White	CLASSIC Color	SPECIAL Color				
H 600 mm													
8	200	3,3	223	168	116	D025 08 060 V __ __ A	226,00	326,00	376,00				
10	250	4,1	279	210	145	D025 10 060 V __ __ A	252,00	352,00	402,00				
12	300	4,9	335	252	174	D025 12 060 V __ __ A	330,00	430,00	480,00				
14	350	5,8	391	294	203	D025 14 060 V __ __ A	304,00	404,00	454,00				
15	375	6,2	419	315	218	D025 15 060 V __ __ A	317,00	417,00	467,00				
16	400	6,6	446	335	232	D025 16 060 V __ __ A	330,00	430,00	480,00				
18	450	7,4	502	377	261	D025 18 060 V __ __ A	356,00	456,00	506,00				
20	500	8,2	558	419	290	D025 20 060 V __ __ A	382,00	482,00	532,00				
22	550	9,0	614	461	319	D025 22 060 V __ __ A	408,00	508,00	558,00				
24	600	9,9	670	503	348	D025 24 060 V __ __ A	434,00	534,00	584,00				
28	700	11,5	781	587	406	D025 28 060 V __ __ A	486,00	586,00	636,00				
32	800	13,2	893	671	464	D025 32 060 V __ __ A	538,00	638,00	688,00				
38	950	15,6	1060	797	551	D025 38 060 V __ __ A	616,00	716,00	766,00				

H 800 mm									
8	200	4,2	290	218	150	D025 08 080 V __ __ A	240,00	340,00	390,00
10	250	5,3	362	272	188	D025 10 080 V __ __ A	270,00	370,00	420,00
12	300	6,3	434	326	226	D025 12 080 V __ __ A	300,00	400,00	450,00
14	350	7,4	507	381	263	D025 14 080 V __ __ A	330,00	430,00	480,00
15	375	7,9	543	408	282	D025 15 080 V __ __ A	345,00	445,00	495,00
16	400	8,5	579	435	301	D025 16 080 V __ __ A	360,00	460,00	510,00
18	450	9,5	652	489	339	D025 18 080 V __ __ A	390,00	490,00	540,00
19	475	10,1	688	517	357	D025 19 080 V __ __ A	405,00	505,00	555,00
20	500	10,6	724	544	376	D025 20 080 V __ __ A	420,00	520,00	570,00
22	550	11,6	796	598	414	D025 22 080 V __ __ A	450,00	550,00	600,00
24	600	12,7	869	653	451	D025 24 080 V __ __ A	480,00	580,00	630,00
26	650	13,8	941	707	489	D025 26 080 V __ __ A	510,00	610,00	660,00
30	750	15,9	1086	816	564	D025 30 080 V __ __ A	570,00	670,00	720,00
32	800	16,9	1158	870	602	D025 32 080 V __ __ A	600,00	700,00	750,00
36	900	19,0	1303	979	677	D025 36 080 V __ __ A	660,00	760,00	810,00

H 1200 mm									
10	250	7,7	524	393	272	D025 10 120 V __ __ A	292,00	392,00	442,00
12	300	9,2	629	472	326	D025 12 120 V __ __ A	326,00	426,00	476,00
13	325	9,9	681	511	353	D025 13 120 V __ __ A	343,00	443,00	493,00
14	350	10,7	734	551	380	D025 14 120 V __ __ A	360,00	460,00	510,00
15	375	11,5	786	590	408	D025 15 120 V __ __ A	377,00	477,00	527,00
16	400	12,2	838	629	435	D025 16 120 V __ __ A	394,00	494,00	544,00
18	450	13,8	943	708	489	D025 18 120 V __ __ A	428,00	528,00	578,00
20	500	15,3	1048	787	543	D025 20 120 V __ __ A	462,00	562,00	612,00
22	550	16,8	1153	865	598	D025 22 120 V __ __ A	496,00	596,00	646,00
24	600	18,4	1258	944	652	D025 24 120 V __ __ A	530,00	630,00	680,00
28	700	21,4	1467	1101	761	D025 28 120 V __ __ A	598,00	698,00	748,00
30	750	23,0	1572	1180	815	D025 30 120 V __ __ A	632,00	732,00	782,00
38	950	29,1	1991	1495	1032	D025 38 120 V __ __ A	768,00	868,00	918,00

DORIANA

HORIZONTAL

WARRANTY 5 YEARS



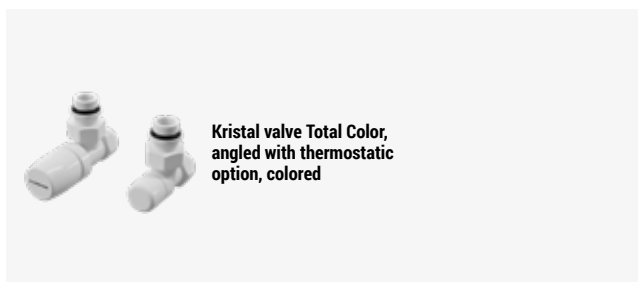
Color: RAL 3003 - R08 Ruby red

Width L [mm]	500	600	700	800	900	1000	1200	1400	1500
Dry Weight per element [kg]	0,352	0,411	0,470	0,529	0,588	0,647	0,765	0,883	0,942
Water content [lt]	0,241	0,282	0,323	0,364	0,405	0,446	0,528	0,610	0,651
Element surface [m ²]	0,042	0,050	0,058	0,066	0,074	0,082	0,098	0,114	0,122
Pipe Centres I [mm] (H1 only)	450	550	650	750	850	950	1150	1350	1450

For output at different ΔT , please refer to the following formula: **desired output = output at ΔT 50 x (Desired ΔT /50)ⁿ**

Width L [mm]	1600	1800	2000	2200	2300	2500
Dry Weight per element [kg]	1,001	1,119	1,237	1,355	1,414	1,532
Water content [lt]	0,692	0,774	0,856	0,938	0,979	1,061
Element surface [m ²]	0,130	0,146	0,162	0,178	0,186	0,202
Pipe Centres I [mm] (H1 only)	1550	1750	1950	2150	2250	2450

AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- 30x40 mm semi-oval frame collectors in painted mild steel.
- Ø 25 mm horizontal heating elements in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.
The fixing kit is compliant with VDI 6036 norm, class 4.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

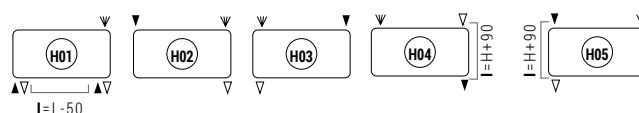
COLORS:

See color chart on pages II and III.

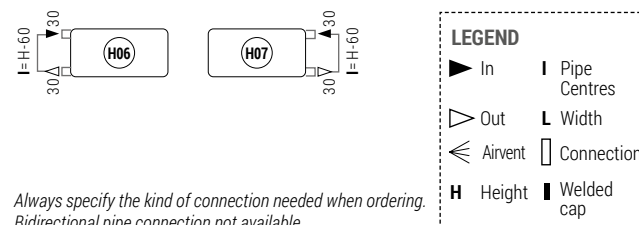
CERTIFICATES



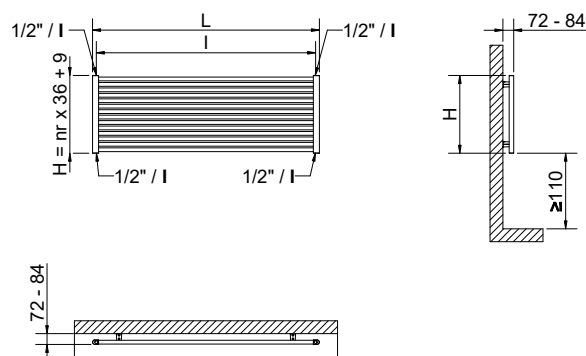
STANDARD CONNECTIONS WITHOUT SURCHARGE



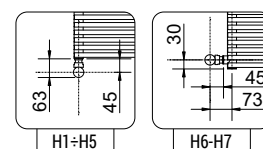
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



DORIANA

HORIZONTAL

Thermal output							Price [€]			
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 585 mm										
16	500	1,1993	5,6	329	252	178	DO25 16 050 H __ A	318,00	418,00	468,00
	600	1,1993	6,6	395	302	214	DO25 16 060 H __ A	330,00	430,00	480,00
	700	1,1993	7,5	461	353	250	DO25 16 070 H __ A	346,00	446,00	496,00
	800	1,1993	8,5	526	402	285	DO25 16 080 H __ A	360,00	460,00	510,00
	900	1,1993	9,4	592	453	321	DO25 16 090 H __ A	374,00	474,00	524,00
	1000	1,1993	10,4	658	504	357	DO25 16 100 H __ A	384,50	484,50	534,50
	1200	1,1993	12,2	790	605	428	DO25 16 120 H __ A	394,00	494,00	544,00
	1400	1,1993	14,1	921	705	499	DO25 16 140 H __ A	408,50	508,50	558,50
	1500	1,1993	15,1	987	755	535	DO25 16 150 H __ A	419,00	519,00	569,00
	1600	1,1993	16,0	1053	806	571	DO25 16 160 H __ A	427,50	527,50	577,50
	1800	1,1993	17,9	1184	906	642	DO25 16 180 H __ A	441,00	541,00	591,00
	2000	1,1993	19,8	1316	1007	713	DO25 16 200 H __ A	460,50	560,50	610,50
	2200	1,1993	21,7	1448	1108	785	DO25 16 220 H __ A	580,00	680,00	730,00
	2300	1,1993	22,6	1513	1158	820	DO25 16 230 H __ A	606,00	706,00	756,00
	2500	1,1993	24,5	1645	1259	891	DO25 16 250 H __ A	636,00	736,00	786,00
H 729 mm										
20	500	1,1961	7,0	409	313	222	DO25 20 050 H __ A	366,00	466,00	516,00
	600	1,1961	8,2	491	376	267	DO25 20 060 H __ A	382,00	482,00	532,00
	700	1,1961	9,4	573	439	311	DO25 20 070 H __ A	402,00	502,00	552,00
	800	1,1961	10,6	654	501	355	DO25 20 080 H __ A	420,00	520,00	570,00
	900	1,1961	11,8	736	564	400	DO25 20 090 H __ A	438,00	538,00	588,00
	1000	1,1961	12,9	818	626	444	DO25 20 100 H __ A	450,50	550,50	600,50
	1200	1,1961	15,3	982	752	533	DO25 20 120 H __ A	462,00	562,00	612,00
	1400	1,1961	17,7	1146	878	622	DO25 20 140 H __ A	478,50	578,50	628,50
	1500	1,1961	18,8	1227	940	666	DO25 20 150 H __ A	491,00	591,00	641,00
	1600	1,1961	20,0	1309	1002	711	DO25 20 160 H __ A	501,50	601,50	651,50
	1800	1,1961	22,4	1472	1127	799	DO25 20 180 H __ A	517,00	617,00	667,00
	2000	1,1961	24,7	1636	1253	888	DO25 20 200 H __ A	538,50	638,50	688,50
	2200	1,1961	27,1	1800	1378	977	DO25 20 220 H __ A	660,00	760,00	810,00
	2300	1,1961	28,3	1881	1440	1021	DO25 20 230 H __ A	690,00	790,00	840,00
	2500	1,1961	30,6	2045	1566	1110	DO25 20 250 H __ A	724,00	824,00	874,00
H 801 mm										
22	500	1,1945	7,7	448	343	243	DO25 22 050 H __ A	390,00	490,00	540,00
	600	1,1945	9,0	538	412	292	DO25 22 060 H __ A	408,00	508,00	558,00
	700	1,1945	10,3	627	480	341	DO25 22 070 H __ A	430,00	530,00	580,00
	800	1,1945	11,6	717	549	390	DO25 22 080 H __ A	450,00	550,00	600,00
	900	1,1945	12,9	806	617	438	DO25 22 090 H __ A	470,00	570,00	620,00
	1000	1,1945	14,2	896	686	487	DO25 22 100 H __ A	483,50	583,50	633,50
	1200	1,1945	16,8	1075	823	584	DO25 22 120 H __ A	496,00	596,00	646,00
	1400	1,1945	19,4	1254	961	681	DO25 22 140 H __ A	513,50	613,50	663,50
	1500	1,1945	20,7	1344	1030	730	DO25 22 150 H __ A	527,00	627,00	677,00
	1600	1,1945	22,0	1434	1098	779	DO25 22 160 H __ A	538,50	638,50	688,50
	1800	1,1945	24,6	1613	1236	876	DO25 22 180 H __ A	555,00	655,00	705,00
	2000	1,1945	27,2	1792	1373	974	DO25 22 200 H __ A	577,50	677,50	727,50
	2200	1,1945	29,8	1971	1510	1071	DO25 22 220 H __ A	700,00	800,00	850,00
	2300	1,1945	31,1	2061	1579	1120	DO25 22 230 H __ A	732,00	832,00	882,00
	2500	1,1945	33,7	2240	1716	1217	DO25 22 250 H __ A	768,00	868,00	918,00

DORIANA

HORIZONTAL

								Price [€]		
				Thermal output						
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 873 mm										
24	500	1,192	8,4	487	373	265	D025 24 050 H __ _ A	414,00	514,00	564,00
	600	1,192	9,9	584	448	318	D025 24 060 H __ _ A	434,00	534,00	584,00
	700	1,192	11,3	682	523	371	D025 24 070 H __ _ A	458,00	558,00	608,00
	800	1,192	12,7	779	597	424	D025 24 080 H __ _ A	480,00	580,00	630,00
	900	1,192	14,1	877	672	477	D025 24 090 H __ _ A	502,00	602,00	652,00
	1000	1,192	15,5	974	747	530	D025 24 100 H __ _ A	516,50	616,50	666,50
	1200	1,192	18,4	1169	896	636	D025 24 120 H __ _ A	530,00	630,00	680,00
	1400	1,192	21,2	1364	1045	742	D025 24 140 H __ _ A	548,50	648,50	698,50
	1500	1,192	22,6	1461	1120	795	D025 24 150 H __ _ A	563,00	663,00	713,00
	1600	1,192	24,0	1558	1194	847	D025 24 160 H __ _ A	575,50	675,50	725,50
	1800	1,192	26,9	1753	1344	954	D025 24 180 H __ _ A	593,00	693,00	743,00
	2000	1,192	29,7	1948	1493	1060	D025 24 200 H __ _ A	616,50	716,50	766,50
	2200	1,192	32,5	2143	1643	1166	D025 24 220 H __ _ A	740,00	840,00	890,00
	2300	1,192	33,9	2240	1717	1218	D025 24 230 H __ _ A	774,00	874,00	924,00
	2500	1,192	36,8	2435	1866	1325	D025 24 250 H __ _ A	812,00	912,00	962,00
H 945 mm										
26	500	1,2074	9,2	526	402	284	D025 26 050 H __ _ A	438,00	538,00	588,00
	600	1,2074	10,7	631	482	341	D025 26 060 H __ _ A	460,00	560,00	610,00
	700	1,2074	12,2	736	562	397	D025 26 070 H __ _ A	486,00	586,00	636,00
	800	1,2074	13,8	841	642	454	D025 26 080 H __ _ A	510,00	610,00	660,00
	900	1,2074	15,3	946	723	511	D025 26 090 H __ _ A	534,00	634,00	684,00
	1000	1,2074	16,8	1051	803	567	D025 26 100 H __ _ A	549,50	649,50	699,50
	1200	1,2074	19,9	1261	963	681	D025 26 120 H __ _ A	564,00	664,00	714,00
	1400	1,2074	23,0	1471	1124	794	D025 26 140 H __ _ A	583,50	683,50	733,50
	1500	1,2074	24,5	1577	1205	851	D025 26 150 H __ _ A	599,00	699,00	749,00
	1600	1,2074	26,0	1682	1285	908	D025 26 160 H __ _ A	612,50	712,50	762,50
	1800	1,2074	29,1	1892	1445	1021	D025 26 180 H __ _ A	631,00	731,00	781,00
	2000	1,2074	32,2	2102	1606	1134	D025 26 200 H __ _ A	655,50	755,50	805,50
	2200	1,2074	35,2	2312	1766	1248	D025 26 220 H __ _ A	780,00	880,00	930,00
	2300	1,2074	36,8	2417	1846	1304	D025 26 230 H __ _ A	816,00	916,00	966,00
	2500	1,2074	39,8	2628	2007	1418	D025 26 250 H __ _ A	856,00	956,00	1.006,00
H 1017 mm										
28	500	1,1897	9,9	564	432	307	D025 28 050 H __ _ A	462,00	562,00	612,00
	600	1,1897	11,5	676	518	368	D025 28 060 H __ _ A	486,00	586,00	636,00
	700	1,1897	13,2	789	605	430	D025 28 070 H __ _ A	514,00	614,00	664,00
	800	1,1897	14,8	902	692	491	D025 28 080 H __ _ A	540,00	640,00	690,00
	900	1,1897	16,5	1014	778	552	D025 28 090 H __ _ A	566,00	666,00	716,00
	1000	1,1897	18,1	1127	864	614	D025 28 100 H __ _ A	582,50	682,50	732,50
	1200	1,1897	21,4	1352	1037	736	D025 28 120 H __ _ A	598,00	698,00	748,00
	1400	1,1897	24,7	1578	1210	859	D025 28 140 H __ _ A	618,50	718,50	768,50
	1500	1,1897	26,4	1691	1297	921	D025 28 150 H __ _ A	635,00	735,00	785,00
	1600	1,1897	28,0	1803	1383	982	D025 28 160 H __ _ A	649,50	749,50	799,50
	1800	1,1897	31,3	2029	1556	1105	D025 28 180 H __ _ A	669,00	769,00	819,00
	2000	1,1897	34,6	2254	1728	1227	D025 28 200 H __ _ A	694,50	794,50	844,50
	2200	1,1897	37,9	2479	1901	1350	D025 28 220 H __ _ A	820,00	920,00	970,00
	2300	1,1897	39,6	2592	1988	1412	D025 28 230 H __ _ A	816,00	916,00	966,00
	2500	1,1897	42,9	2818	2161	1535	D025 28 250 H __ _ A	900,00	1.000,00	1.050,00

HOW TO ORDER THE DORIANA HORIZONTAL RADIATOR

Radiator model E.g.: Doriana horizontal	Nr of Elements E.g.: 18 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
D025	18	120	H04	R01	A

Example of article code creation

D025 DORIANA HORIZONTAL
 18 18 Elements
 120 Width 1200 mm
 H04 Connection H04 (see product page)
 R01 Color R01 - White (see color chart)
 A Constant value

The article code will be:
D025 18 120 H04 R01 A

TAMARA

VERTICAL



Color: RAL 1021 - R05 Yellow rape

Height H [mm]	600	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	45,1	58,4	71,5	84,6	97,7	110,9	124,2	130,9	137,6
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	24,0	30,8	37,4	44,2	51,0	57,9	64,8	68,3	71,7
Dry Weight per element [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,270	2,379
Water content [lt]	0,608	0,805	1,001	1,198	1,394	1,590	1,787	1,885	1,983
Element surface [m ²]	0,083	0,107	0,130	0,154	0,177	0,201	0,224	0,236	0,248
Exponent n	1,2372	1,2536	1,2701	1,2711	1,272	1,273	1,2739	1,2734	1,2748
Pipe Centres I [mm] (V3-V4 only)	566	766	966	1166	1366	1566	1766	1866	1966

For output at different ΔT , please refer to the following formula: **desired output = output at $\Delta T 50 \times$ (Desired $\Delta T/50)^n$**

MATERIAL:

- $\varnothing 30$ mm horizontal collectors in painted mild steel.
- 50×25 mm vertical heating elements, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

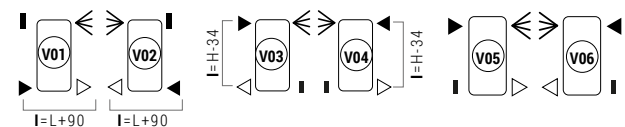
COLORS:

See color chart on pages II and III.

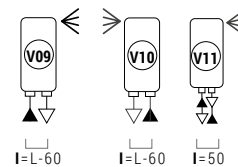
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE

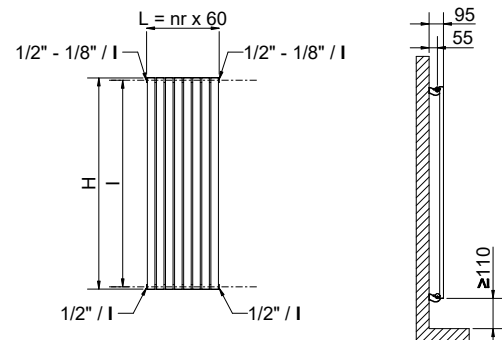


SPECIAL CONNECTIONS (SURCHARGE € 62,00)

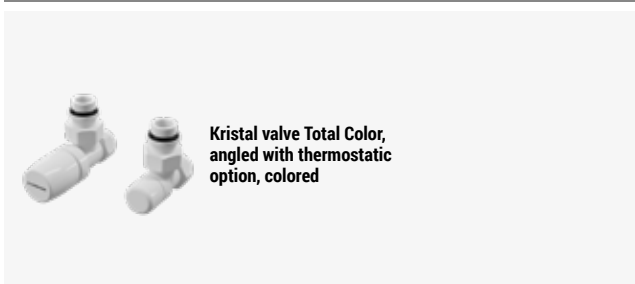


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

LEGEND	
	In
	Out
	Airvent
	H Height
	I Pipe Centres
	L Width
	Connection
	Welded cap

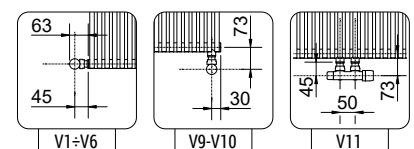


AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Quotes for Kristal valves



Complete list, codes, prices, and details of the ACCESSORIES from page 332.

FEATURES

P. max: 5 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE TAMARA VERTICAL RADIATOR

Radiator model E.g.: Tamara VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V02	Color code Es: R01 - White	Constant value
TA50	24	180	V02	R01	A

Example of article code creation

TA50 TAMARA VERTICAL
24 24 Elements (see table below)
180 Height 1800 mm (see table below)
V02 Connection V02 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

TA50 24 180 V02 R01 A

Height H [mm]		600		800		1000		1200		1400		1600		1800		1900		2000	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
300	5	226	260,00	292	265,00	358	267,00	423	279,00	489	283,00	555	287,00	621	301,00	655	302,00	688	303,00
360	6	271	280,00	350	286,00	429	289,00	508	302,00	586	307,00	665	312,00	745	328,00	785	330,00	826	332,00
420	7	316	300,00	409	307,00	501	311,00	592	325,00	684	331,00	776	337,00	869	355,00	916	358,00	963	361,00
480	8	361	320,00	467	328,00	572	333,00	677	348,00	782	355,00	887	362,00	994	382,00	1047	386,00	1101	390,00
540	9	406	340,00	526	349,00	644	355,00	761	371,00	879	379,00	998	387,00	1118	409,00	1178	414,00	1238	419,00
600	10	451	360,00	584	370,00	715	377,00	846	394,00	977	403,00	1109	412,00	1242	436,00	1309	442,00	1376	448,00
660	11	496	380,00	642	391,00	787	399,00	931	417,00	1075	427,00	1220	437,00	1366	463,00	1440	470,00	1514	477,00
720	12	541	400,00	701	412,00	858	421,00	1015	440,00	1172	451,00	1331	462,00	1490	490,00	1571	498,00	1651	506,00
780	13	586	420,00	759	433,00	930	443,00	1100	463,00	1270	475,00	1442	487,00	1615	517,00	1702	526,00	1789	535,00
840	14	631	440,00	818	454,00	1001	465,00	1184	486,00	1368	499,00	1553	512,00	1739	544,00	1833	554,00	1926	564,00
900	15	677	460,00	876	475,00	1073	487,00	1269	509,00	1466	523,00	1664	537,00	1863	571,00	1964	582,00	2064	593,00
960	16	722	480,00	934	496,00	1144	509,00	1354	532,00	1563	547,00	1774	562,00	1987	598,00	2094	610,00	2202	622,00
1020	17	767	500,00	993	517,00	1216	531,00	1438	555,00	1661	571,00	1885	587,00	2111	625,00	2225	638,00	2339	651,00
1080	18	812	520,00	1051	538,00	1287	553,00	1523	578,00	1759	595,00	1996	612,00	2236	652,00	2356	666,00	2477	680,00
1140	19	857	540,00	1110	559,00	1359	575,00	1607	601,00	1856	619,00	2107	637,00	2360	679,00	2487	694,00	2614	709,00
1200	20	902	560,00	1168	580,00	1430	597,00	1692	624,00	1954	643,00	2218	662,00	2484	706,00	2618	722,00	2752	738,00
1260	21	947	580,00	1226	601,00	1502	619,00	1777	647,00	2052	667,00	2329	687,00	2608	733,00	2749	750,00	2890	767,00
1320	22	992	600,00	1285	622,00	1573	641,00	1861	670,00	2149	691,00	2440	712,00	2732	760,00	2880	778,00	3027	796,00
1380	23	1037	620,00	1343	643,00	1645	663,00	1946	693,00	2247	715,00	2551	737,00	2857	787,00	3011	806,00	3165	825,00
1440	24	1082	640,00	1402	664,00	1716	685,00	2030	716,00	2345	739,00	2662	762,00	2981	814,00	3142	834,00	3302	854,00
1500	25	1128	660,00	1460	685,00	1788	707,00	2115	739,00	2443	763,00	2773	787,00	3105	841,00	3273	862,00	3440	883,00
1560	26	1173	680,00	1518	706,00	1859	729,00	2200	762,00	2540	787,00	2883	812,00	3229	868,00	3403	890,00	3578	912,00
1620	27	1218	700,00	1577	727,00	1931	751,00	2284	785,00	2638	811,00	2994	837,00	3353	895,00	3534	918,00	3715	941,00
1680	28	1263	720,00	1635	748,00	2002	773,00	2369	808,00	2736	835,00	3105	862,00	3478	922,00	3665	946,00	3853	970,00
1740	29	1308	740,00	1694	769,00	2074	795,00	2453	831,00	2833	859,00	3216	887,00	3602	949,00	3796	974,00	3990	999,00
1800	30	1353	760,00	1752	790,00	2145	817,00	2538	854,00	2931	883,00	3327	912,00	3726	976,00	3927	1.002,00	4128	1.028,00

Prices are referred to color WHITE R01 version and STANDARD connection.

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

TAMARA

VERTICAL

							Price [€]		
									
El.	Width	Dry Weight	Thermal output			Art. nr.	R01	CLASSIC	SPECIAL
n°	L [mm]	[Kg]	[Watt]				White	Color	Color
H 600 mm									
5	300	4,1	226	171	120	TA50 05 060 V _ _ A	260,00	360,00	410,00
6	360	5,0	271	205	144	TA50 06 060 V _ _ A	280,00	380,00	430,00
8	480	6,6	361	274	192	TA50 08 060 V _ _ A	320,00	420,00	470,00
10	600	8,3	451	342	240	TA50 10 060 V _ _ A	360,00	460,00	510,00
12	720	9,9	541	411	288	TA50 12 060 V _ _ A	400,00	500,00	550,00
14	840	11,6	631	479	336	TA50 14 060 V _ _ A	440,00	540,00	590,00
16	960	13,2	722	548	384	TA50 16 060 V _ _ A	480,00	580,00	630,00
18	1080	14,9	812	616	431	TA50 18 060 V _ _ A	520,00	620,00	670,00
20	1200	16,5	902	684	479	TA50 20 060 V _ _ A	560,00	660,00	710,00
22	1320	18,2	992	753	527	TA50 22 060 V _ _ A	600,00	700,00	750,00
24	1440	19,8	1082	821	575	TA50 24 060 V _ _ A	640,00	740,00	790,00
26	1560	21,5	1173	890	623	TA50 26 060 V _ _ A	680,00	780,00	830,00
28	1680	23,2	1263	958	671	TA50 28 060 V _ _ A	720,00	820,00	870,00
30	1800	24,8	1353	1027	719	TA50 30 060 V _ _ A	760,00	860,00	910,00
H 800 mm									
5	300	5,2	292	221	154	TA50 05 080 V _ _ A	265,00	365,00	415,00
6	360	6,3	350	265	185	TA50 06 080 V _ _ A	286,00	386,00	436,00
8	480	8,4	467	353	246	TA50 08 080 V _ _ A	328,00	428,00	478,00
10	600	10,5	584	441	308	TA50 10 080 V _ _ A	370,00	470,00	520,00
12	720	12,6	701	530	369	TA50 12 080 V _ _ A	412,00	512,00	562,00
14	840	14,7	818	618	431	TA50 14 080 V _ _ A	454,00	554,00	604,00
16	960	16,8	934	706	493	TA50 16 080 V _ _ A	496,00	596,00	646,00
18	1080	18,9	1051	795	554	TA50 18 080 V _ _ A	538,00	638,00	688,00
20	1200	21,0	1168	883	616	TA50 20 080 V _ _ A	580,00	680,00	730,00
22	1320	23,1	1285	971	677	TA50 22 080 V _ _ A	622,00	722,00	772,00
24	1440	25,2	1402	1060	739	TA50 24 080 V _ _ A	664,00	764,00	793,00
26	1560	27,3	1518	1148	800	TA50 26 080 V _ _ A	664,00	764,00	814,00
28	1680	29,4	1635	1236	862	TA50 28 080 V _ _ A	685,00	785,00	835,00
30	1800	31,5	1752	1324	923	TA50 30 080 V _ _ A	706,00	806,00	856,00
H 1000 mm									
5	300	6,4	358	269	187	TA50 05 100 V _ _ A	267,00	367,00	417,00
6	360	7,6	429	323	224	TA50 06 100 V _ _ A	289,00	389,00	439,00
8	480	10,2	572	431	299	TA50 08 100 V _ _ A	333,00	433,00	483,00
10	600	12,7	715	539	374	TA50 10 100 V _ _ A	377,00	477,00	527,00
12	720	15,3	858	646	448	TA50 12 100 V _ _ A	421,00	521,00	571,00
14	840	17,8	1001	754	523	TA50 14 100 V _ _ A	465,00	565,00	615,00
16	960	20,3	1144	862	598	TA50 16 100 V _ _ A	509,00	609,00	659,00
18	1080	22,9	1287	969	673	TA50 18 100 V _ _ A	553,00	653,00	703,00
20	1200	25,4	1430	1077	747	TA50 20 100 V _ _ A	597,00	697,00	747,00
22	1320	28,0	1573	1185	822	TA50 22 100 V _ _ A	641,00	741,00	791,00
24	1440	30,5	1716	1293	897	TA50 24 100 V _ _ A	685,00	785,00	835,00
26	1560	33,0	1859	1400	972	TA50 26 100 V _ _ A	729,00	829,00	879,00
28	1680	35,6	2002	1508	1046	TA50 28 100 V _ _ A	773,00	873,00	923,00
30	1800	38,1	2145	1616	1121	TA50 30 100 V _ _ A	817,00	917,00	967,00
H 1200 mm									
5	300	7,5	423	319	221	TA50 05 120 V _ _ A	279,00	379,00	429,00
6	360	9,0	508	382	265	TA50 06 120 V _ _ A	302,00	402,00	452,00
8	480	11,9	677	510	354	TA50 08 120 V _ _ A	348,00	448,00	498,00
10	600	14,9	846	637	442	TA50 10 120 V _ _ A	394,00	494,00	544,00
12	720	17,9	1015	764	530	TA50 12 120 V _ _ A	440,00	540,00	590,00
14	840	20,9	1184	892	619	TA50 14 120 V _ _ A	486,00	586,00	636,00
16	960	23,9	1354	1019	707	TA50 16 120 V _ _ A	532,00	632,00	682,00
18	1080	26,9	1523	1147	796	TA50 18 120 V _ _ A	578,00	678,00	728,00
20	1200	29,8	1692	1274	884	TA50 20 120 V _ _ A	624,00	724,00	774,00
22	1320	32,8	1861	1402	972	TA50 22 120 V _ _ A	670,00	770,00	820,00
24	1440	35,8	2030	1529	1061	TA50 24 120 V _ _ A	693,00	793,00	843,00
26	1560	38,8	2200	1656	1149	TA50 26 120 V _ _ A	716,00	816,00	866,00
28	1680	41,8	2369	1784	1237	TA50 28 120 V _ _ A	739,00	839,00	889,00
30	1800	44,8	2538	1911	1326	TA50 30 120 V _ _ A	762,00	862,00	912,00

TAMARA

VERTICAL

							Price [€]		
El.	Width	Dry Weight	Thermal output			Art. nr.			
			Δt 50°C	Δt 40°C	Δt 30°C				
n°	L [mm]	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 1400 mm									
5	300	8,6	489	368	255	TA50 05 140 V__A	283,00	383,00	433,00
6	360	10,3	586	441	306	TA50 06 140 V__A	307,00	407,00	457,00
8	480	13,7	782	588	408	TA50 08 140 V__A	355,00	455,00	505,00
10	600	17,1	977	736	510	TA50 10 140 V__A	403,00	503,00	553,00
12	720	20,6	1172	883	612	TA50 12 140 V__A	451,00	551,00	601,00
14	840	24,0	1368	1030	714	TA50 14 140 V__A	499,00	599,00	649,00
16	960	27,4	1563	1177	816	TA50 16 140 V__A	547,00	647,00	697,00
18	1080	30,9	1759	1324	918	TA50 18 140 V__A	595,00	695,00	745,00
20	1200	34,3	1954	1471	1020	TA50 20 140 V__A	643,00	743,00	793,00
22	1320	37,7	2149	1618	1122	TA50 22 140 V__A	691,00	791,00	841,00
24	1440	41,1	2345	1765	1224	TA50 24 140 V__A	715,00	815,00	865,00
26	1560	44,6	2540	1912	1326	TA50 26 140 V__A	739,00	839,00	889,00
28	1680	48,0	2736	2060	1428	TA50 28 140 V__A	763,00	863,00	913,00
30	1800	51,4	2931	2207	1530	TA50 30 140 V__A	787,00	887,00	937,00
H 1600 mm									
5	300	9,7	555	417	289	TA50 05 160 V__A	287,00	387,00	437,00
6	360	11,6	665	501	347	TA50 06 160 V__A	312,00	412,00	462,00
8	480	15,5	887	668	463	TA50 08 160 V__A	362,00	462,00	512,00
10	600	19,4	1109	835	579	TA50 10 160 V__A	412,00	512,00	562,00
12	720	23,2	1331	1002	695	TA50 12 160 V__A	462,00	562,00	612,00
14	840	27,1	1553	1169	810	TA50 14 160 V__A	512,00	612,00	662,00
16	960	31,0	1774	1336	926	TA50 16 160 V__A	562,00	662,00	712,00
18	1080	34,8	1996	1503	1042	TA50 18 160 V__A	612,00	712,00	762,00
20	1200	38,7	2218	1670	1158	TA50 20 160 V__A	662,00	762,00	812,00
22	1320	42,6	2440	1836	1273	TA50 22 160 V__A	712,00	812,00	862,00
24	1440	46,4	2662	2003	1389	TA50 24 160 V__A	737,00	837,00	887,00
26	1560	50,3	2883	2170	1505	TA50 26 160 V__A	762,00	862,00	912,00
28	1680	54,2	3105	2337	1621	TA50 28 160 V__A	787,00	887,00	937,00
30	1800	58,1	3327	2504	1736	TA50 30 160 V__A	812,00	912,00	962,00
H 1800 mm									
5	300	10,8	621	467	324	TA50 05 180 V__A	301,00	401,00	451,00
6	360	12,9	745	561	389	TA50 06 180 V__A	328,00	428,00	478,00
8	480	17,3	994	748	518	TA50 08 180 V__A	382,00	482,00	532,00
10	600	21,6	1242	935	648	TA50 10 180 V__A	436,00	536,00	586,00
12	720	25,9	1490	1122	777	TA50 12 180 V__A	490,00	590,00	640,00
14	840	30,2	1739	1309	907	TA50 14 180 V__A	544,00	644,00	694,00
16	960	34,5	1987	1496	1037	TA50 16 180 V__A	598,00	698,00	748,00
18	1080	38,8	2236	1682	1166	TA50 18 180 V__A	652,00	752,00	802,00
20	1200	43,1	2484	1869	1296	TA50 20 180 V__A	706,00	806,00	856,00
22	1320	47,5	2732	2056	1425	TA50 22 180 V__A	760,00	860,00	910,00
24	1440	51,8	2981	2243	1555	TA50 24 180 V__A	814,00	914,00	964,00
26	1560	56,1	3229	2430	1685	TA50 26 180 V__A	868,00	968,00	1.018,00
28	1680	60,4	3478	2617	1814	TA50 28 180 V__A	922,00	1.022,00	1.072,00
30	1800	64,7	3726	2804	1944	TA50 30 180 V__A	976,00	1.076,00	1.126,00
H 2000 mm									
5	300	11,9	688	518	359	TA50 05 200 V__A	303,00	403,00	453,00
6	360	14,3	826	621	430	TA50 06 200 V__A	332,00	432,00	482,00
8	480	19,0	1101	828	574	TA50 08 200 V__A	390,00	490,00	540,00
10	600	23,8	1376	1035	717	TA50 10 200 V__A	448,00	548,00	598,00
12	720	28,5	1651	1242	861	TA50 12 200 V__A	506,00	606,00	656,00
14	840	33,3	1926	1449	1004	TA50 14 200 V__A	564,00	664,00	714,00
16	960	38,1	2202	1657	1148	TA50 16 200 V__A	622,00	722,00	772,00
18	1080	42,8	2477	1864	1291	TA50 18 200 V__A	680,00	780,00	830,00
20	1200	47,6	2752	2071	1435	TA50 20 200 V__A	738,00	838,00	888,00
22	1320	52,3	3027	2278	1578	TA50 22 200 V__A	796,00	896,00	946,00
24	1440	57,1	3302	2485	1722	TA50 24 200 V__A	854,00	954,00	1.004,00
26	1560	61,9	3578	2692	1865	TA50 26 200 V__A	912,00	1.012,00	1.062,00
28	1680	66,6	3853	2899	2009	TA50 28 200 V__A	970,00	1.070,00	1.120,00
30	1800	71,4	4128	3106	2152	TA50 30 200 V__A	1.028,00	1.128,00	1.178,00

HOW TO ORDER THE TAMARA VERTICAL RADIATOR

Radiator model E.g.: Tamara VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V02	Color code Es: R01 - White	Constant value
TA50	24	180	V02	R01	A

Example of article code creation

TA50 TAMARA VERTICAL
24 24 Elements
180 Height 1800 mm
V02 Connection V02 (see product page)
R01 Color R01 - White (see color chart)
A Constant value

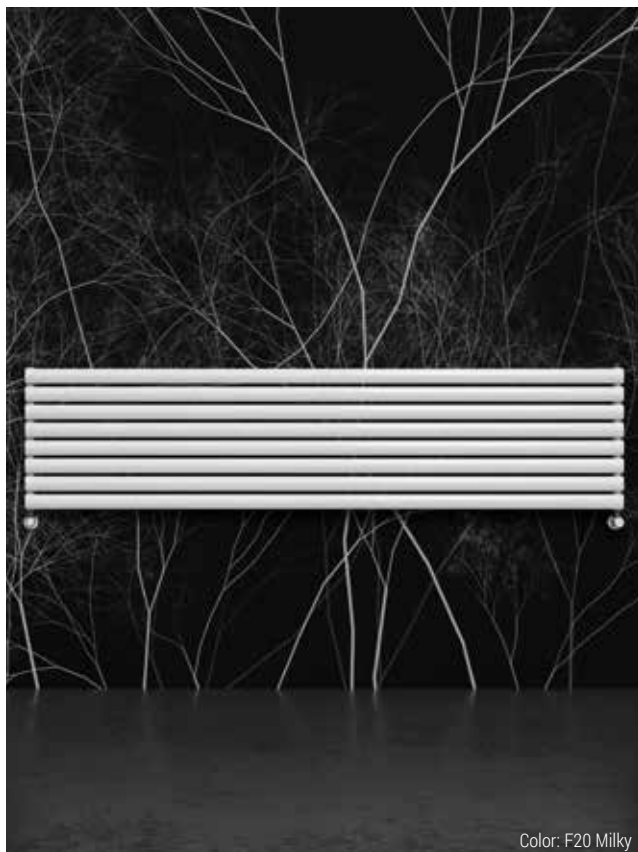
The article code will be:

TA50 24 180 V02 R01 A

TAMARA

HORIZONTAL

WARRANTY 5 YEARS



Color: F20 Milky

Width L [mm]	600	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	39,6	54	67,3	79,3	90,1	99,4	107,4	110,9	114
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	21,9	29,6	36,8	43,5	49,6	54,9	61,5	63,8	66,0
Dry Weight per element [kg]	0,827	1,049	1,271	1,492	1,714	1,935	2,157	2,270	2,379
Water content [lt]	0,608	0,805	1,001	1,198	1,394	1,590	1,787	1,885	1,983
Element surface [m ²]	0,083	0,107	0,130	0,154	0,177	0,201	0,224	0,236	0,248
Exponent n	1,1637	1,1721	1,1805	1,1749	1,1692	1,1636	1,0913	1,0812	1,0701
Pipe Centres I [mm] (H1 only)	566	766	966	1166	1366	1566	1766	1866	1966

For output at different Δt , please refer to the following formula: $\text{desired output} = \text{output at } \Delta t 50 \times (\text{Desired } \Delta t / 50)^n$

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x25 mm horizontal heating elements, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

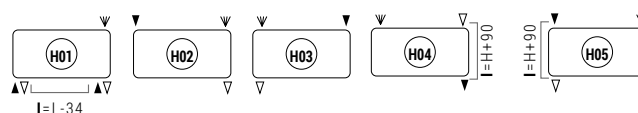
COLORS:

See color chart on pages II and III.

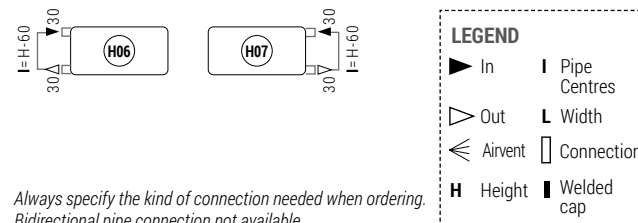
CERTIFICATES



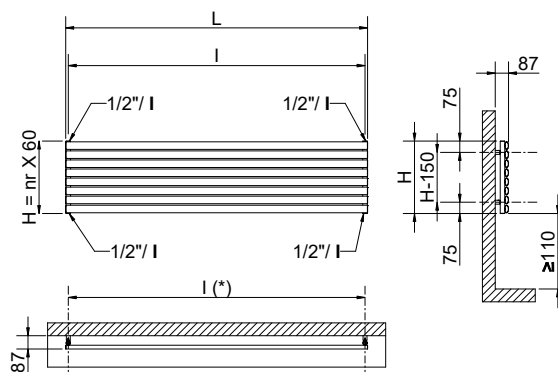
STANDARD CONNECTIONS WITHOUT SURCHARGE



SPECIAL CONNECTIONS (SURCHARGE € 62,00)

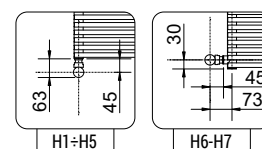


Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

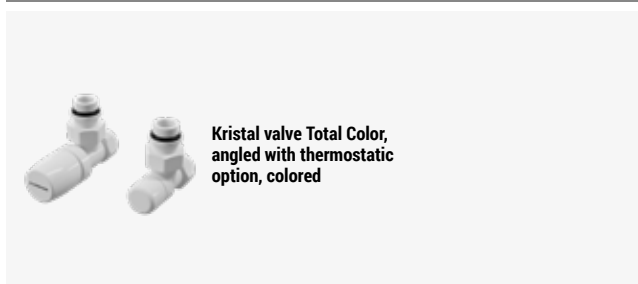


(*) Pipe center (I) measure of the fixing kit

Quotes for Kristal valves



AVAILABLE ACCESSORIES



Kristal valve Total Color,
angled with thermostatic
option, colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

FEATURES

P. max: 5 bar

Functioning: **hot water**

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

HOW TO ORDER THE TAMARA HORIZONTAL RADIATOR

Radiator model E.g.: Tamara horizontal	Nr of Elements E.g.: 18 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H02	Color code Es: R01 - White	Constant value
TA50	18	120	H02	R01	A

Example of article code creation

TA50 TAMARA HORIZONTAL
18 18 Elements (see table below)
120 Width 1200 mm (see table below)
H02 Connection H02 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

TA50 18 120 H02 R01 A

Width L [mm]		600		800		1000		1200		1400		1600		1800		1900		2000	
Height H [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
300	5	198	260,00	270	265,00	337	267,00	397	279,00	451	283,00	497	287,00	537	301,00	555	302,00	570	303,00
360	6	238	280,00	324	286,00	404	289,00	476	302,00	541	307,00	596	312,00	644	328,00	665	330,00	684	332,00
420	7	277	300,00	378	307,00	471	311,00	555	325,00	631	331,00	696	337,00	752	355,00	776	358,00	798	361,00
480	8	317	320,00	432	328,00	538	333,00	634	348,00	721	355,00	795	362,00	859	382,00	887	386,00	912	390,00
540	9	356	340,00	486	349,00	606	355,00	714	371,00	811	379,00	895	387,00	967	409,00	998	414,00	1026	419,00
600	10	396	360,00	540	370,00	673	377,00	793	394,00	901	403,00	994	412,00	1074	436,00	1109	442,00	1140	448,00
660	11	436	380,00	594	391,00	740	399,00	872	417,00	991	427,00	1093	437,00	1181	463,00	1220	470,00	1254	477,00
720	12	475	400,00	648	412,00	808	421,00	952	440,00	1081	451,00	1193	462,00	1289	490,00	1331	498,00	1368	506,00
780	13	515	420,00	702	433,00	875	443,00	1031	463,00	1171	475,00	1292	487,00	1396	517,00	1442	526,00	1482	535,00
840	14	554	440,00	756	454,00	942	465,00	1110	486,00	1261	499,00	1392	512,00	1504	544,00	1553	554,00	1596	564,00
900	15	594	460,00	810	475,00	1010	487,00	1190	509,00	1352	523,00	1491	537,00	1611	571,00	1664	582,00	1710	593,00
960	16	634	480,00	864	496,00	1077	509,00	1269	532,00	1442	547,00	1590	562,00	1718	598,00	1774	610,00	1824	622,00
1020	17	673	500,00	918	517,00	1144	531,00	1348	555,00	1532	571,00	1690	587,00	1826	625,00	1885	638,00	1938	651,00
1080	18	713	520,00	972	538,00	1211	553,00	1427	578,00	1622	595,00	1789	612,00	1933	652,00	1996	666,00	2052	680,00
1140	19	752	540,00	1026	559,00	1279	575,00	1507	601,00	1712	619,00	1889	637,00	2041	679,00	2107	694,00	2166	709,00
1200	20	792	560,00	1080	580,00	1346	597,00	1586	624,00	1802	643,00	1988	662,00	2148	706,00	2218	722,00	2280	738,00
1260	21	832	580,00	1134	601,00	1413	619,00	1665	647,00	1892	667,00	2087	687,00	2255	733,00	2329	750,00	2394	767,00
1320	22	871	600,00	1188	622,00	1481	641,00	1745	670,00	1982	691,00	2187	712,00	2363	760,00	2440	778,00	2508	796,00
1380	23	911	620,00	1242	643,00	1548	663,00	1824	693,00	2072	715,00	2286	737,00	2470	787,00	2551	806,00	2622	825,00
1440	24	950	640,00	1296	664,00	1615	685,00	1903	716,00	2162	739,00	2386	762,00	2578	814,00	2662	834,00	2736	854,00
1500	25	990	660,00	1350	685,00	1683	707,00	1983	739,00	2253	763,00	2485	787,00	2685	841,00	2773	862,00	2850	883,00
1560	26	1030	680,00	1404	706,00	1750	729,00	2062	762,00	2343	787,00	2584	812,00	2792	868,00	2883	890,00	2964	912,00
1620	27	1069	700,00	1458	727,00	1817	751,00	2141	785,00	2433	811,00	2684	837,00	2900	895,00	2994	918,00	3078	941,00
1680	28	1109	720,00	1512	748,00	1884	773,00	2220	808,00	2523	835,00	2783	862,00	3007	922,00	3105	946,00	3192	970,00
1740	29	1148	740,00	1566	769,00	1952	795,00	2300	831,00	2613	859,00	2883	887,00	3115	949,00	3216	974,00	3306	999,00
1800	30	1188	760,00	1620	790,00	2019	817,00	2379	854,00	2703	883,00	2982	912,00	3222	976,00	3327	1.002,00	3420	1.028,00

Prices are referred to color WHITE R01 version and STANDARD connection.

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TOWEL RAILS

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TAMARA

HORIZONTAL

							Thermal output			Price [€]		
Elements	Width	Exponent	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.					
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color		
H 360 mm												
6	600	1,1637	5,0	238	184	131	TA50 06 060 H__ _ A	280,00	380,00	430,00		
	800	1,1721	6,3	324	249	178	TA50 06 080 H__ _ A	286,00	386,00	436,00		
	1000	1,1805	7,6	404	310	221	TA50 06 100 H__ _ A	289,00	389,00	439,00		
	1200	1,1749	9,0	476	366	261	TA50 06 120 H__ _ A	302,00	402,00	452,00		
	1400	1,1692	10,3	451	347	248	TA50 06 140 H__ _ A	307,00	407,00	457,00		
	1600	1,1636	11,6	596	460	329	TA50 06 160 H__ _ A	312,00	412,00	462,00		
	1800	1,0913	12,9	644	505	369	TA50 06 180 H__ _ A	328,00	428,00	478,00		
	2000	1,0701	14,3	684	539	396	TA50 06 200 H__ _ A	332,00	432,00	482,00		
H 480 mm												
8	600	1,1637	6,6	317	245	175	TA50 08 060 H__ _ A	320,00	420,00	470,00		
	800	1,1721	8,4	432	333	237	TA50 08 080 H__ _ A	328,00	428,00	478,00		
	1000	1,1805	10,2	538	413	294	TA50 08 100 H__ _ A	333,00	433,00	483,00		
	1200	1,1749	11,9	634	488	348	TA50 08 120 H__ _ A	348,00	448,00	498,00		
	1400	1,1692	13,7	721	555	397	TA50 08 140 H__ _ A	355,00	455,00	505,00		
	1600	1,1636	15,5	795	613	439	TA50 08 160 H__ _ A	362,00	462,00	512,00		
	1800	1,0913	17,3	859	673	492	TA50 08 180 H__ _ A	382,00	482,00	532,00		
	2000	1,0701	19,0	912	718	528	TA50 08 200 H__ _ A	390,00	490,00	540,00		
H 600 mm												
10	600	1,1637	0,8	396	305	219	TA50 10 060 H__ _ A	360,00	460,00	510,00		
	800	1,1721	1,0	540	416	297	TA50 10 080 H__ _ A	370,00	470,00	520,00		
	1000	1,1805	1,3	673	517	368	TA50 10 100 H__ _ A	377,00	477,00	527,00		
	1200	1,1749	1,5	793	610	435	TA50 10 120 H__ _ A	394,00	494,00	544,00		
	1400	1,1692	1,7	901	694	496	TA50 10 140 H__ _ A	403,00	503,00	553,00		
	1600	1,1636	1,9	994	767	549	TA50 10 160 H__ _ A	412,00	512,00	562,00		
	1800	1,0913	2,2	1074	842	615	TA50 10 180 H__ _ A	436,00	536,00	586,00		
	2000	1,0701	2,4	1140	898	660	TA50 10 200 H__ _ A	448,00	548,00	598,00		

TAMARA

HORIZONTAL

								Price [€]		
Elements	Width	Exponent	Dry Weight	Thermal output			Art. nr.			
				Δt 50°C	Δt 40°C	Δt 30°C				
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 720 mm										
12	600	1,1637	9,9	475	366	262	TA50 12 060 H__ A	400,00	500,00	550,00
	800	1,1721	12,6	648	499	356	TA50 12 080 H__ A	412,00	512,00	562,00
	1000	1,1805	15,3	808	621	442	TA50 12 100 H__ A	421,00	521,00	571,00
	1200	1,1749	17,9	952	732	522	TA50 12 120 H__ A	440,00	540,00	590,00
	1400	1,1692	20,6	1081	833	595	TA50 12 140 H__ A	451,00	551,00	601,00
	1600	1,1636	23,2	1193	920	658	TA50 12 160 H__ A	462,00	562,00	612,00
	1800	1,0913	25,9	1289	1010	738	TA50 12 180 H__ A	490,00	590,00	640,00
	2000	1,0701	28,5	1368	1077	792	TA50 12 200 H__ A	506,00	606,00	656,00
H 840 mm										
14	600	1,1637	11,6	554	427	306	TA50 14 060 H__ A	440,00	540,00	590,00
	800	1,1721	14,7	756	582	415	TA50 14 080 H__ A	454,00	554,00	604,00
	1000	1,1805	17,8	942	724	515	TA50 14 100 H__ A	465,00	565,00	615,00
	1200	1,1749	20,9	1110	854	609	TA50 14 120 H__ A	486,00	586,00	636,00
	1400	1,1692	24,0	1261	971	694	TA50 14 140 H__ A	499,00	599,00	649,00
	1600	1,1636	27,1	1392	1074	768	TA50 14 160 H__ A	512,00	612,00	662,00
	1800	1,0913	30,2	1504	1179	861	TA50 14 180 H__ A	544,00	644,00	694,00
	2000	1,0701	33,3	1596	1257	924	TA50 14 200 H__ A	564,00	664,00	714,00
H 960 mm										
16	600	1,1637	13,2	634	489	350	TA50 16 060 H__ A	480,00	580,00	630,00
	800	1,1721	16,8	864	665	475	TA50 16 080 H__ A	496,00	596,00	646,00
	1000	1,1805	20,3	1077	828	589	TA50 16 100 H__ A	509,00	609,00	659,00
	1200	1,1749	23,9	1269	976	696	TA50 16 120 H__ A	532,00	632,00	682,00
	1400	1,1692	27,4	1442	1111	794	TA50 16 140 H__ A	547,00	647,00	697,00
	1600	1,1636	31,0	1590	1226	878	TA50 16 160 H__ A	562,00	662,00	712,00
	1800	1,0913	34,5	1718	1347	984	TA50 16 180 H__ A	598,00	698,00	748,00
	2000	1,0701	38,1	1824	1437	1056	TA50 16 200 H__ A	622,00	722,00	772,00

HOW TO ORDER THE TAMARA HORIZONTAL RADIATOR

Radiator model E.g.: Tamara horizontal	Nr of Elements E.g.: 18 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H02	Color code Es: R01 - White	Constant value
TA50	18	120	H02	R01	A

Example of article code creation

TA50 TAMARA Horizontal
 18 18 Elements
 120 Width 1200 mm
 H02 Connection H02 (see product page)
 R01 Color R01 - White (see color chart)
 A Constant value

The article code will be:
TA50 18 120 H02 R01 A

TAMARA

TANDEM VERTICAL

WARRANTY 5 YEARS

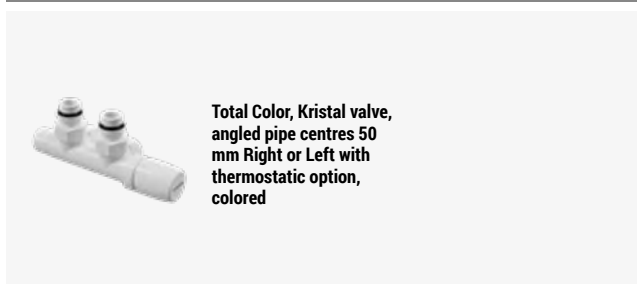


Color: F27 Moonshine

Height H [mm]	600	634	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	69,7	73,2	90,1	110,1	129,8	149,3	168,7	188	197,7	207,3
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	36,2	37,8	46,7	56,9	66,9	76,7	86,4	96,6	101,6	106,7
Dry Weight per element [kg]	1,528	1,614	1,972	2,415	2,858	3,302	3,745	4,188	4,202	4,419
Water content [lt]	1,195	1,255	1,587	1,980	2,373	2,765	3,158	3,551	3,747	3,943
Element surface [m ²]	0,156	0,158	0,203	0,250	0,297	0,344	0,391	0,438	0,475	0,485
Exponent n	1,2831	1,2843	1,2883	1,2935	1,2987	1,3038	1,3089	1,3042	1,3034	1,2994
Pipe Centres I [mm] (V3-V4 only)	566	600	766	966	1166	1366	1566	1766	1866	1966

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

AVAILABLE ACCESSORIES



Total Color, Kristal valve,
angled pipe centres 50
mm Right or Left with
thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm horizontal collectors in painted mild steel.
- 50x25 mm double vertical heating, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

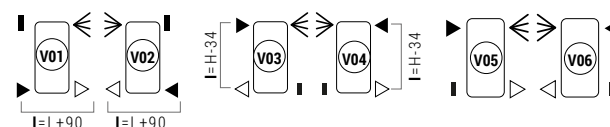
COLORS:

See color chart on pages II and III.

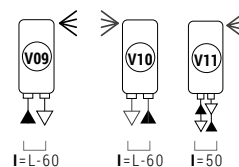
CERTIFICATES



STANDARD CONNECTIONS WITHOUT SURCHARGE



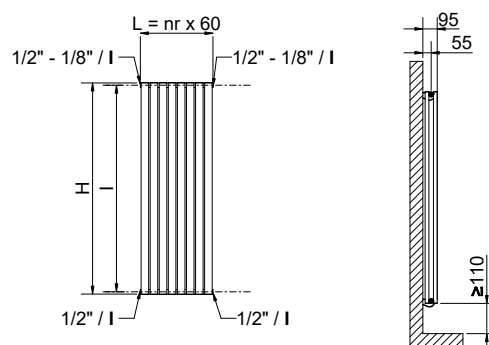
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



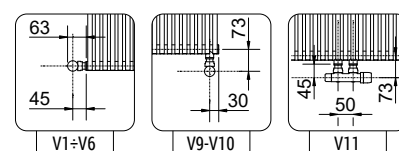
Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.

LEGEND

► In	I Pipe Centres
◄ Out	L Width
≡ Airvent	Connection
H Height	Welded cap



Quotes for Kristal valves



FEATURES

P. max: 5 bar

Functioning: **hot water**

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

HOW TO ORDER THE TAMARA TANDEM VERTICAL RADIATOR

Radiator model E.g.: Tamara tandem VERTICAL	Nr of Elements E.g.: 12 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V02	Color code Es: R01 - White	Constant value
TT50	12	180	V02	R01	A

Example of article code creation

TT50 ... TAMARA TANDEM VERTICAL
12 ... 12 Elements (see table below)
180 ... Height 1800 mm (see table below)
V02 ... Connection V02 (see next page)
R01 ... Color R01 - White (see color chart)
A ... Constant value

The article code will be:

TT50 12 180 V02 R01 A

Height H [mm]		600		634		800		1000		1200		1400		1600		1800		1900		2000	
Width L [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
300	5	349	324,00	366	326,00	451	338,00	551	354,00	649	374,00	747	403,00	844	428,00	940	468,00	989	471,00	1037	474,00
360	6	418	360,00	439	363,00	541	376,00	661	393,00	779	414,00	896	444,00	1012	470,00	1128	513,00	1186	518,00	1244	523,00
420	7	488	301,00	512	400,00	631	414,00	771	432,00	909	454,00	1045	485,00	1181	512,00	1316	558,00	1384	565,00	1451	572,00
480	8	558	432,00	586	437,00	721	452,00	881	471,00	1038	494,00	1194	526,00	1350	554,00	1504	603,00	1582	612,00	1658	621,00
540	9	627	367,00	659	474,00	811	490,00	991	510,00	1168	534,00	1344	567,00	1518	596,00	1692	648,00	1779	659,00	1866	670,00
600	10	697	504,00	732	511,00	901	528,00	1101	549,00	1298	574,00	1493	608,00	1687	638,00	1880	693,00	1977	706,00	2073	719,00
660	11	767	540,00	805	548,00	991	566,00	1211	588,00	1428	614,00	1642	649,00	1856	680,00	2068	738,00	2175	753,00	2280	768,00
720	12	836	576,00	878	585,00	1081	604,00	1321	627,00	1558	654,00	1792	690,00	2024	722,00	2256	783,00	2372	800,00	2488	817,00
780	13	906	612,00	952	622,00	1171	642,00	1431	666,00	1687	694,00	1941	731,00	2193	764,00	2444	828,00	2570	847,00	2695	866,00
840	14	976	648,00	1025	659,00	1261	680,00	1541	705,00	1817	734,00	2090	772,00	2362	806,00	2632	873,00	2768	894,00	2902	915,00
900	15	1046	684,00	1098	696,00	1352	718,00	1652	744,00	1947	774,00	2240	813,00	2531	848,00	2820	918,00	2966	941,00	3110	964,00
960	16	1115	720,00	1171	733,00	1442	756,00	1762	783,00	2077	814,00	2389	854,00	2699	890,00	3008	963,00	3163	988,00	3317	1.013,00
1020	17	1185	756,00	1244	770,00	1532	794,00	1872	822,00	2207	854,00	2538	895,00	2868	932,00	3196	1.008,00	3361	1.035,00	3524	1.062,00
1080	18	1255	792,00	1318	807,00	1622	832,00	1982	861,00	2336	894,00	2687	936,00	3037	974,00	3384	1.053,00	3559	1.082,00	3731	1.111,00
1140	19	1324	828,00	1391	844,00	1712	870,00	2092	900,00	2466	934,00	2837	977,00	3205	1.016,00	3572	1.098,00				
1200	20	1394	864,00	1464	881,00	1802	908,00	2202	939,00	2596	974,00	2986	1.018,00	3374	1.058,00						
1260	21	1464	900,00	1537	918,00	1892	946,00	2312	978,00	2726	1.014,00	3135	1.059,00	3543	1.100,00						
1320	22	1533	936,00	1610	955,00	1982	984,00	2422	1.017,00	2856	1.054,00	3285	1.100,00	3711	1.142,00						
1380	23	1603	972,00	1684	992,00	2072	1.022,00	2532	1.056,00	2985	1.094,00	3434	1.141,00								
1440	24	1673	1.008,00	1757	1.029,00	2162	1.060,00	2642	1.095,00	3115	1.134,00	3583	1.182,00								
1500	25	1743	1.044,00	1830	1.066,00	2253	1.098,00	2753	1.134,00	3245	1.174,00	3733	1.223,00								
1560	26	1812	1.080,00	1903	1.103,00	2343	1.136,00	2863	1.173,00	3375	1.214,00										
1620	27	1882	1.116,00	1976	1.140,00	2433	1.174,00	2973	1.212,00	3505	1.254,00										
1680	28	1952	1.152,00	2050	1.177,00	2523	1.212,00	3083	1.251,00	3634	1.294,00										
1740	29	2021	1.188,00	2123	1.214,00	2613	1.250,00	3193	1.290,00	3764	1.334,00										
1800	30	2091	1.224,00	2196	1.251,00	2703	1.288,00	3303	1.329,00												

Prices are referred to color WHITE R01 version and STANDARD connection.

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STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

TAMARA

TANDEM VERTICAL

							Price [€]		
El.	Width	Dry Weight	Thermal output			Art. nr.			
			Δt 50°C	Δt 40°C	Δt 30°C				
n°	L [mm]	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 600 mm									
5	300	7,6	349	262	180,9	TT50 05 060 V __ A	324,00	424,00	474,00
6	360	9,2	418	314	217,1	TT50 06 060 V __ A	360,00	460,00	510,00
7	420	10,7	488	366	253,3	TT50 07 060 V __ A	301,00	401,00	451,00
8	480	12,2	558	419	289,5	TT50 08 060 V __ A	432,00	532,00	582,00
10	600	15,3	697	523	361,9	TT50 10 060 V __ A	504,00	604,00	654,00
12	720	18,3	836	628	434,3	TT50 12 060 V __ A	576,00	676,00	726,00
14	840	21,4	976	733	506,6	TT50 14 060 V __ A	648,00	748,00	798,00
16	960	24,4	1115	838	579,0	TT50 16 060 V __ A	720,00	820,00	870,00
18	1080	27,5	1255	942	651,4	TT50 18 060 V __ A	792,00	892,00	942,00
20	1200	30,6	1394	1047	723,8	TT50 20 060 V __ A	864,00	964,00	1.014,00
22	1320	33,6	1533	1152	796,2	TT50 22 060 V __ A	936,00	1.036,00	1.086,00
24	1440	36,7	1673	1256	868,5	TT50 24 060 V __ A	1.008,00	1.108,00	1.158,00
26	1560	39,7	1812	1361	940,9	TT50 26 060 V __ A	1.080,00	1.180,00	1.230,00
28	1680	42,8	1952	1466	1013	TT50 28 060 V __ A	1.152,00	1.252,00	1.302,00
H 800 mm									
5	300	9,9	451	338	233	TT50 05 080 V __ A	338,00	438,00	488,00
6	360	11,8	541	406	280	TT50 06 080 V __ A	376,00	476,00	526,00
7	420	13,8	631	473	327	TT50 07 080 V __ A	414,00	514,00	564,00
8	480	15,8	721	541	373	TT50 08 080 V __ A	452,00	552,00	602,00
10	600	19,7	901	676	467	TT50 10 080 V __ A	528,00	628,00	678,00
12	720	23,7	1081	811	560	TT50 12 080 V __ A	604,00	704,00	754,00
14	840	27,6	1261	946	653	TT50 14 080 V __ A	680,00	780,00	830,00
16	960	31,6	1442	1081	747	TT50 16 080 V __ A	756,00	856,00	906,00
18	1080	35,5	1622	1217	840	TT50 18 080 V __ A	832,00	932,00	982,00
20	1200	39,4	1802	1352	933	TT50 20 080 V __ A	908,00	1.008,00	1.058,00
22	1320	43,4	1982	1487	1026	TT50 22 080 V __ A	984,00	1.084,00	1.134,00
24	1440	47,3	2162	1622	1120	TT50 24 080 V __ A	1.060,00	1.160,00	1.210,00
26	1560	51,3	2343	1757	1213	TT50 26 080 V __ A	1.136,00	1.236,00	1.286,00
28	1680	55,2	2523	1892	1306	TT50 28 080 V __ A	1.212,00	1.312,00	1.362,00
H 1000 mm									
5	300	12,1	551	412	284	TT50 05 100 V __ A	354,00	454,00	504,00
6	360	14,5	661	495	341	TT50 06 100 V __ A	393,00	493,00	543,00
7	420	16,9	771	577	398	TT50 07 100 V __ A	432,00	532,00	582,00
8	480	19,3	881	660	455	TT50 08 100 V __ A	471,00	571,00	621,00
10	600	24,2	1101	825	569	TT50 10 100 V __ A	549,00	649,00	699,00
12	720	29,0	1321	990	682	TT50 12 100 V __ A	627,00	727,00	777,00
14	840	33,8	1541	1155	796	TT50 14 100 V __ A	705,00	805,00	855,00
16	960	38,6	1762	1320	910	TT50 16 100 V __ A	783,00	883,00	933,00
18	1080	43,5	1982	1485	1024	TT50 18 100 V __ A	861,00	961,00	1.011,00
20	1200	48,3	2202	1650	1137	TT50 20 100 V __ A	939,00	1.039,00	1.089,00
22	1320	53,1	2422	1815	1251	TT50 22 100 V __ A	1.017,00	1.117,00	1.167,00
24	1440	58,0	2642	1980	1365	TT50 24 100 V __ A	1.095,00	1.195,00	1.245,00
26	1560	62,8	2863	2145	1478	TT50 26 100 V __ A	1.173,00	1.273,00	1.323,00
28	1680	67,6	3083	2310	1592	TT50 28 100 V __ A	1.251,00	1.351,00	1.401,00
H 1200 mm									
5	300	14,3	649	486	334	TT50 05 120 V __ A	374,00	474,00	524,00
6	360	17,1	779	583	401	TT50 06 120 V __ A	414,00	514,00	564,00
7	420	20,0	909	680	468	TT50 07 120 V __ A	454,00	554,00	604,00
8	480	22,9	1038	777	535	TT50 08 120 V __ A	494,00	594,00	644,00
10	600	28,6	1298	971	669	TT50 10 120 V __ A	574,00	674,00	724,00
12	720	34,3	1558	1166	802	TT50 12 120 V __ A	654,00	754,00	804,00
14	840	40,0	1817	1360	936	TT50 14 120 V __ A	734,00	834,00	884,00
16	960	45,7	2077	1554	1070	TT50 16 120 V __ A	814,00	914,00	964,00
18	1080	51,4	2336	1749	1203	TT50 18 120 V __ A	894,00	994,00	1.044,00
20	1200	57,2	2596	1943	1337	TT50 20 120 V __ A	974,00	1.074,00	1.124,00
22	1320	62,9	2856	2137	1471	TT50 22 120 V __ A	1.054,00	1.154,00	1.204,00
24	1440	68,6	3115	2331	1605	TT50 24 120 V __ A	1.134,00	1.234,00	1.284,00
26	1560	74,3	3375	2526	1738	TT50 26 120 V __ A	1.214,00	1.314,00	1.364,00
28	1680	80,0	3634	2720	1872	TT50 28 120 V __ A	1.294,00	1.394,00	1.444,00

TAMARA

TANDEM VERTICAL

							Price [€]		
									
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.	R01 White	CLASSIC Color	SPECIAL Color
n°	L [mm]	[Kg]	[Watt]						
H 1400 mm									
5	300	16,5	747	558	384	TT50 05 140 V__A	403,00	503,00	553,00
6	360	19,8	896	670	460	TT50 06 140 V__A	444,00	544,00	594,00
7	420	23,1	1045	781	537	TT50 07 140 V__A	485,00	585,00	635,00
8	480	26,4	1194	893	614	TT50 08 140 V__A	526,00	626,00	676,00
9	540	29,7	1344	1005	690	TT50 09 140 V__A	567,00	667,00	717,00
10	600	33,0	1493	1116	767	TT50 10 140 V__A	608,00	708,00	758,00
12	720	39,6	1792	1339	920	TT50 12 140 V__A	690,00	790,00	840,00
14	840	46,2	2090	1563	1074	TT50 14 140 V__A	772,00	872,00	922,00
16	960	52,8	2389	1786	1227	TT50 16 140 V__A	854,00	954,00	1.004,00
18	1080	59,4	2687	2009	1381	TT50 18 140 V__A	936,00	1.036,00	1.086,00
20	1200	66,0	2986	2232	1534	TT50 20 140 V__A	1.018,00	1.118,00	1.168,00
22	1320	72,6	3285	2455	1687	TT50 22 140 V__A	1.100,00	1.200,00	1.250,00
24	1440	79,2	3583	2679	1841	TT50 24 140 V__A	1.182,00	1.282,00	1.332,00
26	1500	82,6	3733	2790	1918	TT50 26 140 V__A	1.223,00	1.323,00	1.373,00
H 1600 mm									
5	300	18,7	844	630	432	TT50 05 160 V__A	428,00	528,00	578,00
6	360	22,5	1012	756	519	TT50 06 160 V__A	470,00	570,00	620,00
7	420	26,2	1181	882	605	TT50 07 160 V__A	512,00	612,00	662,00
8	480	30,0	1350	1008	692	TT50 08 160 V__A	554,00	654,00	704,00
9	540	33,7	1518	1134	778	TT50 09 160 V__A	596,00	696,00	746,00
10	600	37,5	1687	1260	864	TT50 10 160 V__A	638,00	738,00	788,00
12	720	44,9	2024	1512	1037	TT50 12 160 V__A	722,00	822,00	872,00
14	840	52,4	2362	1764	1210	TT50 14 160 V__A	806,00	906,00	956,00
16	960	59,9	2699	2016	1383	TT50 16 160 V__A	890,00	990,00	1.040,00
18	1080	67,4	3037	2267	1556	TT50 18 160 V__A	974,00	1.074,00	1.124,00
19	1140	71,2	3205	2393	1642	TT50 19 160 V__A	1.016,00	1.116,00	1.166,00
20	1200	74,9	3374	2519	1729	TT50 20 160 V__A	1.058,00	1.158,00	1.208,00
21	1260	78,6	3543	2645	1815	TT50 21 160 V__A	1.100,00	1.200,00	1.250,00
22	1320	82,4	3711	2771	1902	TT50 22 160 V__A	1.142,00	1.242,00	1.292,00
H 1800 mm									
5	300	20,9	940	703	483	TT50 05 180 V__A	468,00	568,00	618,00
6	360	25,1	1128	843	579	TT50 06 180 V__A	513,00	613,00	663,00
7	420	29,3	1316	984	676	TT50 07 180 V__A	558,00	658,00	708,00
8	480	33,5	1504	1124	773	TT50 08 180 V__A	603,00	703,00	753,00
9	540	37,7	1692	1265	869	TT50 09 180 V__A	648,00	748,00	798,00
10	600	41,9	1880	1405	966	TT50 10 180 V__A	693,00	793,00	843,00
11	660	46,1	2068	1546	1062	TT50 11 180 V__A	738,00	838,00	888,00
12	720	50,3	2256	1686	1159	TT50 12 180 V__A	783,00	883,00	933,00
13	780	54,4	2444	1827	1255	TT50 13 180 V__A	828,00	928,00	978,00
14	840	58,6	2632	1967	1352	TT50 14 180 V__A	873,00	973,00	1.023,00
15	900	62,8	2820	2108	1448	TT50 15 180 V__A	918,00	1.018,00	1.068,00
16	960	67,0	3008	2248	1545	TT50 16 180 V__A	963,00	1.063,00	1.113,00
17	1020	71,2	3196	2389	1642	TT50 17 180 V__A	1.008,00	1.108,00	1.158,00
18	1080	75,4	3384	2530	1738	TT50 18 180 V__A	1.053,00	1.153,00	1.203,00
19	1140	79,6	3572	2670	1835	TT50 19 180 V__A	1.098,00	1.198,00	1.248,00
H 2000 mm									
5	300	22,1	1037	776	534	TT50 05 200 V__A	474,00	574,00	624,00
6	360	26,5	1244	931	640	TT50 06 200 V__A	523,00	623,00	673,00
7	420	30,9	1451	1086	747	TT50 07 200 V__A	572,00	672,00	722,00
8	480	35,4	1658	1241	854	TT50 08 200 V__A	621,00	721,00	771,00
9	540	39,8	1866	1396	961	TT50 09 200 V__A	670,00	770,00	820,00
10	600	44,2	2073	1551	1067	TT50 10 200 V__A	719,00	819,00	869,00
11	660	48,6	2280	1706	1174	TT50 11 200 V__A	768,00	868,00	918,00
12	720	53,0	2488	1861	1281	TT50 12 200 V__A	817,00	917,00	967,00
13	780	57,4	2695	2017	1388	TT50 13 200 V__A	866,00	966,00	1.016,00
14	840	61,9	2902	2172	1494	TT50 14 200 V__A	915,00	1.015,00	1.065,00
15	900	66,3	3110	2327	1601	TT50 15 200 V__A	964,00	1.064,00	1.114,00
16	960	70,7	3317	2482	1708	TT50 16 200 V__A	1.013,00	1.113,00	1.163,00
17	1020	75,1	3524	2637	1815	TT50 17 200 V__A	1.062,00	1.162,00	1.212,00
18	1080	79,5	3731	2792	1921	TT50 18 200 V__A	1.111,00	1.211,00	1.261,00

HOW TO ORDER THE TAMARA TANDEM VERTICAL RADIATOR

Radiator model E.g.: Tamara tandem VERTICAL	Nr of Elements E.g.: 12 Elements	Height in mm Example: 1800 mm	Connection code Example: connection V02	Color code Es: R01 - White	Constant value
TT50	12	180	V02	R01	A

Example of article code creation

TT50.....TAMARA TANDEM VERTICAL
12.....12 Elements
180.....Height 1800 mm
V02.....Connection V02 (see product page)
R01.....Color R01 - White (see color chart)
A.....Constant value

The article code will be:

TT50 12 180 V02 R01 A

TAMARA

TANDEM HORIZONTAL

WARRANTY 5 YEARS

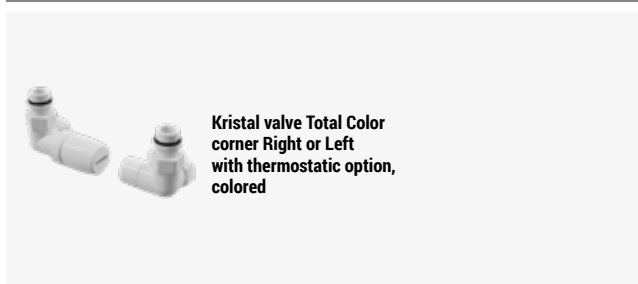


Color: RAL 9001 - R14 Cream

Width L [mm]	600	634	800	1000	1200	1400	1600	1800	1900	2000
Therm. output per el. $\Delta t = 50\text{ }^{\circ}\text{C}$ [Watt]	63,1	66,7	84,0	104,8	127,7	146,5	167,5	188,5	199	209,6
Therm. output per el. $\Delta t = 30\text{ }^{\circ}\text{C}$ [Watt]	34,3	36,8	46,1	58,0	69,6	81,3	93,0	104,7	109,8	116,3
Dry Weight per element [kg]	1,528	1,614	1,972	2,415	2,858	3,302	3,745	4,188	4,202	4,419
Water content [lt]	1,195	1,255	1,587	1,980	2,373	2,765	3,158	3,551	3,747	3,943
Element surface [m ²]	0,156	0,158	0,203	0,250	0,297	0,344	0,391	0,438	0,475	0,485
Exponent n	1,1929	1,1729	1,1749	1,1568	1,1550	1,1532	1,1514	1,1516	1,1517	1,1518
Pipe Centres I [mm] (V3-V4 only)	566	600	766	966	1166	1366	1566	1766	1866	1966

For output at different ΔT , please refer to the following formula: $\text{desired output} = \text{output at } \Delta T 50 \times (\text{Desired } \Delta T / 50)^n$

AVAILABLE ACCESSORIES



Kristal valve Total Color
corner Right or Left
with thermostatic option,
colored

Complete list, codes, prices, and details of the ACCESSORIES from page 332.

MATERIAL:

- Ø 30 mm collectors in painted mild steel.
- 50x25 mm double vertical heating elements, elliptic shape, in painted mild steel.

FIXING KIT:

Brackets, hex key, airvent, dowels and screws suitable for use on solid walls or perforated bricks, assembly instructions.

PACKAGING:

Cardboard angular and profiles protected by a recyclable film in polyethylene. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1;-2).

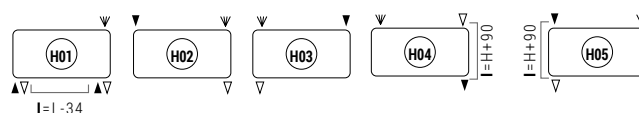
COLORS:

See color chart on pages II and III.

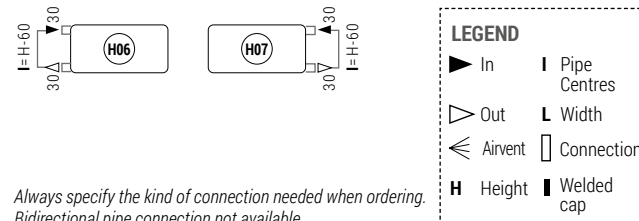
CERTIFICATES



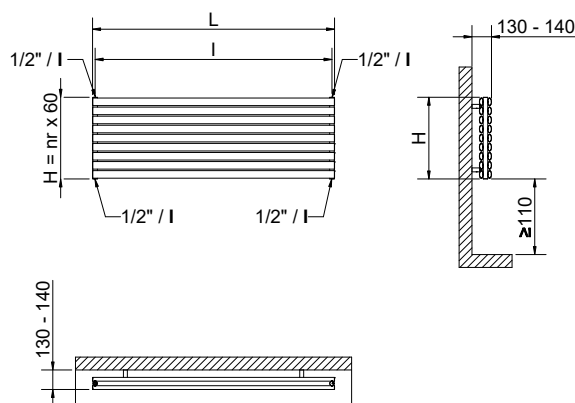
STANDARD CONNECTIONS WITHOUT SURCHARGE



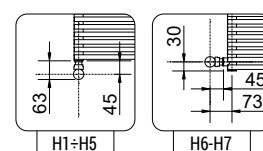
SPECIAL CONNECTIONS (SURCHARGE € 62,00)



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 5 bar

Functioning: **hot water**

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/2" G

HOW TO ORDER THE TAMARA TANDEM HORIZONTAL RADIATOR

Radiator model E.g.: Tamara tandem horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
TT50	12	120	H04	R01	A

Example of article code creation

TT50 ... TAMARA TANDEM HORIZONTAL
12 ... 12 Elements (see table below)
120 ... Width 1200 mm (see table below)
H04 ... Connection H04 (see next page)
R01 ... Color R01 - White (see color chart)
A ... Constant value

The article code will be:

TT50 12 120 H04 R01 A

Width L [mm]		600		634		800		1000		1200		1400		1600		1800		1900		2000	
Height H [mm]	N° El.	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]	Watt Δt 50°C	Price [€]
300	5	316	324,00	334	326,00	420	338,00	524	354,00	639	374,00	733	403,00	838	428,00	943	468,00	995	471,00	1048	474,00
360	6	379	360,00	400	363,00	504	376,00	629	393,00	766	414,00	879	444,00	1005	470,00	1131	513,00	1194	518,00	1258	523,00
420	7	442	301,00	467	400,00	588	414,00	734	432,00	894	454,00	1026	485,00	1173	512,00	1320	558,00	1393	565,00	1467	572,00
480	8	505	432,00	534	437,00	672	452,00	838	471,00	1022	494,00	1172	526,00	1340	554,00	1508	603,00	1592	612,00	1677	621,00
540	9	568	367,00	600	474,00	756	490,00	943	510,00	1149	534,00	1319	567,00	1508	596,00	1697	648,00	1791	659,00	1886	670,00
600	10	631	504,00	667	511,00	840	528,00	1048	549,00	1277	574,00	1465	608,00	1675	638,00	1885	693,00	1990	706,00	2096	719,00
660	11	694	540,00	734	548,00	924	566,00	1153	588,00	1405	614,00	1612	649,00	1843	680,00	2074	738,00	2189	753,00	2306	768,00
720	12	757	576,00	800	585,00	1008	604,00	1258	627,00	1532	654,00	1758	690,00	2010	722,00	2262	783,00	2388	800,00	2515	817,00
780	13	820	612,00	867	622,00	1092	642,00	1362	666,00	1660	694,00	1905	731,00	2178	764,00	2451	828,00	2587	847,00	2725	866,00
840	14	883	648,00	934	659,00	1176	680,00	1467	705,00	1788	734,00	2051	772,00	2345	806,00	2639	873,00	2786	894,00	2934	915,00
900	15	947	684,00	1001	696,00	1260	718,00	1572	744,00	1916	774,00	2198	813,00	2513	848,00	2828	918,00	2985	941,00	3144	964,00
960	16	1010	720,00	1067	733,00	1344	756,00	1677	783,00	2043	814,00	2344	854,00	2680	890,00	3016	963,00	3184	988,00	3354	1.013,00
1020	17	1073	756,00	1134	770,00	1428	794,00	1782	822,00	2171	854,00	2491	895,00	2848	932,00	3205	1.008,00	3383	1.035,00	3563	1.062,00
1080	18	1136	792,00	1201	807,00	1512	832,00	1886	861,00	2299	894,00	2637	936,00	3015	974,00	3393	1.053,00	3582	1.082,00	3773	1.111,00
1140	19	1199	828,00	1267	844,00	1596	870,00	1991	900,00	2426	934,00	2784	977,00	3183	1.016,00	3582	1.098,00				
1200	20	1262	864,00	1334	881,00	1680	908,00	2096	939,00	2554	974,00	2930	1.018,00	3350	1.058,00						
1260	21	1325	900,00	1401	918,00	1764	946,00	2201	978,00	2682	1.014,00	3077	1.059,00	3518	1.100,00						
1320	22	1388	936,00	1467	955,00	1848	984,00	2306	1.017,00	2809	1.054,00	3223	1.100,00	3685	1.142,00						
1380	23	1451	972,00	1534	992,00	1932	1.022,00	2410	1.056,00	2937	1.094,00	3370	1.141,00								
1440	24	1514	1.008,00	1601	1.029,00	2016	1.060,00	2515	1.095,00	3065	1.134,00	3516	1.182,00								
1500	25	1578	1.044,00	1668	1.066,00	2100	1.098,00	2620	1.134,00	3193	1.174,00	3663	1.223,00								
1560	26	1641	1.080,00	1734	1.103,00	2184	1.136,00	2725	1.173,00	3320	1.214,00										
1620	27	1704	1.116,00	1801	1.140,00	2268	1.174,00	2830	1.212,00	3448	1.254,00										
1680	28	1767	1.152,00	1868	1.177,00	2352	1.212,00	2934	1.251,00	3576	1.294,00										
1740	29	1830	1.188,00	1934	1.214,00	2436	1.250,00	3039	1.290,00	3703	1.334,00										
1800	30	1893	1.224,00	2001	1.251,00	2520	1.288,00	3144	1.329,00												

Prices are referred to color WHITE R01 version and STANDARD connection.

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

TAMARA

TANDEM HORIZONTAL

							Price [€]			
Elements	Width	Exponent	Dry Weight	Thermal output Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 360 mm										
6	600	1,1929	9,2	379	290	206	TT50 06 060 H__ _ A	360,00	460,00	510,00
	800	1,1749	11,8	504	388	277	TT50 06 080 H__ _ A	376,00	476,00	526,00
	1000	1,1568	14,5	629	486	348	TT50 06 100 H__ _ A	393,00	493,00	543,00
	1200	1,1550	17,1	766	592	425	TT50 06 120 H__ _ A	414,00	514,00	564,00
	1400	1,1532	19,8	879	680	488	TT50 06 140 H__ _ A	444,00	544,00	594,00
	1600	1,1514	22,5	1005	777	558	TT50 06 160 H__ _ A	470,00	570,00	620,00
	1800	1,1516	25,1	1131	875	628	TT50 06 180 H__ _ A	513,00	613,00	663,00
	1900	1,1517	25,2	1194	923	663	TT50 06 190 H__ _ A	518,00	618,00	668,00
	2000	1,1518	26,5	1258	973	698	TT50 06 200 H__ _ A	523,00	623,00	673,00
H 480 mm										
8	600	1,1929	12,2	505	387	275	TT50 08 060 H__ _ A	432,00	532,00	582,00
	800	1,1749	15,8	672	517	369	TT50 08 080 H__ _ A	452,00	552,00	602,00
	1000	1,1568	19,3	838	647	464	TT50 08 100 H__ _ A	471,00	571,00	621,00
	1200	1,1550	22,9	1022	790	567	TT50 08 120 H__ _ A	494,00	594,00	644,00
	1400	1,1532	26,4	1172	906	650	TT50 08 140 H__ _ A	526,00	626,00	676,00
	1600	1,1514	30,0	1340	1036	744	TT50 08 160 H__ _ A	554,00	654,00	704,00
	1800	1,1516	33,5	1508	1166	837	TT50 08 180 H__ _ A	603,00	703,00	753,00
	1900	1,1517	33,6	1592	1231	884	TT50 08 190 H__ _ A	612,00	712,00	762,00
	2000	1,1518	35,4	1677	1297	931	TT50 08 200 H__ _ A	621,00	721,00	771,00
H 600 mm										
10	600	1,1929	1,5	631	484	343	TT50 10 060 H__ _ A	504,00	604,00	654,00
	800	1,1749	2,0	840	646	461	TT50 10 080 H__ _ A	528,00	628,00	678,00
	1000	1,1568	2,4	1048	810	580	TT50 10 100 H__ _ A	549,00	649,00	699,00
	1200	1,1550	2,9	1277	987	708	TT50 10 120 H__ _ A	574,00	674,00	724,00
	1400	1,1532	3,3	1465	1133	813	TT50 10 140 H__ _ A	608,00	708,00	758,00
	1600	1,1514	3,7	1675	1295	930	TT50 10 160 H__ _ A	638,00	738,00	788,00
	1800	1,1516	4,2	1885	1458	1047	TT50 10 180 H__ _ A	693,00	793,00	843,00
	1900	1,1517	4,2	1990	1539	1105	TT50 10 190 H__ _ A	706,00	806,00	856,00
	2000	1,1518	4,4	2096	1621	1164	TT50 10 200 H__ _ A	719,00	819,00	869,00

TAMARA

TANDEM HORIZONTAL

							Price [€]			
Elements	Width	Exponent	Dry Weight	Thermal output Δt 50°C	Δt 40°C	Δt 30°C	Art. nr.			
n°	L [mm]	n	[Kg]	[Watt]				R01 White	CLASSIC Color	SPECIAL Color
H 720 mm										
12	600	1,1929	18,3	757	580	412	TT50 12 060 H__ _ A	576,00	676,00	726,00
	800	1,1749	23,7	1008	776	553	TT50 12 080 H__ _ A	604,00	704,00	754,00
	1000	1,1568	29,0	1258	972	697	TT50 12 100 H__ _ A	627,00	727,00	777,00
	1200	1,1550	34,3	1532	1184	849	TT50 12 120 H__ _ A	654,00	754,00	804,00
	1400	1,1532	39,6	1758	1359	975	TT50 12 140 H__ _ A	690,00	790,00	840,00
	1600	1,1514	44,9	2010	1555	1116	TT50 12 160 H__ _ A	722,00	822,00	872,00
	1800	1,1516	50,3	2262	1749	1256	TT50 12 180 H__ _ A	783,00	883,00	933,00
	1900	1,1517	50,4	2388	1847	1326	TT50 12 190 H__ _ A	800,00	900,00	950,00
	2000	1,1518	53,0	2515	1945	1396	TT50 12 200 H__ _ A	817,00	917,00	967,00
H 840 mm										
14	600	1,1929	21,39	883	677	480	TT50 14 060 H__ _ A	648,00	748,00	798,00
	800	1,1749	27,61	1176	905	645	TT50 14 080 H__ _ A	680,00	780,00	830,00
	1000	1,1568	33,81	1467	1133	812	TT50 14 100 H__ _ A	705,00	805,00	855,00
	1200	1,1550	40,01	1788	1382	991	TT50 14 120 H__ _ A	734,00	834,00	884,00
	1400	1,1532	46,23	2051	1586	1138	TT50 14 140 H__ _ A	772,00	872,00	922,00
	1600	1,1514	52,43	2345	1814	1302	TT50 14 160 H__ _ A	806,00	906,00	956,00
	1800	1,1516	58,63	2639	2041	1465	TT50 14 180 H__ _ A	873,00	973,00	1.023,00
	2000	1,1518	58,83	2934	2269	1629	TT50 14 200 H__ _ A	915,00	1.015,00	1.065,00
H 960 mm										
16	600	1,1929	24,45	1010	774	549	TT50 16 060 H__ _ A	720,00	820,00	870,00
	800	1,1749	31,55	1344	1034	737	TT50 16 080 H__ _ A	756,00	856,00	906,00
	1000	1,1568	38,64	1677	1295	929	TT50 16 100 H__ _ A	783,00	883,00	933,00
	1200	1,1550	45,73	2043	1579	1132	TT50 16 120 H__ _ A	814,00	914,00	964,00
	1400	1,1532	52,83	2344	1812	1301	TT50 16 140 H__ _ A	854,00	954,00	1.004,00
	1600	1,1514	59,92	2680	2073	1488	TT50 16 160 H__ _ A	890,00	990,00	1.040,00
	1800	1,1516	67,01	3016	2333	1675	TT50 16 180 H__ _ A	963,00	1.063,00	1.113,00
	2000	1,1518	67,23	3354	2594	1862	TT50 16 200 H__ _ A	1.013,00	1.113,00	1.163,00

HOW TO ORDER THE TAMARA TANDEM HORIZONTAL RADIATOR

Radiator model E.g.: Tamara tandem horizontal	Nr of Elements E.g.: 12 Elements	Width in mm Example: 1200 mm	Connection code Example: connection H04	Color code Es: R01 - White	Constant value
TT50	12	120	H04	R01	A

Example of article code creation

TT50.....TAMARA TANDEM HORIZONTAL
 12.....12 Elements
 120.....Width 1200 mm
 H04.....Connection H04 (see product page)
 R01.....Color R01 - White (see color chart)
 A.....Constant value

The article code will be:
TT50 12 120 H04 R01 A



A high-resolution photograph of a light grey marble surface with dark grey veins. In the bottom left corner, a portion of a terracotta bowl is visible, showing its rim and a small handle.

ACCESSORIES & TECHNICAL SUPPORT

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STAINLESS STEEL

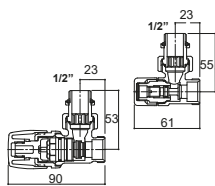
LIVING

ACCESSORIES
TECHNICAL SUPPORT

ACCESSORIES

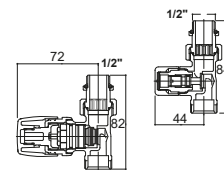
TOTAL COLOR KRISTAL VALVE KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes. For the thermostatic Kristal valve the thermostatic head must be ordered separately. The art. nr. of the chart refers to standard color white R01; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see the color chart pages II and III.



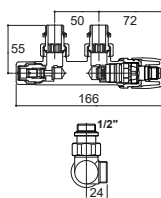
**TOTAL COLOR, KRISTAL VALVE,
ANGLED WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334027	○ WHITE	Art. nr. 5991990334026
	Price € 107,00		Price € 95,00
● CLASSIC	Price € 137,00	● CLASSIC	Price € 125,00
● SPECIAL	Price € 157,00	● SPECIAL	Price € 145,00



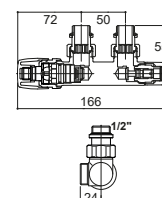
**TOTAL COLOR, KRISTAL VALVE,
STRAIGHT WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334025	○ WHITE	Art. nr. 5991990334024
	Price € 122,00		Price € 109,00
● CLASSIC	Price € 152,00	● CLASSIC	Price € 139,00
● SPECIAL	Price € 172,00	● SPECIAL	Price € 159,00



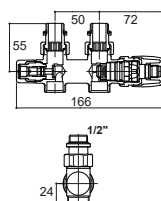
**TOTAL COLOR, KRISTAL VALVE, ANGLED RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334035	○ WHITE	Art. nr. 5991990334034
	Price € 130,00		Price € 112,00
● CLASSIC	Price € 160,00	● CLASSIC	Price € 142,00
● SPECIAL	Price € 180,00	● SPECIAL	Price € 162,00



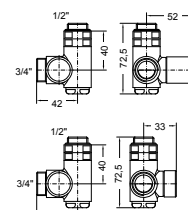
**TOTAL COLOR, KRISTAL VALVE, ANGLED LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334037	○ WHITE	Art. nr. 5991990334036
	Price € 130,00		Price € 112,00
● CLASSIC	Price € 160,00	● CLASSIC	Price € 142,00
● SPECIAL	Price € 180,00	● SPECIAL	Price € 162,00



**TOTAL COLOR, KRISTAL VALVE, STRAIGHT RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334039	○ BIANCO	Art. nr. 5991990334038
	Price € 130,00		Price € 112,00
● CLASSIC	Price € 160,00	● CLASSIC	Price € 142,00
● SPECIAL	Price € 180,00	● SPECIAL	Price € 162,00



**TOTAL COLOR, KRISTAL VALVE,
COMBI WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14 and Multilayer conn. Ø 16	
○ WHITE	Art. nr. 5991990334044
	Price € 285,00
● CLASSIC	Price € 315,00
● SPECIAL	Price € 335,00



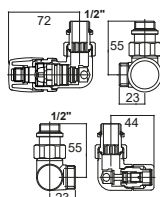
NEW

Valve cap, fittings and shanks matching the valve color.

ACCESSORIES

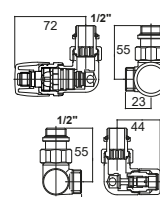
TOTAL COLOR KRISTAL VALVE KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes. For the thermostatic Kristal valve the thermostatic head must be ordered separately. The art. nr. of the chart refers to standard color white R01; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see the color chart pages II and III.



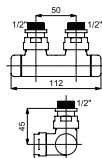
TOTAL COLOR, KRISTAL VALVE, CORNER RIGHT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334029	BIANCO	Art. nr. 5991990334028
	Price € 130,00		Price € 116,00
CLASSIC	Price € 160,00	CLASSIC	Price € 146,00
SPECIAL	Price € 180,00	SPECIAL	Price € 166,00



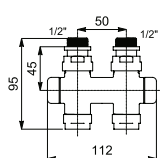
TOTAL COLOR, KRISTAL VALVE, CORNER LEFT PIPE CENTRES 50 MM WITH THERMOSTATIC OPTION WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334031	WHITE	Art. nr. 5991990334030
	Price € 130,00		Price € 116,00
CLASSIC	Price € 160,00	CLASSIC	Price € 146,00
SPECIAL	Price € 180,00	SPECIAL	Price € 166,00



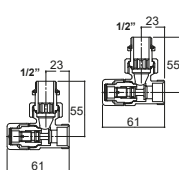
KIT 2 HOLDERS KRISTAL VALVE TOTAL COLOR ANGLED RIGHT PIPE CENTRES 50 MM WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334041	WHITE	Art. nr. 5991990334040
	Price € 115,00		Price € 98,00
CLASSIC	Price € 145,00	CLASSIC	Price € 128,00
SPECIAL	Price € 165,00	SPECIAL	Price € 148,00



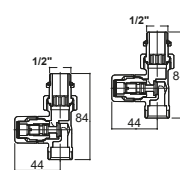
KIT 2 HOLDERS KRISTAL VALVE TOTAL COLOR STRAIGHT RIGHT PIPE CENTRES 50 MM WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334043	WHITE	Art. nr. 5991990334042
	Price € 115,00		Price € 98,00
CLASSIC	Price € 145,00	CLASSIC	Price € 128,00
SPECIAL	Price € 165,00	SPECIAL	Price € 148,00



KIT 2 HOLDERS ANGLED WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334056	WHITE	Art. nr. 5991990334055
	Price € 101,00		Price € 87,00
CLASSIC	Price € 131,00	CLASSIC	Price € 117,00
SPECIAL	Price € 151,00	SPECIAL	Price € 137,00



KIT 2 HOLDERS STRAIGHT WHITE R01

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334058	WHITE	Art. nr. 5991990334057
	Price € 110,00		Price € 96,00
CLASSIC	Price € 140,00	CLASSIC	Price € 126,00
SPECIAL	Price € 160,00	SPECIAL	Price € 146,00



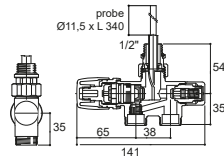
NEW

Valve cap, fittings and shanks matching the valve color.

ACCESSORIES

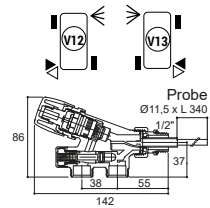
TOTAL COLOR KRISTAL VALVE KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes. For the thermostatic Kristal valve the thermostatic head must be ordered separately. The art. nr. of the chart refers to standard color white R01; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see the color chart pages II and III.



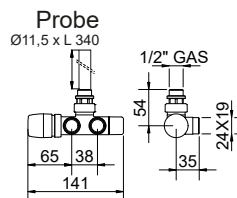
**TOTAL COLOR, KRISTAL VALVE,
BIDIRECTIONAL UNDERNEATH INLET AT LEFT/RIGHT SIDE WITH
THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334048	WHITE	Art. nr. 5991990334047
	Price € 139,00		Price € 121,00
CLASSIC	Price € 169,00	CLASSIC	Price € 151,00
SPECIAL	Price € 189,00	SPECIAL	Price € 171,00



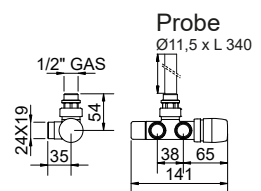
**TOTAL COLOR, KRISTAL VALVE,
BIDIRECTIONAL LATERAL INLET
WITH THERMOSTATIC OPTION WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334050	WHITE	Art. nr. 5991990334049
	Price € 139,00		Price € 121,00
CLASSIC	Price € 169,00	CLASSIC	Price € 151,00
SPECIAL	Price € 189,00	SPECIAL	Price € 171,00



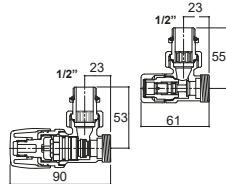
**TOTAL COLOR, KRISTAL VALVE,
BIDIRECTIONAL ANGLED RIGHT WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334052	WHITE	Art. nr. 5991990334051
	Price € 160,00		Price € 135,00
CLASSIC	Price € 190,00	CLASSIC	Price € 165,00
SPECIAL	Price € 210,00	SPECIAL	Price € 185,00



**TOTAL COLOR, KRISTAL VALVE,
BIDIRECTIONAL ANGLED LEFT WHITE R01**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334054	WHITE	Art. nr. 5991990334053
	Price € 160,00		Price € 135,00
CLASSIC	Price € 190,00	CLASSIC	Price € 165,00
SPECIAL	Price € 210,00	SPECIAL	Price € 185,00

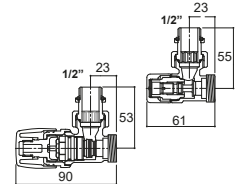


**EUROKONUS VALVES ANGLED WITH THERMOSTATIC OPTION
WHITE R01 - 3/4" CONNECTION**

WHITE	Art. nr. 5991990332877
	Price € 93,00
CLASSIC	Price € 123,00
SPECIAL	Price € 143,00

PIPE ADAPTER FOR EUROKONUS CHROMED

Copper connection Ø 12		Multilayer conn. Ø 14	
Art. nr. 5991990010234	Art. nr. 5991990010237		
Price € 18,90	Price € 22,10		
Copper connection Ø 14		Multilayer conn. Ø 16	
Art. nr. 5991990010235	Art. nr. 5991990010238		
Price € 18,90	Price € 22,10		



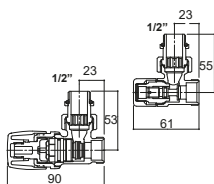
**EUROKONUS VALVES TOTAL COLOR ANGLED WITH THERMOSTATIC
OPTION WHITE R01 - 3/4" CONNECTION**

Copper conn. Ø 12-14		Multilayer conn. Ø 16	
WHITE	Art. nr. 5991990334033	WHITE	Art. nr. 5991990334032
	Price € 115,00		Price € 99,00
CLASSIC	Price € 145,00	CLASSIC	Price € 129,00
SPECIAL	Price € 165,00	SPECIAL	Price € 149,00

ACCESSORIES

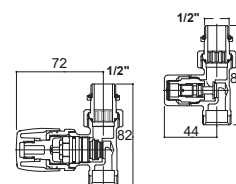
POLISHED KRISTAL VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes. For the thermostatic Kristal valve the Thermostatic head must be ordered separately.



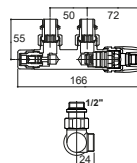
**KRISTAL VALVE ANGLED WITH THERMOSTATIC OPTION
CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301807	Art. nr. 5991990311165
Price € 99,00	Price € 114,00



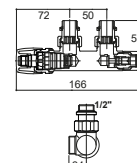
**KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION
CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301806	Art. nr. 5991990311164
Price € 119,00	Price € 113,00



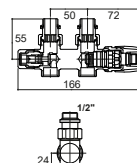
**KRISTAL VALVE ANGLED RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301811	Art. nr. 5991990301149
Price € 136,00	Price € 120,00



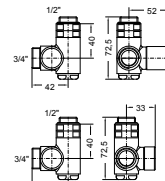
**KRISTAL VALVE ANGLED LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301812	Art. nr. 5991990301151
Price € 136,00	Price € 120,00



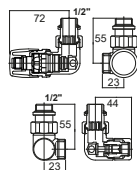
**KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301813	Art. nr. 5991990301153
Price € 136,00	Price € 120,00



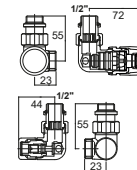
**KRISTAL VALVE COMBI
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14 e Multilayer conn. Ø 16
Art. nr. 5991990301810
Price € 288,00



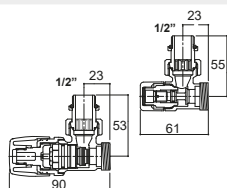
**KRISTAL VALVE CORNER RIGHT
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301808	Art. nr. 5991990301145
Price € 124,00	Price € 118,00



**KRISTAL VALVE CORNER LEFT
WITH THERMOSTATIC OPTION - CHROMED FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990301809	Art. nr. 5991990301147
Price € 124,00	Price € 118,00



**EUROKONUS VALVES ANGLED WITH THERMOSTATIC OPTION
CHROMED FINISHING- 3/4" CONNECTION**

Art. nr. 5991990332878
Price € 98,00

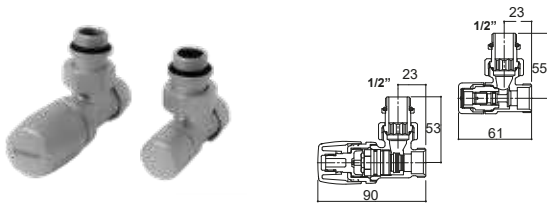
PIPE ADAPTER FOR EUROKONUS

Copper connection Ø 12	Multilayer conn. Ø 14
Art. nr. 5991990010234	Art. nr. 5991990010237
Price € 18,90	Price € 22,10
Copper connection Ø 14	Multilayer conn. Ø 16
Art. nr. 5991990010235	Art. nr. 5991990010238
Price € 18,90	Price € 22,10

ACCESSORIES

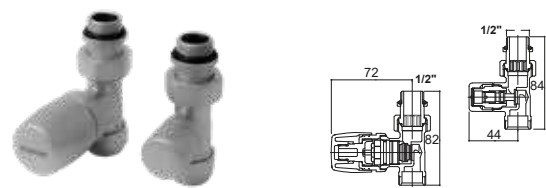
SATIN KRISTAL VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes. For the thermostatic Kristal valve the Thermostatic head must be ordered separately.



**KRISTAL VALVE ANGLED WITH THERMOSTATIC OPTION
SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321150	Art. nr. 5991990321144
Price € 136,00	Price € 126,00



**KRISTAL VALVE STRAIGHT WITH THERMOSTATIC OPTION
SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321149	Art. nr. 5991990321148
Price € 136,00	Price € 126,00



**KRISTAL VALVE ANGLED RIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321153	Art. nr. 5991990321137
Price € 138,00	Price € 123,00



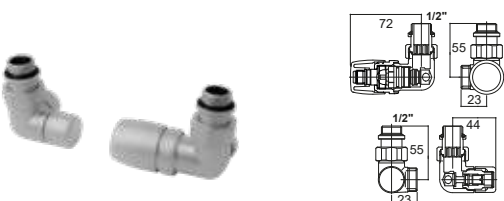
**KRISTAL VALVE ANGLED LEFT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321154	Art. nr. 5991990321139
Price € 138,00	Price € 123,00



**KRISTAL VALVE STRAIGHT PIPE CENTRES 50 MM
WITH THERMOSTATIC OPTION - SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321155	Art. nr. 5991990321141
Price € 140,00	Price € 124,00



**KRISTAL VALVE CORNER RIGHT
WITH THERMOSTATIC OPTION - SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321151	Art. nr. 5991990321133
Price € 139,00	Price € 131,00



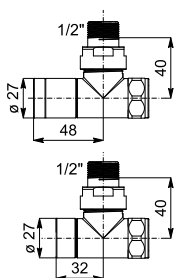
**KRISTAL VALVE CORNER LEFT
WITH THERMOSTATIC OPTION - SATIN FINISHING**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990321152	Art. nr. 5991990321135
Price € 139,00	Price € 131,00

ACCESSORIES

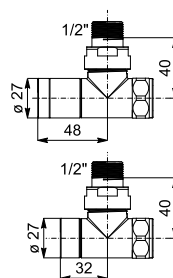
BRASS | ANTIQUE COPPER VALVES KIT

Valve kit includes: valve and holder, fittings for copper (Ø 12-14) or multilayer (Ø 16) pipes.



**KRISTAL VALVE ANGLED WITH THERMOSTATIC OPTION
BRASS**

Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990311247	Art. nr. 5991990311249
Price € 199,00	Price € 196,00



**KRISTAL VALVE ANGLED WITH THERMOSTATIC OPTION
ANTIQUÉ COPPER**

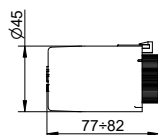
Copper conn. Ø 12-14	Multilayer conn. Ø 16
Art. nr. 5991990311248	Art. nr. 5991990311250
Price € 199,00	Price € 196,00

NEW THERMOSTATIC HEAD KRISTAL TC TOTAL COLOR

NEW

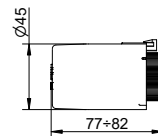
FULLY COLORED

The **thermostatic head Kristal TC Total Color**, suitable for all valves of the Kristal series, can be colored to match the valve. It is available in all the colors offered in the color chart.



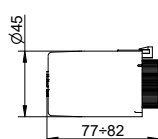
**THERMOSTATIC HEAD KRISTAL TC
TOTAL COLOR**

PURE WHITE RAL 9010 - R01	Art. nr. 5035270710028
	Price € 39,00
TRAFFIC WHITE RAL 9016 - R02	Art. nr. 5035270710029
	Price € 39,00
MATT WHITE T11	Art. nr. 5035270710030
	Price € 39,00
MATT BLACK T01	Art. nr. 5035270710031
	Price € 39,00



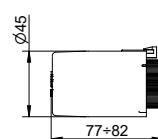
**THERMOSTATIC HEAD KRISTAL TC
FULLY COLORED**

CLASSIC	Price € 69,00
SPECIAL	Price € 89,00



**THERMOSTATIC HEAD KRISTAL TC
CHROMED**

Chromed	Art. nr. 5035270710032
	Price € 46,00

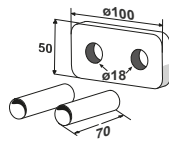


**THERMOSTATIC HEAD KRISTAL TC
SATIN**

Satin	Art. nr. 5035270710033
	Price € 53,00

ACCESSORIES

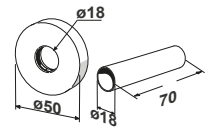
PIPE COVERING



SET FOR PIPE COVERING POLISHED FINISHING - PIPE CENTRES 50

Art. nr.	5103000000154	Price €	73,00
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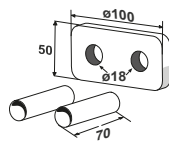
KIT WITH 1 PAIR



SET FOR PIPE COVERING POLISHED FINISHING

Art. nr.	5103000000061	Price €	42,00
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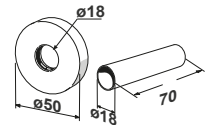
KIT WITH 1 PAIR



SET FOR PIPE COVERING SATIN FINISHING - PIPE CENTRES 50

Art. nr.	5103000000155	Price €	99,00
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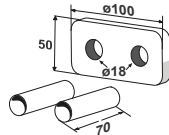
KIT WITH 1 PAIR



SET FOR PIPE COVERING SATIN FINISHING

Art. nr.	5103000000062	Price €	63,00
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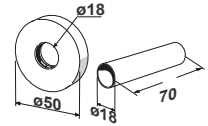
KIT WITH 1 PAIR



**SET FOR PIPE COVERING WHITE FINISHING - PIPE CENTRES 50
FOR WHITE VALVES**

 BIANCO	Art. nr.	5103000000152
	Price €	77,00
 CLASSIC	Price €	107,00
 SPECIAL	Price €	127,00

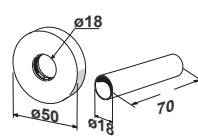
KIT WITH 1 PAIR



**SET FOR PIPE COVERING WHITE FINISHING
FOR WHITE VALVES**

 BIANCO	Art. nr.	5103000000060
	Price €	41,00
 CLASSIC	Price €	71,00
 SPECIAL	Price €	91,00

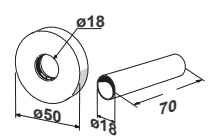
KIT WITH 1 PAIR



PIPE COVERING BRASS

Art. nr.	5103000000293	Price €	92,00
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KIT WITH 1 PAIR



PIPE COVERING ANTIQUE COPPER

Art. nr.	5103000000294	Price €	92,00
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KIT WITH 1 PAIR

ACCESSORIES

PIPE COVERING



**SET FOR PIPE COVERING
POLISHED FINISHING**

Ø	Art. nr.	Price €
10	5103000000069	71,00
12	5103000000070	
14	5103000000071	
15	5103000000072	
16	5103000000073	
18	5103000000074	

KIT WITH 10 PAIRS



**SET FOR PIPE COVERING
SATIN FINISHING**

Ø	Art. nr.	Price €
10	5103000000158	104,00
12	5103000000159	
14	5103000000160	
15	5103000000161	
16	5103000000162	
18	5103000000163	

KIT WITH 10 PAIRS



**SET FOR PIPE COVERING
WHITE FINISHING**

Ø	Art. nr.	Price €
10	5103000000063	40,00
12	5103000000064	
14	5103000000065	
15	5103000000066	
16	5103000000067	
18	5103000000068	

KIT WITH 10 PAIRS

FITTINGS



**PIPE FITTINGS SET AND WHITE WALL COVERING
COPPER CONN. Ø 10-15-16**

Ø	Art. nr.	Price €
10	5160000000144	72,00
15	5160000000223	
16	5160000000145	

KIT WITH 5 PAIRS



**PIPE FITTINGS SET AND WHITE WALL COVERING
MULTILAYER CONN. Ø 14-18**

Ø	Art. nr.	Price €
14	5160000000146	92,00
18	5160000000147	111,00

KIT WITH 5 PAIRS



**PIPE FITTINGS SET AND WHITE WALL COVERING
MULTILAYER CONN. Ø 20**

Ø	Art. nr.	Price €
20	5006170050017	42,00

KIT WITH 1 PAIR

FITTING FOR VALVES



FITTING FOR KRISTAL VALVES

	Art. nr.	Price €
1/2"	5006170030109	113,00
3/8"	5006170030108	113,00

KIT WITH 5 PAIRS



IRON PIPES FITTING FOR KRISTAL VALVES

	Art. nr.	Price €
1/2"	5150990300001	46,00
3/8"	5150990300003	46,00

KIT WITH 1 PAIR

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

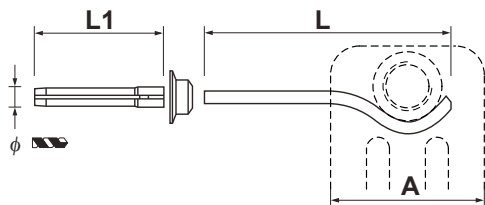
ACCESSORIES
TECHNICAL SUPPORT

ardesia® INSTALLATION AND FIXING

WALL BRACKETS KIT

For the installation it is recommended to use the wall brackets provided by Cordivari, with different sizes depending on model. **The kit includes:**

- 2 WALL BRACKETS
- 2 PLASTIC NOGS



HOW TO CALCULATE THE NUMBER OF WALL BRACKETS REQUIRED.

ALWAYS REMEMBER TO CONSIDER BOTH THE DRY WEIGHT OF THE RADIATOR AND ITS WATER CONTENT.

N° Columns	Art. nr.	Price €			ø Nogs (mm)	L (mm)	L1 (mm)	Max Load [kg]
		WHITE	CLASSIC	SPECIAL				
2	5991990310378	5,00	10,00	15,00	12	179	100	150
3	5991990310379	5,50	10,50	15,50	12	207	100	100
4	5991990310380	8,50	13,50	18,50	15	223	111	200
5	5991990310381	9,00	14,00	19,00	15	254	111	160
6								80

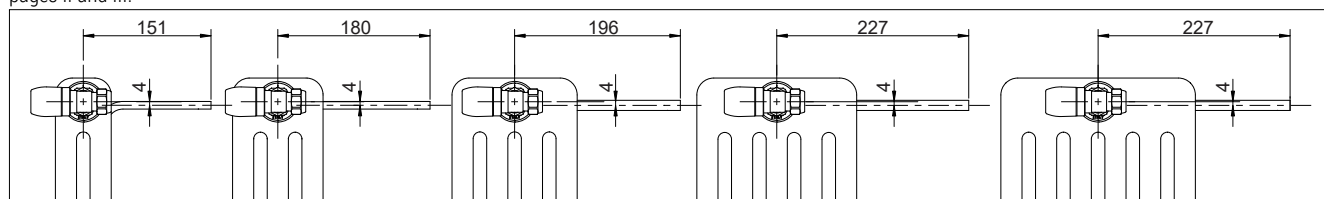
The code nr of the chart refer to standard color R01 White; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see the color chart pages II and III.

Eg: an Ardesia radiator consisting of:

n° columns: 4 - Height: 1000 - n° elements: 48

Total Dry Weight of 1 section, water included: $2.96 * [\text{Dry Weight of empty section}] + 1.84 * [\text{Dry Weight of water contained in the section}] = \text{total kg. 4.8}$. Total Dry Weight of the whole radiator: $4.8 \text{ kg} \times 48 [\text{sections}] = 230.4 \text{ kg}$. No. of fixing kits to order: $230.4 \text{ kg} [\text{total Dry Weight of the radiator}] / 200 [\text{max Dry Weight that 1 wall brackets kit can take for Ardesia® 4 columns}] = 1.15$. The number of kits necessary in this case is 2 - Code Nr. **5991990310380**.

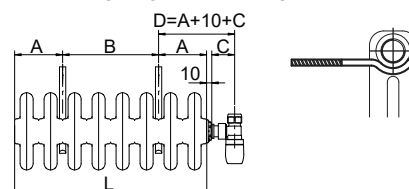
(*) Above data are taken from the relevant technical table (see page 44).



MAX. NUMBER OF SECTIONS THAT CAN BE SUPPORTED BY A PAIR OF BRACKETS AVAILABLE FOR SOLID/MASONARY AND PERFORATED BRICK WALLS.

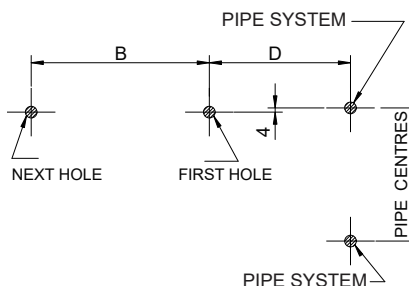
Height	NR. COLUMNS					
	2	3	4	5	6	
207	40	40	40	40	40	
300	40	40	40	40	31	
356	40	40	40	40	27	
400	40	40	40	40	25	
406	40	40	40	40	24	
500	40	40	40	40	20	
556	40	40	40	40	19	
586	40	40	40	40	18	
600	40	40	40	40	18	
626	40	40	40	40	17	
656	40	40	40	39	16	
676	40	40	40	38	16	
750	40	36	40	35	14	
756	40	36	40	34	14	
786	40	35	40	33	14	
856	40	32	40	31	13	
876	40	31	40	30	12	
900	40	30	40	29	12	
926	40	30	40	29	12	
956	40	30	40	29	12	
1000	40	28	40	27	11	
1056	40	26	39	25	11	
1200	40	23	35	23	9	
1500	40	19	28	18	8	
1656	39	17	26	17	7	
1800	36	16	24	15	6	
1856	35	15	23	15	6	
2000	32	14	22	14	6	
2056	32	14	21	13	6	
2200	30	13	20	13	5	
2500	26	12	17	11	5	

DETERMINE THE BRACKET POSITION IN RELATION TO THE RADIATOR



DETERMINE THE POSITION OF THE RADIATOR IN RELATION TO PIPES

REALIZE HOLES ON THE WALL IN RELATION TO THE PIPES POSITION



To determine A and B

- For N. of sections < 8:
 - A = 46
 - B = L - 92
- For N. of sections ≥ 8:
 - A = 92
 - B = L - 184 for 2 brackets
 - B = $[(L - 184) / 2] - 23$ for 4 brackets and even N. of sections
 - B = $(L - 184) / 2$ for 4 brackets and uneven N. of sections

ardesia® INSTALLATION AND FIXING

RAPID FIXING SAFETY KIT VDI 6036

On a daily use at home, but also in public buildings, radiators are subject to physical contact and stress from users.

A safe FIXING is crucial, as these radiators are often quite heavy and therefore potentially dangerous in the event of an accident. In extreme cases, a falling radiator can cause serious damage to property or injuries to people.

Safety is related to FIXING systems, which must be adapted to the loads and stresses and also withstand special or even extreme situations, such as improper use.

In Europe, the Verein Deutscher Ingenieure (VDI), the German association of engineers, has laid down requirements in a directive, **VDI 6036**, in which the specifications and safety requirements for radiator FIXING systems are resumed. Our company has chosen to implement these prescriptions and references by manufacturing and adopting FIXING systems that maximize safety, guaranteeing customers reducing risks on installation to a minimum.

These FIXING systems implement the prescriptions of the **VDI 6036** standard, guaranteeing, in addition to the weight, stability and resistance to the traction of additional loads in all directions. In addition to being the safest systems on the market, these systems allow a practical and quick radiators installation.



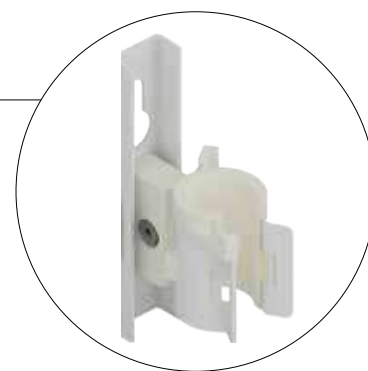
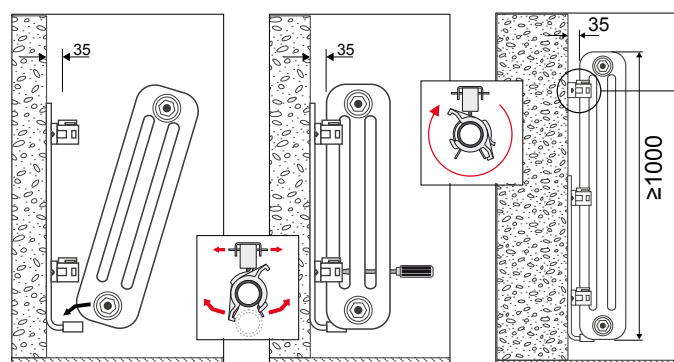
RAPID FIXING (*)

Pair of fixing kit	Suitable for the following heights	Max Load	Art. nr.	Price €		
				WHITE	CLASSIC	SPECIAL
	300 mm to 350 mm	150 kg	5102000000440	53,00	83,00	103,00
	350 mm to 450 mm		5102000000441	53,00	83,00	103,00
	500 mm to 700 mm		5102000000442	57,00	87,00	107,00
	750 mm to 1000 mm		5102000000443	65,00	95,00	115,00
	over 1000 mm (**)	150 kg	5102000000444	91,00	121,00	141,00

(*) The code nr of the chart refers to standard color white R01; colors different from standard are supplied exclusively with the matching colored radiator. See color chart pages II and III.

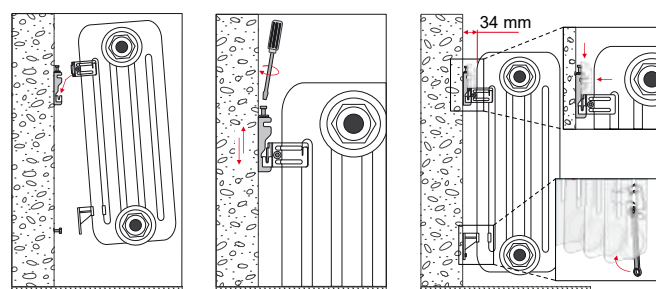
(**) For Heights above 1000 mm the art. code includes an additional pair of fixing kit to be placed on the upper part of the radiator so to ensure complete stability as per below drawing.

EXAMPLE OF INSTALLATION WITH RAPID SAFETY KIT



UNIVERSAL RAPID SAFETY KIT

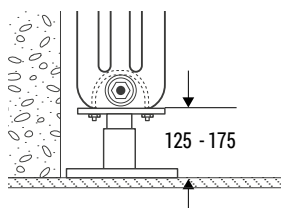
PAIR OF WALL TIES FIXING KIT Color WHITE	Art. nr.	Price €	Max Load
	5991990310311	23,00	150 kg



ardesia® INSTALLATION AND FIXING

FLOOR FIXING KIT

FLOOR FIXING KIT WITH ADJUSTABLE FEET

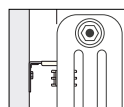


This floor fixing support allows the installation of Ardesia® batteries whenever the radiator dry weight can not be supported from walls only. They ensure stability and easy installation.



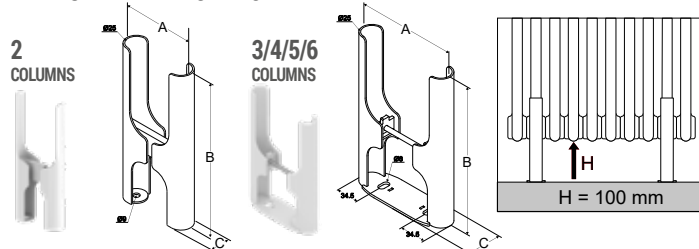
Pair of floor fixing kit with adjustable height. From 125mm up to 175mm.
Available for radiators from 2 up to 6 columns. Color White.

Art. nr.	Price €
5991990310040	99,00



PLEASE NOTE:
it requires the use of a wall tie.
See below

FIXING KIT WITH SLIP ON FEET

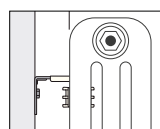


PAIR OF SLIP ON FEET

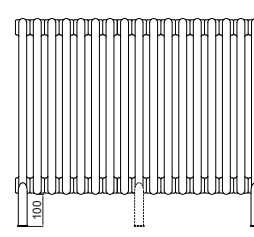
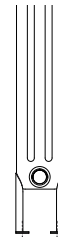
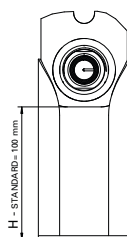
		Price €			A	B	C
		WHITE	CLASSIC	SPECIAL	[mm]		
Suitable for	Art. nr. (color R01 White)						
2 Columns	5102000000867	111,00	141,00	161,00	60 - 80	210	28
3 Columns	5102000000868	77,00	107,00	127,00	114	210	45
4 Columns	5102000000869	80,00	110,00	130,00	154	210	45
5 Columns	5102000000870	88,00	118,00	138,00	196	210	45
6 Columns	5102000000871	99,00	129,00	149,00	237	210	45

For colors different from standard white R01, see color chart pages II and III.

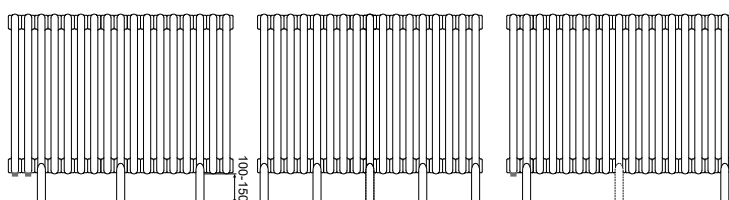
WELDED FEET SUPPORT



PLEASE NOTE: it requires the use of a wall tie (not included in price). See below.



MOUNTING OPTIONS	2 COLUMNS	3 COLUMNS	4 COLUMNS	5 COLUMNS	6 COLUMNS	FEET STANDARD HEIGHT	Surcharge for feet Height 100 mm	Surcharge for feet Height 150 mm
	connected at the base			free		[mm]	€	€
From 3 to 23 sections	2 pairs	2 pairs	2 pairs	2 pairs	2 pairs	100	82,00	96,00
From 24 to 40 sections	3 pairs	3 pairs	3 pairs	-	-	100	123,00	144,00
From 24 to 40 sections	-	-	-	4 pairs	4 pairs	100	164,00	192,00
From 40 to 63 sections	4 pairs	4 pairs	4 pairs	4 pairs	4 pairs	100	164,00	192,00



On demand, it is possible to realize:

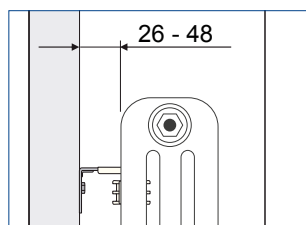
- bottom connections to ease installation
- welded feet positioned irregularly
- higher number of welded feet

For colors different from standard white R01, see color chart pages II and III.

WALL TIE

Useful to ensure stability and avoid the risk of accidental overturn.

PLEASE NOTE: it is necessary to use the wall tie in case of feet mounting option.

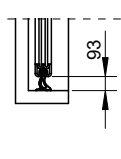


Kit of 2 single Wall ties

WHITE	Art. nr.	5991990310307
	Price €	27,00

FLOOR FIXING KIT

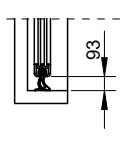
PAIR OF DECO FLOOR SUPPORTS

○ WHITE	Art. nr.	5991990310308
	Price €	44,00
● CLASSIC	Price €	74,00
● SPECIAL	Price €	94,00

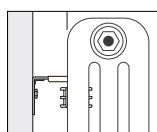
For different colors see the color chart pages II and III

SINGLE DECO FLOOR SUPPORT

○ WHITE	Art. nr.	5991990310517
	Price €	24,00
● CLASSIC	Price €	54,00
● SPECIAL	Price €	74,00

For different colors see the color chart pages II and III



PLEASE NOTE:
It requires the use of a wall tie. (Not included in the price).
See page 342.

PLASTERBOARD WALL ADAPTERS



MAX LOAD IN KG FOR A PAIR OF PLASTERBOARD WALL ADAPTERS

Shelves	Thickness of the wall 12,5 mm	Thickness of the wall 12,5 +12,5 mm
2 Columns	46 kg	74 kg
3 Columns	46 kg	74 kg
4 Columns	34 kg	50 kg
5 Columns	30 kg	45 kg
6 Columns	28 kg	40 kg

1 PAIR OF PLASTERBOARD WALL ADAPTERS - WALL THICKNESS 12,5 MM.
SUITABLE FOR 2/3 COLUMNS WALL BRACKETS
Kit Art. nr. 5150991100001 - Price € 28,00

1 PAIR OF PLASTERBOARD WALL ADAPTERS - WALL THICKNESS 12,5 MM.
SUITABLE FOR 4/5/6 COLUMNS WALL BRACKETS
Kit Art. nr. 5150991100002 - Price € 29,00

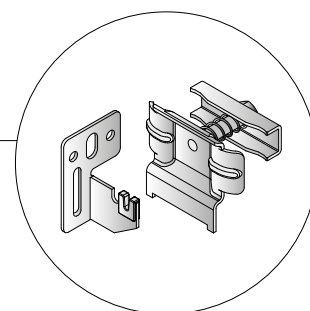
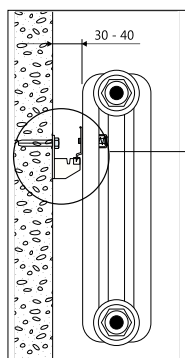
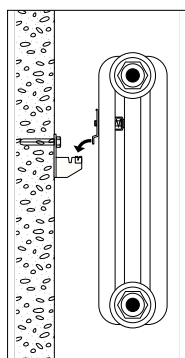
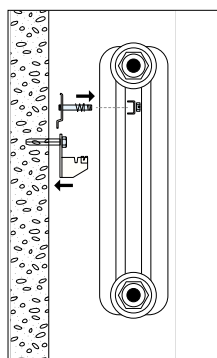
1 PAIR OF PLASTERBOARD WALL ADAPTERS - WALL THICKNESS 25 MM.
SUITABLE FOR 2/3 COLUMNS WALL BRACKETS
Kit Art. nr. 5150991100003 - Price € 28,00

1 PAIR OF PLASTERBOARD WALL ADAPTERS - WALL THICKNESS 25 MM.
SUITABLE FOR 4/5/6 COLUMNS WALL BRACKETS
Kit Art. nr. 5150991100004 - Price € 29,00



The plasterboards wall adapters must be used with the WALL BRACKETS KIT, see page 340.

MINIMAL FIXING KIT



1 PAIR
FIXING KIT
(Max load 78 kg.)



2 pairs
FIXING KIT
(Max load 156 kg.)

○ WHITE	Art. nr.	5102000000918
	Price €	19,10
● CLASSIC	Price €	49,10
● SPECIAL	Price €	69,10

○ WHITE	Art. nr.	5102000001096
	Price €	38,20
● CLASSIC	Price €	68,20
● SPECIAL	Price €	88,20

BLANKING PLUG AND REDUCING BUSHES

RIGHT SIDE

10 PCS.

1" caps
Right ø 44 mm
Silicone gasket
Size 1"



○ WHITE	Art. nr.	5160000000002	
	Price €	39,00	
● CLASSIC	Price €	69,00	
● SPECIAL	Price €	89,00	

LEFT SIDE

10 PCS.

1" caps
Left ø 44 mm
Silicone gasket
Size 1"



○ WHITE	Art. nr.	5160000000004	
	Price €	39,00	
● CLASSIC	Price €	69,00	
● SPECIAL	Price €	89,00	

BLANKING PLUGS

10 PCS.



1/2"	Art. nr.	5160000000079	Price €	30,00
3/8"	Art. nr.	5160000000080		

RIGHT REDUCING BUSHES

10 PCS.

Reducing Bush RIGHT
Ø 42 mm
Silicone gasket



1" x 3/4"	○ WHITE	Art. nr.	5160000000013	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 1/2"	○ WHITE	Art. nr.	5160000000009	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 3/8"	○ WHITE	Art. nr.	5160000000017	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 1/4"	○ WHITE	Art. nr.	5160000000021	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

LEFT REDUCING BUSHES

10 PCS.

Reducing Bush LEFT
Ø 42 mm
Silicone gasket



1" x 3/4"	○ WHITE	Art. nr.	5160000000015	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 1/2"	○ WHITE	Art. nr.	5160000000011	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 3/8"	○ WHITE	Art. nr.	5160000000019	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

1" x 1/4"	○ WHITE	Art. nr.	5160000000023	Price €	41,00
	● CLASSIC	Price €	71,00		
	● SPECIAL	Price €	91,00		

NIPPLING KIT

Kit includes:

- 2 reducing bushes Right from 1" M to 1/2 - 3/8" F
- 1 reducing bush left from 1" M to 1/2 - 3/8" F
- 1 cap 1" left
- 1 Air Vent 1/2" - 3/8"
- Gaskets.



1/2"	○ WHITE	Art. nr.	5160000000030	Price €	28,00
	● CLASSIC	Price €	58,00		
	● SPECIAL	Price €	78,00		

3/8"	○ WHITE	Art. nr.	5160000000031	Price €	28,00
	● CLASSIC	Price €	58,00		
	● SPECIAL	Price €	78,00		

FITTINGS KIT - 1/2

1 BLISTER
Color white

The Kit includes: 1 Air Vent 1/2" - 1 bleed key-2 reducing bushes 1/2" right (DX) -2 reducing bushes 1/2" left (SX)



Art. nr. R01	51600000000193	Price €	28,00
Art. nr. R02	51600000000222		

TIGHTENING KEY

PACK OF 3 PIECES

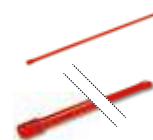
Made of scratch-resistant plastic material, ideal for tightening caps and reducing bushes as it does not damage the paint of the fittings.



Art. nr.	51600000000027	Price €	48,00
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NIPPLING KEY

Nippling key made in mild steel (L: 1000 mm - 1") for tightening nipples during battery joining operations



Art. nr.	51509900000003	Price €	40,00
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AIRVENTS

10 PCS.

1/2", 1/4", 3/8"



1/2"	5160000000005	Price €	50,00
1/4"	Art. nr. 5160000000007	Price €	55,00
3/8"	5160000000006		54,00

NIPPLES

10 PCS.

1" nipples + silicon gasket

Use only Cordivari Nipples. The use of other nipples does not guarantee the sealing of the radiator and excludes the warranty.



Art. nr.	51600000000026	Price €	42,00
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DIVERTER

10 PCS.

Recommended for radiators with less than 10 sections and/or higher than 1000 mm.



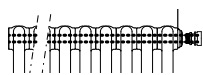
Art. nr.	51600000000028	Price €	102,00
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INLET LANCE

When Ardesia® tubular radiator with lateral connections exceeds the number of sections and length indicated in below chart, in order to guarantee the normal functioning of the radiator and its thermal output, it is necessary to insert an inlet lance. Its length must be 2/3 of the total radiator length.

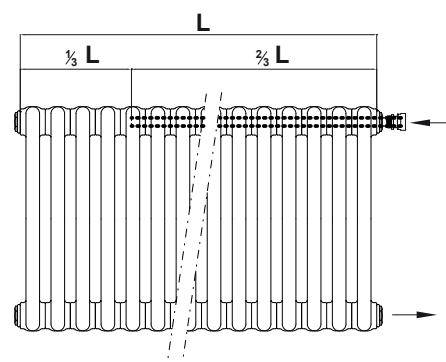
INLET LANCE KIT

Length 4000 mm (to be cut according to desired length) with 1/2" fitting exclusively for Cordivari kristal valve



Art. nr.	Price €
5006170030110	101,00

Columns	N° Elements	Length of the inlet lance [mm]
2	> 85	3910
3	> 83	3818
4	> 80	3680
5	> 70	3220
6	> 55	2530



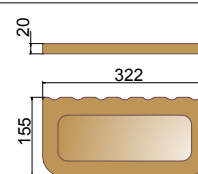
HOOKS AND TOWEL BAR

HOOK



Art. nr.	Finishing/color	Price €	N° of single items per kit
5991990310376	CHROMED	30,00	2
5991990310375	WHITE	38,00	2

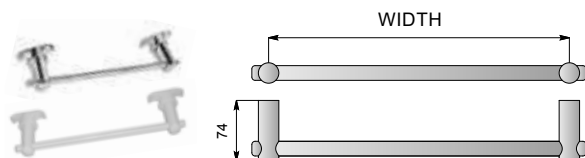
WOODEN SHELVES



Art. nr.	Finishing	Price €
5991990500013	White Oak	202,00

Available only for Ardesia® 2 and 3 columns ≥ 9 elements

TOWEL BAR



Art. nr.	Color/Finishing	Width	N° Elements	Price €
5991990310392	WHITE	322	from 7 onwards	53,00
5991990310394	WHITE	525	from 10 onwards	70,00
5991990310393	CHROMED	322	from 7 onwards	68,00
5991990310395	CHROMED	525	from 10 onwards	83,00



MAINTENANCE

TOUCH-UP PENS - R01

2 PCS PACK

COLOR
WHITE RAL 9010 - R01



TOUCH-UP PENS - R02

2 PCS PACK

COLOR
WHITE RAL 9016 - R02



WOOL BRUSH FOR CLEANING RADIATORS

- Antistatic. Ideal to capture dust
- It can be used on both wet and dry surfaces
- Flexible structure, it allows to clean each part of the radiator
- Hand washable in cold water



Art. nr.	Price €
5160000000076	27,00

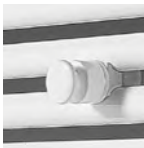
Art. nr.	Price €
5160000000077	27,00

Art. nr.	Price €
5991990000016	49,00

ACCESSORIES

HOOKS AND TOWEL BAR STANDARD COLOR WHITE R01

KIT 2 HOOKS - WHITE R01

	Suitable for:	Art. nr. R01	Price €		
			 R01 White	 CLASSIC Color	 SPECIAL Color
	CLAUDIA®	5991990310028	46,00	76,00	96,00
	CLAUDIA® WIDE				
	CLAUDIA® SQUARE				
	CLAUDIA® ELECTRIC				
	CLAUDIA® BLOWER				
	DORIANA				

TOWEL BAR - WHITE R01

	Suitable for:	Width mm	Art. nr. R01	Price €		
				 R01 White	 CLASSIC Color	 SPECIAL Color
	CLAUDIA®	276	5991990310047	109,00	139,00	159,00
	CLAUDIA® EL. (Width ≥ 400 mm)					
	CLAUDIA® ELECTRIC (Width ≥ 500 mm)	368	5991990310029			
	CLAUDIA® EL. (Width ≥ 600 mm)	460	5991990310034			
	CLAUDIA® (Width ≥ 750 mm)	552	5991990310030			

KIT 2 HOOKS - WHITE R01

	Suitable for:	Art. nr. R01	Price €		
			 R01 White	 CLASSIC Color	 SPECIAL Color
	LUCY 18	5991990310388	92,00	122,00	142,00
	LUCY 18 WIDE				
	ALICE 18				
	LUCY EL.	5991990310389	89,00	119,00	139,00
	DORY				
	DORY EL.				
	DORY BLOWER				
	KELLY 5010				
	ROSY VT/OR	5991990310391	88,00	118,00	138,00
	KATIA VX				
	KARIN VX				

TOWEL BAR - WHITE R01

	Suitable for:	Width mm	Art. nr. R01	Price €		
				 R01 White	 CLASSIC Color	 SPECIAL Color
	LUCY 18 (Width ≥ 500 mm)	440	5991990331126	131,00	161,00	181,00
	ALICE 18 (Width ≥ 475 mm)					
	LUCY 18 ELECTRIC					
	DORY (Width ≥ 500 mm)	390	5991990331127	119,00	149,00	169,00
	DORY ELECTRIC					
	DORY BLOWER					
	ROSY OR (Width ≥ 448 mm)	440	5991990331129	110,00	140,00	160,00
	KATIA VX (Width ≥ 500 mm)					
	KARIN VX (Width ≥ 450 mm)					

The code nr of the chart refer to standard color R01 White - RAL 9010; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see color chart pages II and III.

HOOKS AND TOWEL BAR POLISHED STAINLESS STEEL

KIT 2 HOOKS - POLISHED STAINLESS STEEL

Suitable for:	Art. nr.	Price €
 SANDY	5991990010215	139,00

TOWEL BAR - POLISHED STAINLESS STEEL

Suitable for:	Width mm	Art. nr.	Price €
 SANDY (Width ≥ 500 mm)	350	5991990010220	167,00

KIT 2 HOOKS - POLISHED STAINLESS STEEL

Suitable for:	Art. nr.	Price €
 ELEN 18 POLISHED	5991990010216	144,00
ELEN 18 WIDE polished		
GIADA 18 POLISHED		

HOOKS AND TOWEL BAR SATIN STAINLESS STEEL

KIT 2 HOOKS - SATIN STAINLESS STEEL

Suitable for:	Art. nr.	Price €
 ELEN 18 satin	5991990010217	168,00
GIADA 18 satin		

TOWEL BAR - SATIN STAINLESS STEEL

Suitable for:	Width mm	Art. nr.	Price €
 ELEN 18 SATIN (Width ≥ 500 mm)	350	5991990010222	199,00
GIADA 18 SATIN (Width ≥ 511 mm)			

ACCESSORIES

ARYS, accessories for Arianna Tandem radiator

design **Mariano Moroni**

Material: **painted mild steel**

TOWEL HOLDER LEFT - L. 268 mm

	 WHITE	Art. nr. 5991990310687	
		Price €	120,00
	 CLASSIC	Price €	150,00
	 SPECIAL	Price €	170,00

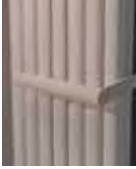
ROBE HANGER LEFT- L. 61 mm

	 WHITE	Art. nr. 5991990310685	
		Price €	86,00
	 CLASSIC	Price €	116,00
	 SPECIAL	Price €	136,00

TOWEL BAR - L. 390 mm (for Arianna tandem radiator 7 Elements)

	 WHITE	Art. nr. 5991990310682	
		Price €	237,00
	 CLASSIC	Price €	267,00
	 SPECIAL	Price €	287,00

TOWEL HOLDER RIGHT - L. 268 mm

	 WHITE	Art. nr. 5991990310686	
		Price €	120,00
	 CLASSIC	Price €	150,00
	 SPECIAL	Price €	170,00

ROBE HANGER RIGHT- L. 61 mm

	 WHITE	Art. nr. 5991990310684	
		Price €	86,00
	 CLASSIC	Price €	116,00
	 SPECIAL	Price €	136,00

TOWEL BAR - L. 390 mm (for Arianna tandem radiator 9 Elements)

	 WHITE	Art. nr. 5991990310683	
		Price €	241,00
	 CLASSIC	Price €	271,00
	 SPECIAL	Price €	291,00

For technical details see pages 302-303.

Material: **Wood**

TOWEL HOLDER LEFT - L. 268 mm

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500046		146,00
	R02 Traffic white	5991990530010		
	T11 Matt white	5991990530011		
	F20 Milky	5991990530012		

ROBE HANGER LEFT - L. 61 mm

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500044		142,00
	R02 Traffic white	5991990530016		
	T11 Matt white	5991990530017		
	F20 Milky	5991990530018		

TOWEL BAR - L. 390 mm (for Arianna tandem radiator 7 Elements)

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500041		263,00
	R02 Traffic white	5991990530001		
	T11 Matt white	5991990530002		
	F20 Milky	5991990530003		

TOWEL HOLDER RIGHT - L. 268 mm

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500045		146,00
	R02 Traffic white	5991990530007		
	T11 Matt white	5991990530008		
	F20 Milky	5991990530009		

ROBE HANGER RIGHT - L. 61 mm

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500043		142,00
	R02 Traffic white	5991990530013		
	T11 Matt white	5991990530014		
	F20 Milky	5991990530015		

TOWEL BAR - L. 390 mm (for Arianna tandem radiator 9 Elements)

	Painted support	Art. nr.	Price €	
	R01 Pure white	5991990500042		269,00
	R02 Traffic white	5991990530004		
	T11 Matt white	5991990530005		
	F20 Milky	5991990530006		

For technical details see pages 304-305.

FOLDABLE TOWEL BAR

FOLDABLE TOWEL BAR IN PLEXIGLASS AND STAINLESS STEEL



Width L x Depth P	Art. nr.	Price €
L 370 mm x P 377 mm	5991990310402	252,00
L 420 mm x P 377 mm	5991990310403	264,00

Foldable and removable, it is suitable for towel rails in all finishing: white, colored, chromed or stainless steel finishing. It can not be used on towel rails with curved elements, Dory and Lucy Plus models. Available with Width ≥ 450 mm

WOODEN SHELVES FOR ROSY MIRROR

KIT 2 WOODEN SHELVES - 162X100 MM

Finishing	Art. nr.	Price €
White	5991990500006	135,00
Bay Oak	5991990500005	135,00
Wengé	5991990500007	135,00

for ROSY MIRROR central version

KIT 2 WOODEN SHELVES - 162X100 MM

Finishing	Art. nr.	Price €
White	5991990500009	140,00
Bay Oak	5991990500008	140,00
Wengé	5991990500010	140,00

for ROSY MIRROR lateral version

SPARE PARTS - FIXING KIT

WALL FIXING BRACKETS - TOWEL RAILS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
ANNA	5102000000268	41,00	71,00	91,00

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
CLAUDIA®	5102000000561	46,00	76,00	96,00
CLAUDIA® EL.				

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
FEDERICA	5102000000744	68,00	98,00	118,00
KELLY 5010	5102000000536	40,00	70,00	90,00
KELLY 5010 EL.				
KELLY 5010 BLOWER				

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
DORY	5102000000390	61,00	91,00	111,00
DORY EL.				
DORY BLOWER				
DARIA				
FABIANA				
GLORIA 22				
GLORIA 22 WIDE				
GLORIA 22 BLOWER				
KATIA VXn				
KATIA VX WIDE				
LUCY 18/25				
LUCY 18 EL.				
LUCY 18/25 PLUS				
LUCY 18 WIDE				
SAMIRA				
CLAUDIA® WIDE	5102000000539	42,00	72,00	92,00
NAIKE SQUARE				
NAIKE ST				

WALL FIXING BRACKETS - RADIATORS

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
ALICE 18/22/25 OR	5102000000390	61,00	91,00	111,00
KARIN VX OR				
ROSY OR				

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
ALICE 18 TANDEM OR	5102000000047	65,00	95,00	115,00
ALICE 22 TANDEM OR				
ALICE 25 TANDEM OR	5102000000693	68,00	98,00	118,00
KARIN VX TANDEM OR	5102000000587	83,00	113,00	133,00
ROSY TANDEM OR	5102000000046	71,00	101,00	121,00

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
ALICE 18 VT (Valid till October 2021)	5102000000166	65,00	95,00	115,00
ALICE 18 TANDEM VT (vers. fino ad ottobre 2021)				

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
DORIANA VT/OR	5102000000004	50,00	80,00	100,00

FIXING KIT - WHITE R01

		Price €		
				
Suitable for:	Art. nr. R01	R01 White	CLASSIC Color	SPECIAL Color
ALICE 18 VT	5102000000256	61,00	91,00	111,00
ALICE 18 TANDEM VT				
ALICE 22 VT	5102000000318	64,00	94,00	114,00
ALICE 22 TANDEM VT				
ALICE 25 VT	5102000000690	35,00	65,00	85,00
ALICE 25 TANDEM VT				
ARIANNA TANDEM	5102000000516	74,00	104,00	124,00
ROSY VT	5102000000169	65,00	95,00	115,00
ROSY TANDEM VT				
ROSY MIRROR				
KEIRA	5102000000395	70,00	100,00	120,00
KEIRA TANDEM				
ROSY MAX				
KARIN VX VT	5102000000256	62,00	92,00	112,00
KARIN VX TANDEM				

The code nr of the chart refer to standard color R01 White - RAL 9010; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see color chart pages II and III.

SPARE PARTS - FIXING KIT

POLISHED FIXING KIT

Each kit includes: brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice. **PLEASE NOTE:** fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

FIXING KIT - POLISHED

Suitable for:	Art. nr.	Price €
ELEN 18	5102000000409	43,00
ELEN 18 WIDE		
ELEN 22		
LEILA		
LEILA Electric		
SANDY		
ALESSANDRA		
ALESSANDRA Electric		
LAURA		
LAURA Electric		

FIXING KIT - POLISHED

Suitable for:	Art. nr.	Price €
GIADA 18 OR POLISHED	5102000000409	43,00

FIXING KIT - POLISHED

Suitable for:	Art. nr.	Price €
GIADA 18 VT POLISHED	5102000000748	96,00

FIXING KIT - POLISHED

Suitable for:	Art. nr.	Price €
GIADA 18 VT POLISHED (Valid till October 2021)	5102000000160	96,00

SATIN FIXING KIT

FIXING KIT - SATIN

Suitable for:	Art. nr.	Price €
ELEN 18 SATIN	5102000000405	48,00
GIADA 18 OR SATIN		

FIXING KIT - SATIN

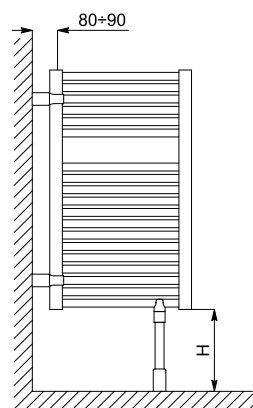
Suitable for:	Art. nr.	Price €
GIADA 18 VT SATIN	5102000000749	133,00
GIADA 18 VT SATIN (Valid till October 2021)	5102000000162	133,00

Kit includes:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice

FLOOR FIXING KIT

FLOOR FIXING KIT - WHITE R01



Suitable for:	Width mm	Art. nr. R01	Price €		
			R01 White	CLASSIC Color	SPECIAL Color
- CLAUDIA® - ANNA®	96	5102000000202	245,00	275,00	295,00
	146	5102000000203	245,00	275,00	295,00
	196	5102000000204	245,00	275,00	295,00

The code nr of the chart refer to standard color R01 White - RAL 9010; colors different from standard are supplied exclusively with the matching colored radiator. For different colors see the color chart pages II and III.

PLEASE NOTE: Fittings and screws supplied with fixing kit, can be used on solid/masonry and perforated brick walls. For installation on different wall material, it is responsibility of the installer to choose appropriate fixing kit.

DUAL ENERGY KIT

"WIFI" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
510200000800	300	281,00	ø 12 x 350
510200000801	400	282,00	ø 12 x 415
510200000802	500	284,00	ø 12 x 450
510200000803	600	286,00	ø 12 x 550
510200000804	700	288,00	ø 12 x 550
510200000805	900	290,00	ø 12 x 710
510200000806	1000	293,00	ø 12 x 710
510200000807	1200	294,00	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Price €	Size [mm]
510200000808	300	296,00	ø 12 x 350
510200000809	400	297,00	ø 12 x 415
510200000810	500	299,00	ø 12 x 450
510200000811	600	301,00	ø 12 x 550
510200000812	700	303,00	ø 12 x 550
510200000813	900	305,00	ø 12 x 710
510200000814	1000	308,00	ø 12 x 710
510200000815	1200	309,00	ø 12 x 920

"PLUS" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000002147	300	153,00	ø 12 x 350
5102000002148	400	150,00	ø 12 x 415
5102000002149	500	150,00	ø 12 x 450
5102000002150	600	152,00	ø 12 x 550
5102000002151	700	152,00	ø 12 x 550
5102000002152	900	153,00	ø 12 x 710
5102000002163	1000	158,00	ø 12 x 710
5102000002153	1200	160,00	ø 12 x 920



DARK GREY

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000002154	300	164,00	ø 12 x 350
5102000002155	400	161,00	ø 12 x 415
5102000002156	500	161,00	ø 12 x 450
5102000002157	600	163,00	ø 12 x 550
5102000002158	700	163,00	ø 12 x 550
5102000002159	900	164,00	ø 12 x 710
5102000002164	1000	169,00	ø 12 x 710
5102000002160	1200	171,00	ø 12 x 920

"TOP" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000458	300	186,00	ø 12 x 350
5102000000459	400	187,00	ø 12 x 415
5102000000460	500	189,00	ø 12 x 450
5102000000461	600	190,00	ø 12 x 550
5102000000462	700	193,00	ø 12 x 550
5102000000463	900	195,00	ø 12 x 710
5102000000465	1000	198,00	ø 12 x 710
5102000000464	1200	199,00	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000465	300	197,00	ø 12 x 350
5102000000466	400	198,00	ø 12 x 415
5102000000467	500	200,00	ø 12 x 450
5102000000468	600	201,00	ø 12 x 550
5102000000469	700	204,00	ø 12 x 550
5102000000470	900	206,00	ø 12 x 710
5102000000471	1000	209,00	ø 12 x 710
5102000000471	1200	210,00	ø 12 x 920

"ECO DESIGN" DIGITAL THERMOSTAT KIT



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000638	300	143,00	ø 12 x 350
5102000000639	400	145,00	ø 12 x 415
5102000000640	500	146,00	ø 12 x 450
5102000000641	600	147,00	ø 12 x 550
5102000000642	700	149,00	ø 12 x 550
5102000000643	900	152,00	ø 12 x 710
5102000000644	1000	156,00	ø 12 x 710
5102000000644	1200	157,00	ø 12 x 920



CHROMED

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000645	300	154,00	ø 12 x 350
5102000000646	400	156,00	ø 12 x 415
5102000000647	500	157,00	ø 12 x 450
5102000000648	600	158,00	ø 12 x 550
5102000000649	700	160,00	ø 12 x 550
5102000000650	900	163,00	ø 12 x 710
5102000000651	1000	167,00	ø 12 x 710
5102000000651	1200	168,00	ø 12 x 920



BLACK

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000001118	300	154,00	ø 12 x 350
5102000001119	400	156,00	ø 12 x 415
5102000001120	500	157,00	ø 12 x 450
5102000001121	600	158,00	ø 12 x 550
5102000001122	700	160,00	ø 12 x 550
5102000001123	900	163,00	ø 12 x 710
5102000001125	1000	167,00	ø 12 x 710
5102000001124	1200	168,00	ø 12 x 920

- 1 electric resistance with digital white thermostat, classe 1, class 1, ingress protection IP44 available from 300W up to 1200W V230. - White or grey power cable and Schuko plug included.
- 2 "T" polished connections of 1"1/2
- 1 nicked brass with O-Ring 1/2 gas M
- User notice

REMOTE CONTROLS INCLUDED

"PLUS" THERMOSTAT REMOTE CONTROL IR



Suitable for:	Art. nr.	Price €
CLAUDIA®, LUCY 18, DORY, KELLY 5010, FEDERICA DX, FEDERICA SX	5150990000012	70,00

Remote control of PLUS digital chrono-thermostat functioning

"TOP" THERMOSTAT REMOTE CONTROL



Suitable for:	Art. nr.	Price €
ARDESIA® AND MIXED KITS	5150990000002	73,00

Remote control of TOP digital chrono-thermostat functioning

DUAL ENERGY KIT

"ECO DESIGN" DIGITAL THERMOSTAT KIT + COMBI VALVES



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000652	300	436,00	ø 12 x 350
5102000000653	400	439,00	ø 12 x 415
5102000000654	500	440,00	ø 12 x 450
5102000000655	600	442,00	ø 12 x 550
5102000000656	700	448,00	ø 12 x 550
5102000000657	900	451,00	ø 12 x 710
5102000002172	1000	453,00	ø 12 x 710
5102000000658	1200	454,00	ø 12 x 920

"TOP" DIGITAL THERMOSTAT KIT + COMBI VALVES



CHROMED

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000573	300	474,00	ø 12 x 350
5102000000574	400	475,00	ø 12 x 415
5102000000575	500	476,00	ø 12 x 450
5102000000576	600	478,00	ø 12 x 550
5102000000577	700	479,00	ø 12 x 550
5102000000578	900	483,00	ø 12 x 710
5102000002171	1000	484,00	ø 12 x 710
5102000000579	1200	485,00	ø 12 x 920

"WiFi" DIGITAL THERMOSTAT KIT + COMBI VALVES



WHITE

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000816	300	597,00	ø 12 x 350
5102000000817	400	599,00	ø 12 x 415
5102000000818	500	600,00	ø 12 x 450
5102000000819	600	602,00	ø 12 x 550
5102000000820	700	608,00	ø 12 x 550
5102000000821	900	611,00	ø 12 x 710
5102000000822	1000	614,00	ø 12 x 710
5102000000823	1200	615,00	ø 12 x 920

"WiFi" DIGITAL THERMOSTAT KIT + COMBI VALVES



CHROMED

Art. nr.	Output [Watt]	Price €	Size [mm]
5102000000824	300	618,00	ø 12 x 350
5102000000825	400	620,00	ø 12 x 415
5102000000826	500	621,00	ø 12 x 450
5102000000827	600	623,00	ø 12 x 550
5102000000828	700	629,00	ø 12 x 550
5102000000829	900	632,00	ø 12 x 710
5102000000830	1000	635,00	ø 12 x 710
5102000000831	1200	636,00	ø 12 x 920

- 1 electric resistance with digital white or chromed thermostat, class 1 ingress protection IP44 available from 300W up to 1200W V230. Grey power cable and Schuko plug included
- Chromed Combi kit valve - fittings for copper or multilayer pipes included
- User notice

REMOTE CONTROL OPTIONAL

REMOTE CONTROL FOR "BLOWER" RADIATORS



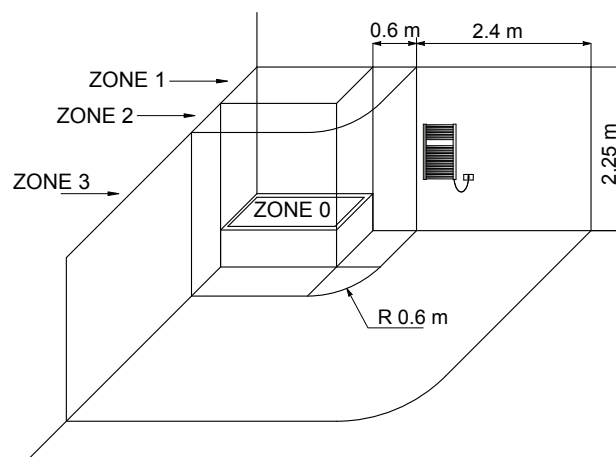
Suitable for:	Art. nr.	Price €
BLOWER RADIATORS	5150990000011	111,00

Remote control of ventilated functioning

DUAL ENERGY KIT



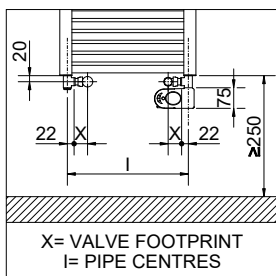
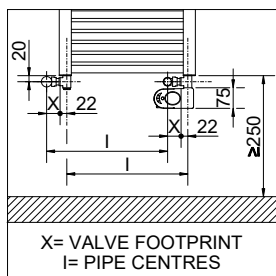
INSTALLATION REQUIREMENTS



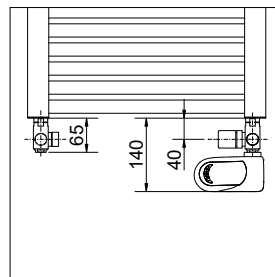
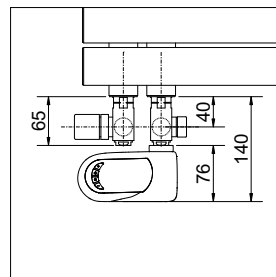
The national rules on installing electrical equipment in the bathroom must be scrupulously respected. The electric radiators must be always installed outside zone 1 and 2.

In particular the electric switch and control elements must be mandatorily located in zone 3, in order that no electrical control center is accessible to anyone using the shower or bath.

STANDARD CONNECTION



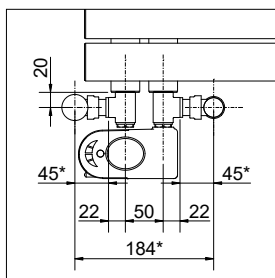
COMBI VALVES KIT CONNECTION



The combination kit with COMBI valves is the ideal solution for asymmetric models such as KELLY 5010.

This type of valve allows to keep unchanged the center distance of the hot water pipes.

KELLY 5010 MODELS CONNECTION



RANGE OF DIGITAL THERMOSTATS

WIFI DIGITAL THERMOSTAT

With Cordivari WiFi thermostats it's possible to customize the heating of each room with a single account by connecting each radiator to the home WiFi network.

The system allows you to manage each towel rail individually or to create groups of thermostats.

Through the app, available for iOS and Android, it's possible to control and set the temperature, set and program the bands and operating

modes, keep all the setting parameters of each radiator or group under control.

The application also allows the monitoring of the daily graphs of the temperature set for each mode and of the temperature detected in the room.

All simply through the account to be created at the first connection. The system supports 2,4GHz networks.

WiFi thermostat size: **131 mm x 76 mm x 42 mm.**



WHITE: on color radiators R01 White, R02 Traffic White, T11 Matt White and F20 Milky.



CHROMED: on all other colors.



WHITE: on color radiators R01 White, R02 Traffic White, T11 Matt White and F20 Milky.



DARK GREY: on all other colors.

PLUS DIGITAL THERMOSTAT

Digital thermostat with white backlighting, integrated programming, open window sensor and energy consumption indicator in kWh.

MAIN FUNCTIONS

- Room temperature regulation
- Setting of the desired temperature
- Power on / heating in standby
- Selection of operating modes
- Fast heating thanks to the Boost function: this mode allows to increase the temperature in the shortest possible time. This function can be activated for a duration ranging from 10 to 90 minutes at intervals of 5 minutes.
- 6 integrated programs: AUTO (Programming), BOOST, COMFORT, ECO, ANTIFREEZE, STAND-BY HEATING
- Energy consumption meter: automatic indicator of new energy consumption according to the desired temperature
- Energy consumption indicator in kWh: estimated consumption in kWh in the last 24 hours or from the last reset of the meter.
- Open window sensor: Automatic switch to antifreeze mode when

a significant temperature drop is detected during room ventilation.

PROGRAMMING

- 5 different programming profiles for each day of the week: P1, P2, P3, Comfort, Eco
- Customization of programs P1, P2, P3
- Manual and temporary modification of a running program

HELP FOR PARTIALLY SIGHTED USERS

- On / off button in relief to be easily identifiable by touch
- Acoustic signals that indicate the transition from the standby function to an active mode

SAFETY

- Keypad lock for child safety
- Safety settings:
 - limitation of the set temperature range (min. and max.) Backup in case of mains power failure:
- Over-temperature protection in Boost mode

PLUS thermostat size: **120 mm x 80 mm x 38 mm.**

TOP DIGITAL THERMOSTAT

MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: function of chrono-thermostat with daily or weekly programming with two temperature levels (Comfort/Eco)
- COMFORT: Possibility of setting your own desired temperature for time slot for higher comfort
- ECO: Possibility of keeping the temperature constant with lower power consumption. Useful for energy saving when the room is not occupied.
- ANTI-FREEZE: Useful if the room is not used for longer periods
- TIMER/FORCED MARCH: Useful to heat rapidly the room and dry towels thanks to 2h of forced march at max. Power.

- CHILD SAFETY LOCK: special purpose lock of the display panel so to avoid any accidental alteration

- REMOTE CONTROL (optional): The digital thermostat is equipped with an infrared remote control useful to manage all the aforementioned functions.

- Wide display screen: optimum readability thanks to the backlight

- Ingress protection: IP44

- Protection class: 1

- Operating temperature: from -10°C to +40°C

- Setpoint temperature: from +7°C to +32°C

- Voltage: 230 V / 50 Hz

TOP thermostat size: **131 mm x 76 mm x 42 mm.**



WHITE: on color radiators R01 White, R02 Traffic White, T11 Matt White and F20 Milky.



CHROMED: on all other colors.

ECO DESIGN DIGITAL THERMOSTAT

MAIN CHARACTERISTICS AND OPERATION MODALITIES

- CRONO: daily and weekly program with two temperature levels (COMFORT and ECO).
- COMFORT: programmed desired temperature for the comfort time bands.
- ECO: programmed desired temperature for lower consumption time bands. Useful during the night or when the radiator is not exploited.
- ANTIFREEZE: protection mode for the radiator in case of long period of inactivity.
- FORCED MARCH: maximum power mode for 2 hours in order to

rapidly reach the comfort temperature.

- SAFETY: opening window sensor. Children's safety guaranteed thanks to the lock out system, which avoids any accidental modification of the set program.

- Wide LCD screen

- Minimum class protection IP 44

- Class I

- Operational temperature conditions: from -10° C to +40° C

- Settable temperature range: from +7° C to +32° C

- Voltage: 230 V / 50 Hz

ECO DESIGN thermostat size: **131 mm x 76 mm x 42 mm.**



WHITE: on color radiators R01 White, R02 Traffic White, T11 Matt White and F20 Milky.



NERO: on color radiators R13 Jet Black e T01 Matt Black.



CHROMED: on all other colors.

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

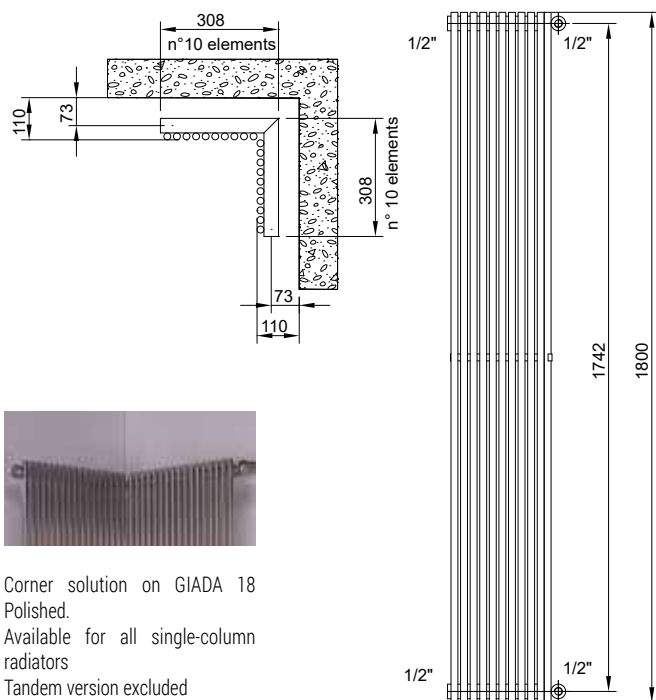
LIVING

ACCESSORIES
TECHNICAL SUPPORT

SPECIAL EXECUTIONS

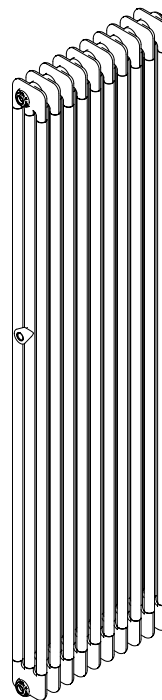
To satisfy increasingly changing market needs, Cordivari has a well experienced and important technical department for "bespoke solutions". Radiators with measures, connections and technical solutions not covered by the catalogue can be developed to customise special requests.

"CORNER" SOLUTION

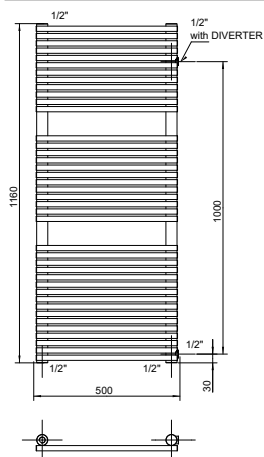


Corner solution on GIADA 18 Polished.
Available for all single-column radiators
Tandem version excluded

LATERAL CONNECTIONS



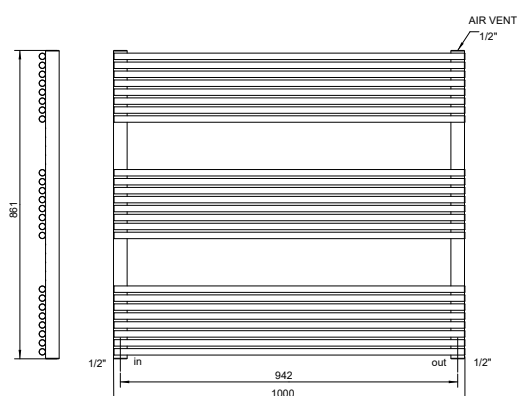
LATERAL CONNECTIONS



Lateral connections with 1000 mm pipes centres shown on ELEN 18 Polished model

Available for all towel rails.

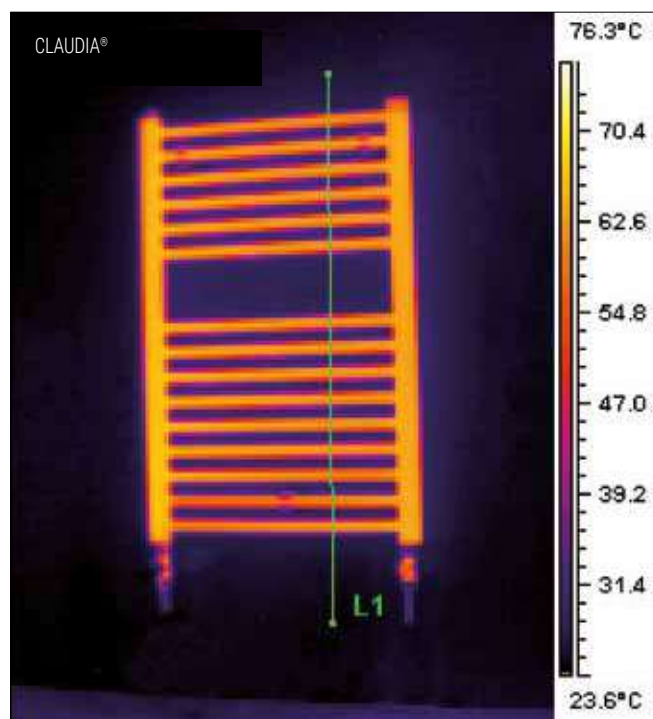
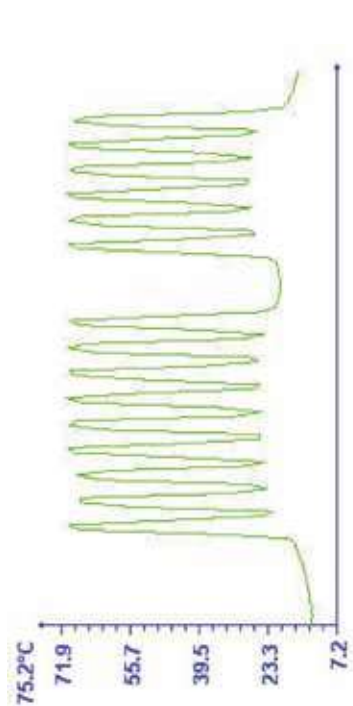
CUSTOMISED POSITIONING OF RADIANTS



Customised realization of ALICE 18 horizontal model with "rhythmic" radiants.

THERMOGRAFIC ANALYSIS

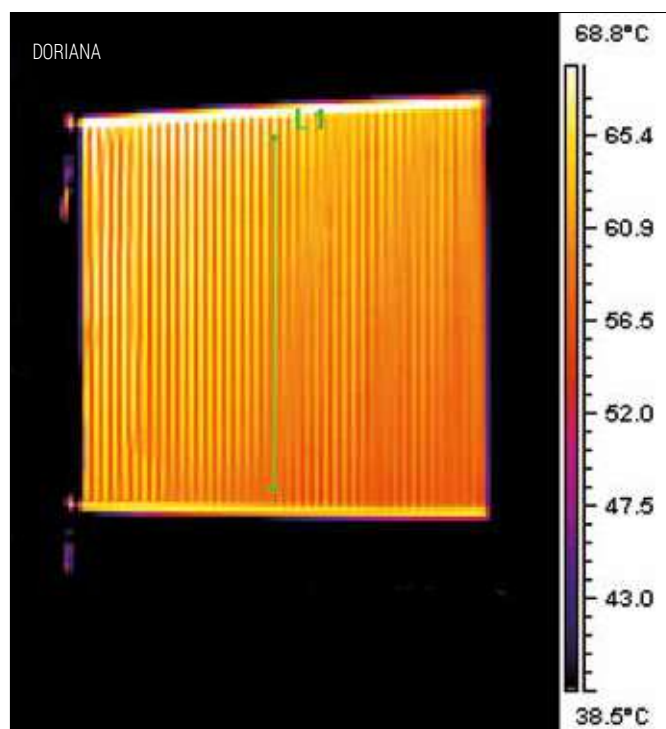
Examples of thermografic analysis for CLAUDIA® and DORIANA models are showed in below graphics.



THERMOGRAFIC ANALYSIS FOR CLAUDIA® RADIATOR

The image shows a Claudia® radiator exposed to thermografic anlysis in our laboratories.

It is easy to notice that the temperature is distributed homogenously as is also shown on the right grafic presenting the numeric values of the superficial temperature observed in line L1.



THERMOGRAFIC ANALYSIS FOR DORIANA RADIATOR

The image shows a Doriana radiator variant V3 exposed to thermografic anlysis in our laboratories.

It is easy to notice that the temperature is distributed homogenously as is also shown on the right grafic presenting the regular lowering of temperature in the radiant from top to bottom consequence of the heat transferred to the room.

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

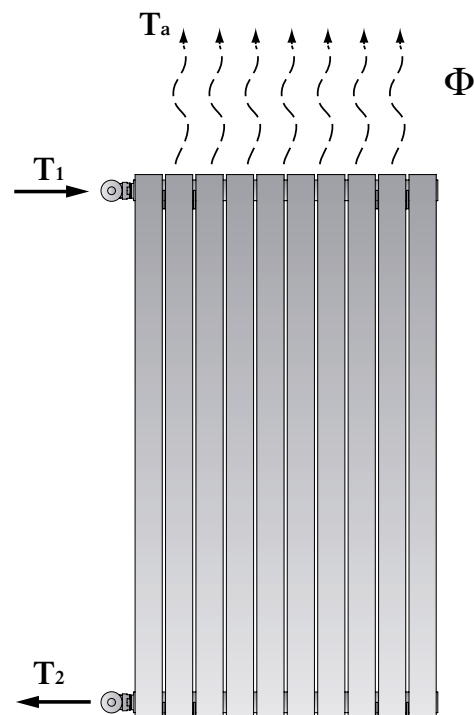
ACCESSORIES
TECHNICAL SUPPORT

TECHNICAL FORMULAS FOR PROFESSIONALS

THERMAL OUTPUT

The power of a radiator to exchange heating in the room where it is installed depends on many factors: shape, size, installation type and so on, and from a pure technical point of view, from the difference between its temperature and the air temperature around it.

It is known in physics that heating is transmitted spontaneously from a hot body to a cold body and this heating transmission is as big as the difference in temperature between the two bodies. In order to have comparable data between radiators thermal output, it is necessary to establish the difference in temperature between the radiator and the environment in which it has been fitted. On this regard, EN 442 European directive refers to the temperature difference between the average hot water temperature inside the radiator and the room temperature where the radiator is fitted.



T_1 = delivery temperature

T_2 = back flow temperature

$$\Delta T = \left(\frac{T_1 + T_2}{2} \right) - T_a$$

T_a = environment temperature

As example, if:

$T_1 = 75^\circ\text{C}$

$T_2 = 65^\circ\text{C}$

$T_a = 20^\circ\text{C}$

$$\Delta T = \left(\frac{75 + 65}{2} \right) - 20 = 50^\circ\text{C}$$

ΔT is established at 50°C and the radiator thermal output has to be determined by authorised laboratories according standard procedures, defined by the European directive. As a consequence:

$$\Phi = K_M \cdot \Delta T^n \quad [\text{W}]$$

That it is called "Heating Body Typical Equation". Such equation allow to calculate the radiator thermal output according to whatever ΔT . In such cases, the radiator thermal output at a different ΔT than 50°C , it is calculated as follows:

$$\Phi_{\Delta T} = K_M \cdot \Delta T^n \quad \Phi_{\Delta T} = \frac{\Phi_{50}}{50^n} \cdot \Delta T^n$$

To be precise, the directive states that it is necessary to refer to the arithmetic temperature difference (the ΔT defined previously) if as it happens in most cases the relation:

$$\mu = \frac{T_2 - T_a}{T_1 - T_a}$$

It is bigger or equal to 0.7. If the radiator is functioning with low water temperature or big temperature drops, the relations μ is lower than 0.7. In this case, it is necessary to change to the above stated relation the "temperature arithmetic difference" with the "temperature logarithmic difference", defined below:

$$\Delta T = \left[\frac{T_1 - T_2}{\ln \frac{T_1 - T_a}{T_2 - T_a}} \right]$$

Example

If the nominal thermal output of one radiator stated in the catalogue is: $\Phi = 430 [\text{W}] = 369,8 [\text{KCal/h}]$

and typical equation defined as: $\Phi = 3,2967 \cdot \Delta T^{1,2451}$

and if we assume to make the radiator functioning at $\Delta T = 60^\circ\text{C}$ we obtain: $\Phi = 3,2967 \cdot 60^{1,2451} = 539,6 [\text{W}] \Rightarrow 539,6 \cdot 0,860 = 464 [\text{KCal/h}]$

It is possible to state then, that going from $\Delta T=50$ to $\Delta T=60$ the radiator thermal output rise of 25,5%.
If we think to make functioning the same radiator according to the below conditions:

$$T_1=55\text{ }^{\circ}\text{C}$$

$$T_2=35\text{ }^{\circ}\text{C}$$

$$T_a=20\text{ }^{\circ}\text{C}$$

$$\mu = \frac{35-20}{55-20} = 0,429 < 0,7 \quad \text{et} \quad \Delta T = \left[\frac{T_1-T_2}{\ln \frac{T_1-T_a}{T_2-T_a}} \right] = \left[\frac{55-35}{\ln \frac{55-20}{35-20}} \right] = 23,6\text{ }^{\circ}\text{C}$$

Applying the above procedure, the thermal output ΔT 23,6 °C it is equal to:

$$\Phi = 3,2967 * 23,6^{1,2451} = 168,8 [W] \Rightarrow 168,8 * 0,860 = 142,2 [KCal/h]$$

We remind that in order to have the thermal output express in Kcal/h, it is necessary to multiply the value in Watt x 0.860.

CALCULATION OF THERMAL OUTPUT WITH DELTA T DIFFERENT FROM 50 °C

To calculate the thermal output in Watt (**W**) with Δt different from 50 °C (Δt_x) you can use the following formula: $W_{\Delta t_x} = W_{\Delta t_{50}} \cdot (\Delta t_x / \Delta t_{50})^n$

E.g.: to calculate the thermal output in Watt with Δt 30 for model ROSY Vertical L 560 mm - H 1600 (that develops 1020 Watt with Exp. n 1,2854):

$$W_{\Delta t_{30}} = 1020 \cdot (30 / 50)^{1,2854} = 529 \text{ Watt}$$

MAXIMUM FLEXIBILITY WITH CORDIVARI RADIATORS

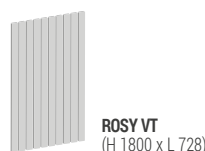
Cordivari radiators range offers many solutions for every need. The following example shows how ROSY Vertical – ROSY TANDEM Vertical – ROSY MAX can satisfy the same need of around 1500 watt thermal output.

T_1 = Temperature of inlet water

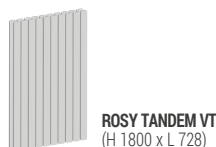
T_2 = Temperature of outlet water

T_a = Room temperature

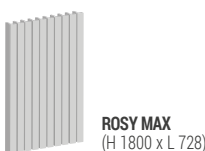
Height [mm]	Width [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_a
1800	728	13	50 °C	1482	75 °C	65 °C	20 °C



Height [mm]	Width [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_a
1800	728	13	40 °C	1591	65 °C	55 °C	20 °C



Height [mm]	Width [mm]	Elements n°	ΔT	Output Watt	T_1	T_2	T_a
1800	728	13	30 °C	1690	55 °C	45 °C	20 °C



NOTE: Above data are indicative and can vary in accordance to the type of installation, energy source and market practice.

OUR WEBSITE CORDIVARI.COM



<http://www.cordivari.com>

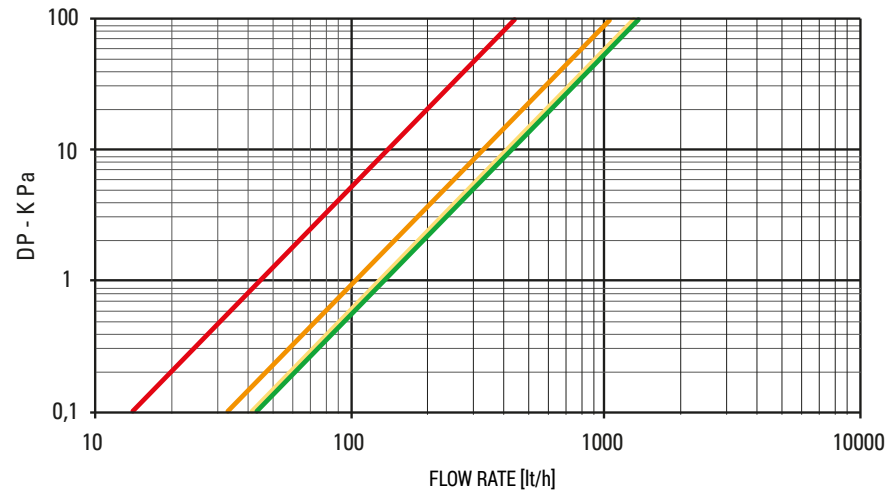
DOWNLOAD AREA

- PDF CATALOGS & BROCHURES
- TECHNICAL SHEETS
- 3D & BIM MODELS
- USER MANUALS & INSTRUCTIONS
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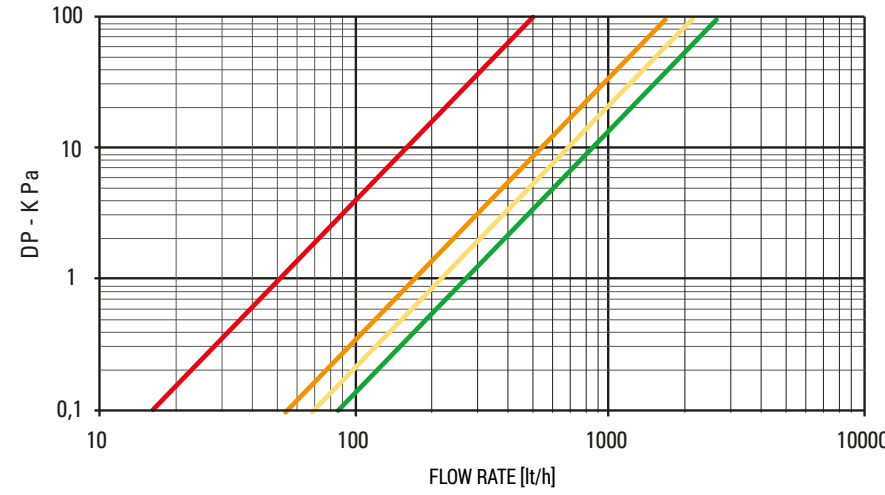
KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

Coefficient Kv, on the below diagrams, states the flow rate in m³/h that is passing by the valve, with a pressure difference of 1 bar.



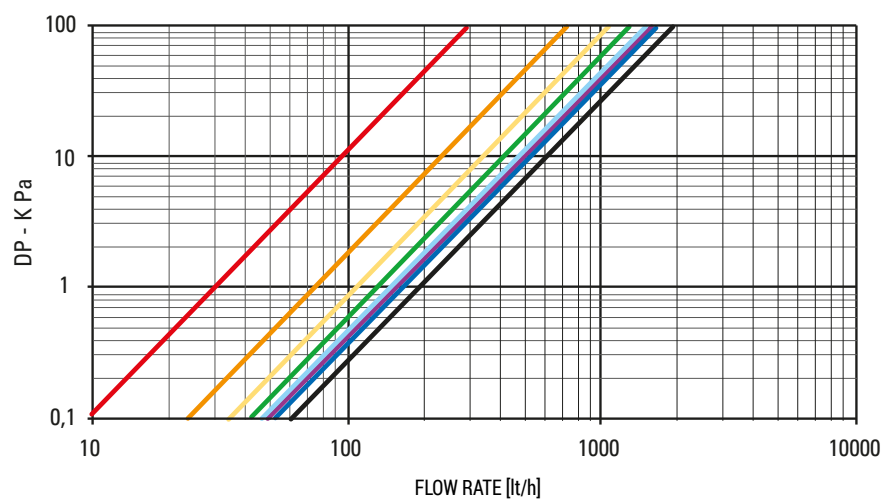
MANUAL
PIPE CENTRES 50 MM
STRAIGHT



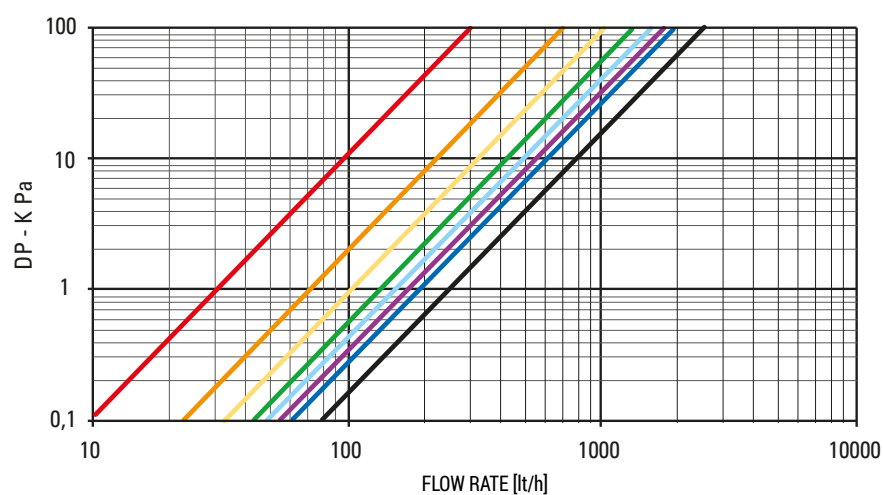
MANUAL
PIPE CENTRES 50 MM
ANGLED

The different colored line indicate different opening levels of the thermostatic head.

KRISTAL VALVE FLOW RESISTANCE



MANUAL
PIPE CENTRES 50 MM
STRAIGHT



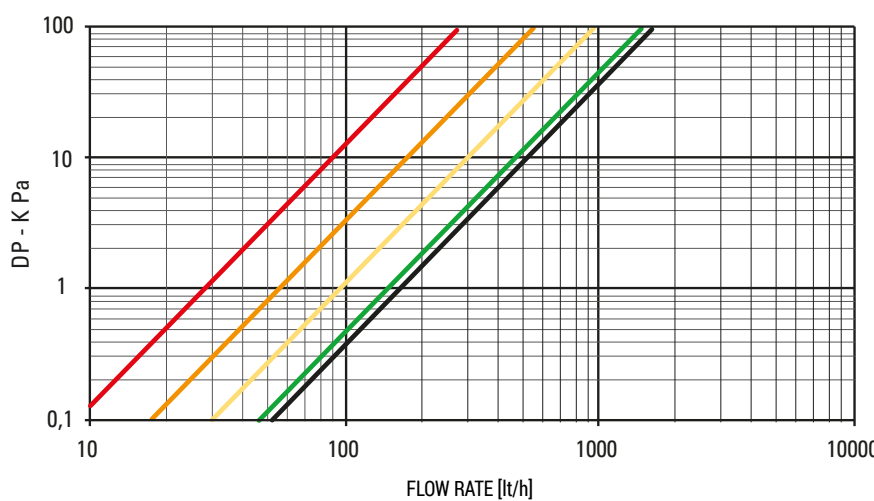
THERMOSTATIC PIPE
CENTRES 50 MM
ANGLED

The different colored line indicate different opening levels of the thermostatic head.

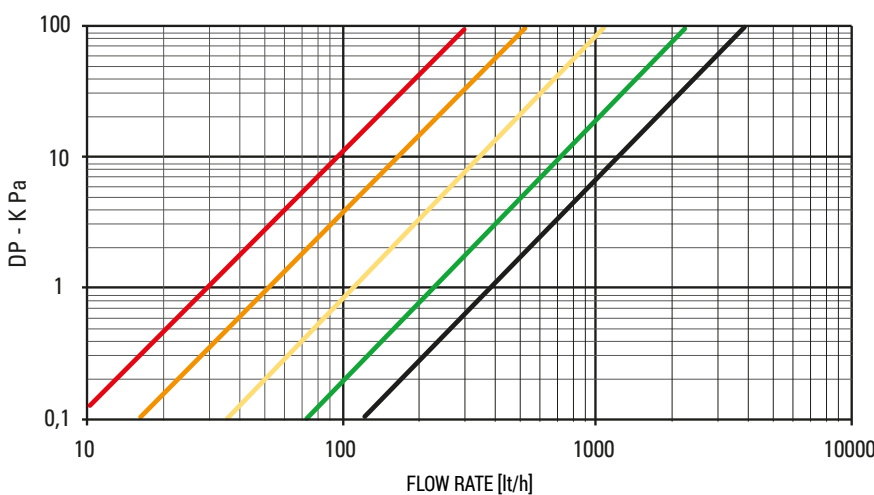
KRISTAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

Coefficient Kv, on the below diagrams, states the flow rate in m³/h that is passing by the valve, with a pressure difference of 1 bar.



THERMOSTATIC
STRAIGHT

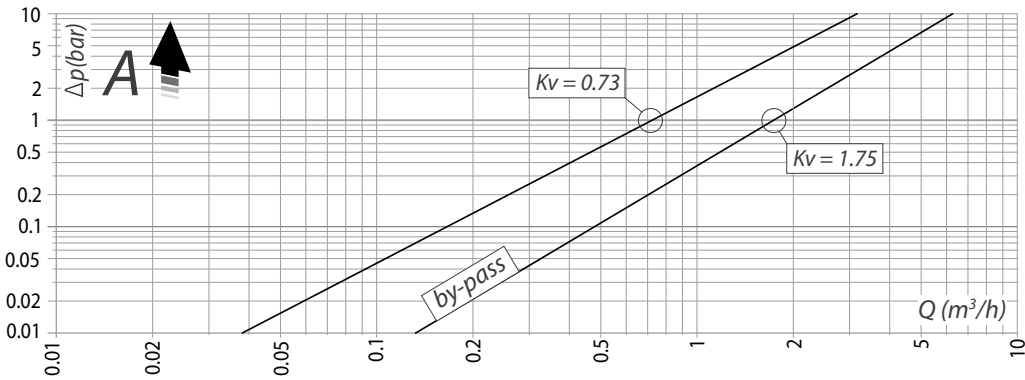


THERMOSTATIC
ANGLED

BIDIRECTIONAL VALVE FLOW RESISTANCE

The following diagrams allow to calculate Cordivari valves flow resistance. The flow resistance is defined as the drop in pressure (express in KPa) that happened inside the valve due to the water (express in l/h) passing by.

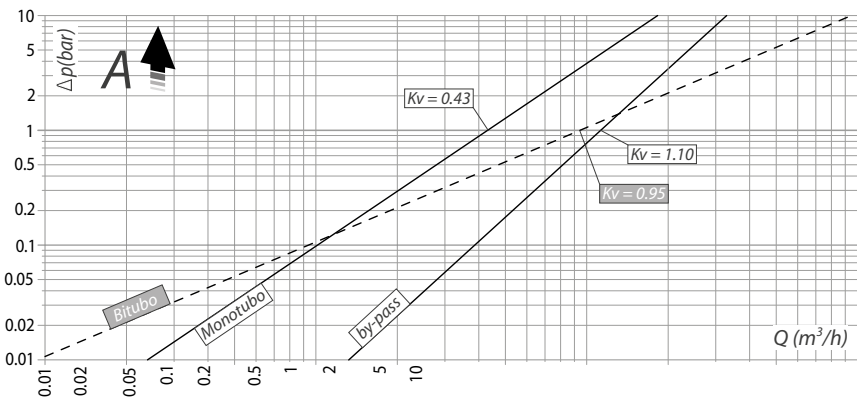
Coefficient Kv, on the below diagrams, states the flow rate in m3/h that is passing by the valve, with a pressure difference of 1 bar.



VALVE BIDIRECTIONAL UNDERNEATH INLET



VALVE BIDIRECTIONAL ANGLED



VALVE BIDIRECTIONAL LATERAL INLET

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

	POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA Laboratorio Misura Risonanze Termomeccaniche S.R.L. <i>Registered office: number 1009</i>	
	<i>Laboratorio certificato secondo gli standard UNI EN ISO 9001 e UNI EN ISO 14001. Per further details on design, laboratory and services visit our website: www.polimi.it or e-mail us at info@polimi.it or 29017202@polimi.it</i>	
	Address: Laboratory operating: 20133 Milano (Italy) - Tel. +39 02 5747 4111 - Fax +39 02 5747 4112	
	Technical address: Via Feltrina, 20/100 - 20133 Milano (Italy) - E-mail: info@polimi.it - Web: www.polimi.it	
Power: +39 02 5747 4111 - 4112 - 4113 - 4114 - 4115 - 4116 - 4117 - 4118 - 4119 - 4120 - 4121 - 4122 - 4123 - 4124 - 4125 - 4126 - 4127 - 4128 - 4129 - 4130 - 4131 - 4132 - 4133 - 4134 - 4135 - 4136 - 4137 - 4138 - 4139 - 4140 - 4141 - 4142 - 4143 - 4144 - 4145 - 4146 - 4147 - 4148 - 4149 - 4150 - 4151 - 4152 - 4153 - 4154 - 4155 - 4156 - 4157 - 4158 - 4159 - 4160 - 4161 - 4162 - 4163 - 4164 - 4165 - 4166 - 4167 - 4168 - 4169 - 4170 - 4171 - 4172 - 4173 - 4174 - 4175 - 4176 - 4177 - 4178 - 4179 - 4180 - 4181 - 4182 - 4183 - 4184 - 4185 - 4186 - 4187 - 4188 - 4189 - 4190 - 4191 - 4192 - 4193 - 4194 - 4195 - 4196 - 4197 - 4198 - 4199 - 4200 - 4201 - 4202 - 4203 - 4204 - 4205 - 4206 - 4207 - 4208 - 4209 - 4210 - 4211 - 4212 - 4213 - 4214 - 4215 - 4216 - 4217 - 4218 - 4219 - 4220 - 4221 - 4222 - 4223 - 4224 - 4225 - 4226 - 4227 - 4228 - 4229 - 4230 - 4231 - 4232 - 4233 - 4234 - 4235 - 4236 - 4237 - 4238 - 4239 - 4240 - 4241 - 4242 - 4243 - 4244 - 4245 - 4246 - 4247 - 4248 - 4249 - 4250 - 4251 - 4252 - 4253 - 4254 - 4255 - 4256 - 4257 - 4258 - 4259 - 4260 - 4261 - 4262 - 4263 - 4264 - 4265 - 4266 - 4267 - 4268 - 4269 - 4270 - 4271 - 4272 - 4273 - 4274 - 4275 - 4276 - 4277 - 4278 - 4279 - 4280 - 4281 - 4282 - 4283 - 4284 - 4285 - 4286 - 4287 - 4288 - 4289 - 4290 - 4291 - 4292 - 4293 - 4294 - 4295 - 4296 - 4297 - 4298 - 4299 - 4300 - 4301 - 4302 - 4303 - 4304 - 4305 - 4306 - 4307 - 4308 - 4309 - 4310 - 4311 - 4312 - 4313 - 4314 - 4315 - 4316 - 4317 - 4318 - 4319 - 4320 - 4321 - 4322 - 4323 - 4324 - 4325 - 4326 - 4327 - 4328 - 4329 - 4330 - 4331 - 4332 - 4333 - 4334 - 4335 - 4336 - 4337 - 4338 - 4339 - 4340 - 4341 - 4342 - 4343 - 4344 - 4345 - 4346 - 4347 - 4348 - 4349 - 4350 - 4351 - 4352 - 4353 - 4354 - 4355 - 4356 - 4357 - 4358 - 4359 - 4360 - 4361 - 4362 - 4363 - 4364 - 4365 - 4366 - 4367 - 4368 - 4369 - 4370 - 4371 - 4372 - 4373 - 4374 - 4375 - 4376 - 4377 - 4378 - 4379 - 4380 - 4381 - 4382 - 4383 - 4384 - 4385 - 4386 - 4387 - 4388 - 4389 - 4390 - 4391 - 4392 - 4393 - 4394 - 4395 - 4396 - 4397 - 4398 - 4399 - 4400 - 4401 - 4402 - 4403 - 4404 - 4405 - 4406 - 4407 - 4408 - 4409 - 4410 - 4411 - 4412 - 4413 - 4414 - 4415 - 4416 - 4417 - 4418 - 4419 - 4420 - 4421 - 4422 - 4423 - 4424 - 4425 - 4426 - 4427 - 4428 - 4429 - 4430 - 4431 - 4432 - 4433 - 4434 - 4435 - 4436 - 4437 - 4438 - 4439 - 4440 - 4441 - 4442 - 4443 - 4444 - 4445 - 4446 - 4447 - 4448 - 4449 - 4450 - 4451 - 4452 - 4453 - 4454 - 4455 - 4456 - 4457 - 4458 - 4459 - 4460 - 4461 - 4462 - 4463 - 4464 - 4465 - 4466 - 4467 - 4468 - 4469 - 4470 - 4471 - 4472 - 4473 - 4474 - 4475 - 4476 - 4477 - 4478 - 4479 - 4480 - 4481 - 4482 - 4483 - 4484 - 4485 - 4486 - 4487 - 4488 - 4489 - 4490 - 4491 - 4492 - 4493 - 4494 - 4495 - 4496 - 4497 - 4498 - 4499 - 4500 - 4501 - 4502 - 4503 - 4504 - 4505 - 4506 - 4507 - 4508 - 4509 - 4510 - 4511 - 4512 - 4513 - 4514 - 4515 - 4516 - 4517 - 4518 - 4519 - 4520 - 4521 - 4522 - 4523 - 4524 - 4525 - 4526 - 4527 - 4528 - 4529 - 4530 - 4531 - 4532 - 4533 - 4534 - 4535 - 4536 - 4537 - 4538 - 4539 - 4540 - 4541 - 4542 - 4543 - 4544 - 4545 - 4546 - 4547 - 4548 - 4549 - 4550 - 4551 - 4552 - 4553 - 4554 - 4555 - 4556 - 4557 - 4558 - 4559 - 4560 - 4561 - 4562 - 4563 - 4564 - 4565 - 4566 - 4567 - 4568 - 4569 - 4570 - 4571 - 4572 - 4573 - 4574 - 4575 - 4576 - 4577 - 4578 - 4579 - 4580 - 4581 - 4582 - 4583 - 4584 - 4585 - 4586 - 4587 - 4588 - 4589 - 4590 - 4591 - 4592 - 4593 - 4594 - 4595 - 4596 - 4597 - 4598 - 4599 - 4600 - 4601 - 4602 - 4603 - 4604 - 4605 - 4606 - 4607 - 4608 - 4609 - 4610 - 4611 - 4612 - 4613 - 4614 - 4615 - 4616 - 4617 - 4618 - 4619 - 4620 - 4621 - 4622 - 4623 - 4624 - 4625 - 4626 - 4627 - 4628 - 4629 - 4630 - 4631 - 4632 - 4633 - 4634 - 4635 - 4636 - 4637 - 4638 - 4639 - 4640 - 4641 - 4642 - 4643 - 4644 - 4645 - 4646 - 4647 - 4648 - 4649 - 4650 - 4651 - 4652 - 4653 - 4654 - 4655 - 4656 - 4657 - 4658 - 4659 - 4660 - 4661 - 4662 - 4663 - 4664 - 4665 - 4666 - 4667 - 4668 - 4669 - 4670 - 4671 - 4672 - 4673 - 4674 - 4675 - 4676 - 4677 - 4678 - 4679 - 4680 - 4681 - 4682 - 4683 - 4684 - 4685 - 4686 - 4687 - 4688 - 4689 - 4690 - 4691 - 4692 - 4693 - 4694 - 4695 - 4696 - 4697 - 4698 - 4699 - 4700 - 4701 - 4702 - 4703 - 4704 - 4705 - 4706 - 4707 - 4708 - 4709 - 4710 - 4711 - 4712 - 4713		

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

 POLITECNICO DI MILANO - DIPARTIMENTO DI INGEGNERIA Laboratorio Misure Risonanze Termomeccaniche M.R.T. - Sottopila 1001 number: 1001 Indirizzo: viale Cassanese, 13 - 20133 Milano - Italia - Tel. 02/76063111 - Telefax 02/76063112 Indirizzo Telex: 320531 - Telex Telegrammi: 320531 - Telex Radiotelegrammi: 320531 - Telex Radiotelegrammi: 320531 Indirizzo Telex: 320531 - Telex Telegrammi: 320531 - Telex Radiotelegrammi: 320531 - Telex Radiotelegrammi: 320531 Indirizzo Telex: 320531 - Telex Telegrammi: 320531 - Telex Radiotelegrammi: 320531 - Telex Radiotelegrammi: 320531	
Normale Anno: 1984/85 Titolo: Risonanze Termomeccaniche Classe: Meccanica Disciplina: Meccanica Settore: Meccanica	
Assistenti: 02/20133 (02/20133) Prof.: 02/20133 (02/20133) Assistenti: 02/20133 (02/20133)	
Assistenti di Area: 02/20133 (02/20133) Prof.: 02/20133 (02/20133)	EN-MET-RES-1001
Tipi di Prova: Dinamica (Dinamica)	COORDINATI: ARIANNA
Caratteristiche: Prova Dinamica (Dinamica)	
NORMA EUROPEA EN 442-2004 RISULTATI DI PROVA - RESULTS OF PROVA - TEST RESULTS - PRÜFUNGSK - RESULTATS.	
Data: 1984/85 (1984/85)	12 marzo 1985
Redattori: Laboratorio (Laboratorio)	COORDINATI: ARIANNA
Manuale di Istruzione: Istruzione (Istruzione)	COORDINATI: ARIANNA
Comma: (Comma) (Comma)	ARIANNA
Materiale: Materiale (Materiale)	ARIANNA
Verifiche: Verifica (Verifica)	ARIANNA
Equazione caratteristica della matrice Eigenvalue caratteristica della matrice Eigenvalue caratteristica della matrice Eigenvalue $\Phi = K \cdot H \cdot T \cdot A \cdot B \cdot C \cdot D \cdot E \cdot F \cdot G \cdot H \cdot I \cdot J \cdot K \cdot L \cdot M \cdot N \cdot O \cdot P \cdot Q \cdot R \cdot S \cdot T \cdot U \cdot V \cdot W \cdot X \cdot Y \cdot Z$	
Il n. matrici: Matrici (Matrici)	ARIANNA
Con: (Con)	ARIANNA
Dimensione caratteristica: Dimensione caratteristica (Dimensione caratteristica)	ARIANNA
La gamma è costituita dai modelli elencati nella tabella sotto riportata: Il numero che si trova nella tabella sotto riportata è il numero che si trova nella tabella sotto riportata.	
Il Responsabile della Prova:	Il Direttore del Dipartimento:
P.F. Cuneo:	P.F. Cuneo:
Il Responsabile della Prova:	Il Direttore del Dipartimento:
P.F. Cuneo:	P.F. Cuneo:

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

[illegible]

Determination of working pressure and working temperature according to the standard EN 442-1 and EN 442-2.

	POLITECNICO DI MILANO - DIPARTIMENTO DI INGENNERIA Laboratorio di Ricerche Fisico-Matematiche - F.M.F. Laboratorio di ricerca sulla dinamica dei fluidi - L.D.F.	
	Laboratorio di ricerca sulla dinamica dei fluidi - L.D.F.	
	Laboratorio di ricerca sulla dinamica dei fluidi - L.D.F.	
	Laboratorio di ricerca sulla dinamica dei fluidi - L.D.F.	
Dimensione in presenza (cattedra) 15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-99		

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt a ΔT 50°C.

	MODULO	Codice	TEC.POS.57 M.1.0
	Dichiarazione di prestazione Radatori	Emissione	24/06/2022
		PGE collegata	TEC.PGE.1
		N° pagina	Pag. 1 di 7

1. Codice di identificazione unico del prodotto-tipo secondo la EN 442-2, Allegato G:
 - ☐ G.1 Radiatore ad elementi di acciaio (flusso acqua verticale)
 - ☐ G.3 Radiatore scaldasivole/radiatore a flusso d'acqua orizzontale
 - ☒ G.9 Radiatore multicollonna

2. Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:

Nome commerciale	Larghezza [mm]	Altezza [mm]
ARDESIA	2-3-4-5-6	200-207-300-356-400-406-500- 556-580-600-626-656-676-710- 756-786-856-876-900-926-956- 1000-1056-1200-1500-1656- 1800-1856-2000-2056-2200-2500

Il codice del prodotto è indicato sull'etichetta.

3. Scopo di utilizzo previsto dal fabbricante o scogli di utilizzo del prodotto da costruzione conformemente alle specifiche tecniche armonizzate applicabili:
 Radatori per l'emissione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati da sorgente remota di acqua calda o vapore a temperatura minore di 110° C (EN 442-1-2:2014).

4. Nome e indirizzo del fabbricante:
 Cordivari Srl, Zona Industriale Pagliare - 64020 Maro D'Oro (TE)

5. Non applicabile

6. Sistema di valutazione e controllo della costanza di prestazione del prodotto:
 Sistema 3

7. Laboratorio di prova notificato:
 Il Politecnico di Milano – Dipartimento di Energia (Notified body number: 1695) ha effettuato prove di tipo secondo la norma armonizzata UNI EN 442 e ha rilasciato:
 - Determinazione della potenza termica di un corpo scaldante:
 Rapporto di prova N° ENC/MRT.RES.13029/13030/13031/13032/13033 – 06/09/2013;
 - Prove di tenuta a pressione:
 Rapporto di prova N° 1623 BQ.200 – 23/11/2005.

8. Non applicabile

Declaration of performance according to REG 305/2011 (CPR)

	MODULO		Codice		TEC9057 M			
	Dichiarazione di conformità Radiatori		Emissione		24/06/2022			
			PGI collegata		TEC.DG.1			
			Pag. 1 pagina		Pag. 2 di 2			
9. Prestazioni dichiarate								
Caratteristiche essenziali	Prestazione				Specifica tecnica armonizzata			
Reazione al fuoco	A2							
Emissione di sostanze pericolose	No							
Massima pressione di esercizio	10 bar							
Temuta alla pressione	Fino a 1,3 volte la pressione massima di esercizio							
Resistenza alla pressione	Fino a 1,69 volte la pressione massima di esercizio							
Temperatura superficiale	Massimo 110°C							
Potenza termica	2 Elementi							
	Misure	Φ 50	Φ 30					
		[mm]	[W]	[W]	Km	n		
	200	16,8	8,6	0,10145	1,3067			
	207	17,5	9,0	0,10721	1,3053			
	300	25,6	13,1	0,15452	1,2471			
	356	29,8	15,7	0,17583	1,25489			
	400	33,0	17,3	0,19746	1,26102			
	406	33,4	17,4	0,20097	1,26185			
	500	40,1	20,9	0,27341	1,27693			
	556	44,0	22,9	0,29132	1,28773			
	586	46,4	23,9	0,30033	1,2869			
	600	47,1	24,4	0,3044	1,28885			
	626	48,9	25,3	0,31174	1,29247			
	656	51,0	26,3	0,31987	1,29664			
	676	52,4	27,0	0,32599	1,29943			
	750	57,6	29,5	0,3431	1,30973			
	756	58,0	29,7	0,34448	1,31056			
	786	60,1	30,1	0,35117	1,31474			
	856	65,1	33,1	0,36561	1,32448			
	876	66,5	33,7	0,36949	1,32726			
	900	68,1	34,4	0,37395	1,3306			
	936	70,0	35,4	0,38244	1,33164			
	956	72,1	36,5	0,39126	1,33284			
	1000	75,2	38,0	0,40626	1,3346			
	1056	79,2	40,0	0,42399	1,33484			
	1200	89,5	45,1	0,46844	1,3426			
	1500	110,0	55,8	0,55566	1,3546			
	1656	123,1	61,0	0,61460	1,35469			
	1800	134,1	67,1	0,66945	1,35478			
	1856	138,4	69,3	0,69102	1,35481			
	2000	149,8	74,0	0,74724	1,35479			
	2056	154,2	77,2	0,7694	1,35493			
	2200	165,9	83,0	0,82719	1,35502			
	2500	190,9	95,1	0,91514	1,3552			
Curva caratteristica	Φ = 1,47							
Resistenza alla corrosione	> 100 > h							
Aderenza	Classe 0							

Dichiarazione di prestazione n° 15-2020 di cui agli artt. 4, 5, 7 e Allegato III del Reg. (UE) 9-2011, n. 305/2011

Declaration of performance according to REG 305/2011
(CPR)

ACCESSORIES TECHNICAL SUPPORT



TEST REPORT FROM MRT (Politecnico of Milan-Italy)

Thermal output, hydraulic pressure test.

[illegible]

Certification by the HLK laboratory (University of Stuttgart) to DIN 55900-1, 55900-2.

PRODUCT CERTIFICATES



Examples of tests conducted at the laboratories of Politecnico di Milano and CETIAT, certification and declaration of CE conformity.

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Misura Riscaldamento M.R.T.

NORMA/REFERENCE/REFERENCE/REFERENZIA: EN 442-1 & EN 442-2

RAPPORTI DI PROVA/RAPPORTS D'ESSAI/TESTS REPORTS/PRÉFICHIERS/INFORMES DE PRÉFICHIERS

Sommario/Summary/Summary/Isolati/Résumé

1. ENE-MRT RAP-01018
Determinazione della potenza termica di un corpo scaldante:
Determination of the thermal output of a heating radiator:
Bestimmung der Wärmelieferung eines Heizkörpers:
Determinación de la salida de calor de un calentador de calefacción.

2. ENE-MRT RAP-01019
Prova di tenuta a pressione:
Pressure testing:
Prova di tenuta a pressione:
Prova di tenuta a pressione:
Prova di tenuta a pressione:

3. ENE-MRT RAP-01019/P
Prova di tenuta a pressione:
Pressure testing:
Prova di tenuta a pressione:
Prova di tenuta a pressione:
Prova di tenuta a pressione:

Il Responsabile della Prova **Il Responsabile del Laboratorio** **Il Direttore del Dipartimento**

TEST REPORT FROM MRT (Politecnico di Milan-Italy)

Thermal output, hydraulic pressure test.

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Misura Riscaldamento M.R.T.

NORMA/REFERENCE/REFERENCE/REFERENZIA: EN 442-1 & EN 442-2

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Prova di tenuta a pressione:

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Prova di tenuta a pressione:
Pressure testing:
Prova di tenuta a pressione:
Prova di tenuta a pressione:
Prova di tenuta a pressione:

Il Responsabile della Prova **Il Responsabile del Laboratorio** **Il Direttore del Dipartimento**

TEST REPORT FROM MRT (Politecnico di Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt at ΔT 50°C.

POLITECNICO DI MILANO - DIPARTIMENTO DI ENERGIA
Laboratorio Misura Riscaldamento M.R.T.

NORMA/REFERENCE/REFERENCE/REFERENZIA: EN 442-1 & EN 442-2

RAPPORTI DI PROVA/RAPPORTS D'ESSAI/TESTS REPORTS/PRÉFICHIERS/INFORMES DE PRÉFICHIERS

Sommario/Summary/Summary/Isolati/Résumé

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Il Responsabile della Prova **Il Responsabile del Laboratorio** **Il Direttore del Dipartimento**

TEST REPORT FROM MRT (Politecnico di Milan-Italy)

Determination of thermal output according to the standard EN 442-1 and EN 442-2, relevant characteristic formula, nominal power expressed in Watt at ΔT 50°C.

CORDIVARI

MODULO **Codice** **TEC-POS.57 M.1.0**

Dichiarazione di prestazione Radiatori

1. Codice di identificazione unico del prodotto-tipo secondo la EN 442-2, Allegato G:
☐ G.1 Radiatore ad elementi di acciaio (flusso acqua verticale)
☒ G.3 Radiatore scaldaservietta/radiatore a flusso d'acqua orizzontale
☐ G.9 Radiatore multicolorato

2. Identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4:

Nome commerciale	Larghezza [mm]	Altezza [mm]
Claudia Wide	1200-1400	440-620

Il codice del prodotto è indicato sull'etichetta.

3. Scopo di utilizzo previsto dal fabbricante o scopi di utilizzo del prodotto da costruzione conformemente alle specifiche tecniche armonizzate applicabili:
Radiatori per l'emissione di calore destinati all'installazione permanente in impianti di riscaldamento di edifici ad uso abitativo, alimentati dal sorgente remota di acqua calda o vapore a temperatura minore di 110°C (EN 442-1-2 2014).

4. Nome e indirizzo del fabbricante:
Cordivari Srl, Zona Industriale Pagliare - 64020 Morro D'Oro (TE)

5. Non applicabile

6. Sistema di valutazione e controllo della costanza di prestazione del prodotto:
Sistema 3

7. Laboratorio di prova notificato:
Il Politecnico di Milano - Dipartimento di Energia (Notified body number: 1695) ha effettuato prove di tipo secondo la norma armonizzata UNI EN 442 e ha rilasciato:

- Determinazione della potenza termica di un corpo scaldante:
Rapporto di prova N° ENE/MRT.RAP.16205/16206/16207/16208 - 06/06/2015;
- Prove di tenuta a pressione:
Rapporto di prova N° ENE/MRT.RAP. 16205/16206/16207/16208 - 06/06/2015.

8. Non applicabile

Dichiarazione di prestazione n° 117-2020 di cui agli art. 4, 6, 7 e Allegato III del Reg. (UE) 9-3-2011, n. 305/2011

DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011 (CPR).

CORDIVARI

MODULO **Codice** **TEC-POS.57 M.1.0**

Dichiarazione di prestazione Radiatori

9. Prestazioni dichiarate

Caratteristiche essenziali	Prestazione	Specifiche tecniche armonizzate
Reazione al fuoco	AI	EN 442-1: 2014
Emissione di sostanze pericolose	NO	
Massima pressione di esercizio	8 bar	
Tenuta alla pressione	Fino a 1,3 volte la pressione massima di esercizio	
Resistenza alla pressione	Fino a 1,65 volte la pressione massima di esercizio	
Temperatura superficiale	Massimo 110°C	
Potenza termica	Misure ϕ 50 ϕ 30 ϕ 20 K_{eff} n 440x1200 471 261 5,1470 1,1546 440x1400 558 311 6,3409 1,1647 620x1200 712 390 7,1401 1,1764 620x1400 837 457 8,1952 1,1836	
Curva caratteristica	$\Phi = K_{\text{eff}} \times \Delta T^n$	
Resistenza alla corrosione	No > 100 h	
Aderenza	Classe 0	

10. Le prestazioni del prodotto individuato ai punti 1 e 2 sono le stesse dichiarate al punto 9. Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 4.

Morro D'Oro, Rev.01 21/01/2020

L'Amministratore unico
Ecole Cordivari

Dichiarazione di prestazione n° 117-2020 di cui agli art. 4, 6, 7 e Allegato III del Reg. (UE) 9-3-2011, n. 305/2011

DOP - DECLARATION OF PERFORMANCE

Declaration of performance according to REG 305/2011 (CPR).

CORDIVARI

LYFE CYCLE ASSESSMENT (LCA)

APPARECCHIO DI RISCALDAMENTO ELETTRICO, VISIBILE E FISSO DI TIPO RADIATORE ELETTRICO

CORDIVARI S.p.A. - Zona Ind. Pagliare 64020 Morro D'Oro (TE) Italia - cordivari.it - cordivari@cordivari.it - Tel. +39 085 80402 Fax +39 085 8040428 C.F./P.IVA 04711610877 - REA TE 9632210 - Cap. Sociale € 10.000.000,00 i.e. - UNI EN ISO 9001 - 45001

EPD

Environmental Product Declaration according to ISO 14025.

COMPANY SYSTEM CERTIFICATES



**Quality System Certificate
UNI EN ISO 9001**



**Environment System Certificate
UNI EN ISO 14001**

Cordivari has always had among its goals:

- Continual improvement of its products
- Minimal environmental impacts
- Achievement of total quality

Cordivari worked out in order to obtain the most important certifications showing the company engagement towards of its internal system and external environment.



**Safety Management System Certificate
UNI EN ISO 45001**

CE MARK

The CE mark for radiators:

The CE mark for radiators is compulsory since 01/12/2005.

The main features and tests are:

- Thermal output with relevant heat loss and characteristic formula tested by a certified laboratory as CETIAT, MRT and HLK.
- Conformity to the directive 76/769/CEE regulating the use of dangerous substances during painting process.
- Fire resistance according to EN 13501-1
- Corrosion resistance, endurance in humid atmosphere (min. 100 hours)
- Pressure test

The symbol of CE mark, in conformity to the directive 93/68/CEE, together to other technical information, is applied on the product and on its packaging.

Main Standards regulating the construction of design radiators:

UNI EN 442-1:2015

Radiators and convectors – Part 1 : Technical specifications and requirements

UNI EN 442-2:2015

Radiators and convectors – Part 2: Test and evaluation methods

UNI EN 13501-1:2005

Fire class of products and construction parts.

CPR 305/2011

REGULATION (UE) N. 305/2011 OF THE EUROPEAN PARLIAMENT AND COUNCIL ON MARCH 9TH 2011 which regulates the trade of building products and abrogates Council Directive 89/106/CEE.

76/769/CEE

Directive on use and market of some dangerous substances.

93/68/CEE

CE mark

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

GENERAL SALES CONDITIONS AND WARRANTY

Sales of Cordivari's products are made according to the conditions listed below. Exceptions should be accorded in written by Cordivari Srl.

1. SHIPMENT

Goods are transported at buyer's risk and peril, even if they are shipped free of carriage. Goods have to be checked at the delivery about unaltered packaging, missing or confused products in the presence of the forwarder. Any claim has to be immediately communicated to the forwarder by appointing the shipment's document and by registered mail within 8 days from receipt of the goods (otherwise Cordivari Srl is cleared of his responsibilities).

2. DELIVERY TERMS

Delivery terms are indicative. Failure to comply with the agreed delivery terms for any reasons will not entitle the buyer to any compensation, cancellation or modification of the order without our prior consent. In case of strikes, lack in raw materials, or any other Act of God, Cordivari Srl reserves the right to decide proper countermeasures; in this case Cordivari Srl should be considered exempted from any responsibility. Shall ordered goods not be collected within agreed date, the same will be invoiced and stored with risks and costs charged to the customer.

3. DRY WEIGHT, MEASURES, SURFACES

Dry Weights, measures, surfaces, shapes, sizes, images and other figures related to the products are merely indicative and Cordivari Srl may at any time modify them.

4. ORDER CANCELLATION OR MODIFICATION

All orders are valid only if accepted in written form by Cordivari Srl. No orders shall be cancelled even partially without the consent of Cordivari Srl. It will not be possible to modify the order when the production has already started. Any cost deriving from the modifications or cancellation will be charge to the buyer.

5. RADIATORS/ACCESSORIES WARRANTY ON CONSTRUCTION DEFECTS

For Ardesia® tubular radiators and Claudia towel rail (hot water version) Cordivari Srl offers 5 years warranty. For Ardesia® in the finishing F28 TRANSPARENT SHINY the warranty period is 2 years.

- For all painted towel rails and single/double column living radiators Cordivari Srl offers warranty terms and period of 5 years only if radiators are installed in closed heating system.
- For towel rails and single column living radiators line in stainless steel Cordivari Srl offers 10 years warranty, only if radiators are installed in closed heating system.
- All electric radiators (stainless steel and mild steel) and all chromed radiators Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE.
- For accessories, customized products according to clients' requirements and other items not listed in present sales and warranty conditions, Cordivari Srl offers warranty terms and period according to the national law following the directive for warranties 1999/44/CE, except for electrical and electronic components for which the warranty is 12 months.
- All the products in this catalogue are designed and made according to European Directives CE, EN, UNI, etc. Warranty and conformity of these products are valid only in countries that apply such regulations. For Extra UE countries, or for countries that do not follow these regulations, Cordivari Srl is not responsible for warranty and conformity.

WARRANTY WILL BE APPLICABLE AT THE FOLLOWING CONDITIONS:

- The warranty period starts with the date of the delivery of the material by Cordivari and this warranty is invalidated if the code of the radiator with the date is removed or modified.
- Warranty is only valid if Cordivari S.r.l. is notified by registered mail about the fault within 8 days since delivery.
- Warranty will take effect after having examined the defects and their causes in the Cordivari plant.
- The materials that have to be replaced or repaired must be shipped free of charge to the Cordivari plant.

Warranty will be applicable at the following conditions:

- materials must have been stored in good conditions and protected from the inclemency of the weather before installation;
- radiator did not have damages during transport, handling or installation;
- no alterations or reparations must be done without the prior consent of the seller;
- the buyer must have paid all the bills within the pre-established deadlines;
- if for cleaning none of those aggressive, corrosive, substances not suitable for radiators material have been used;
- the installation must have been done by professionals and in conformity

with all instructions and standards written on the technical data sheets provided by Cordivari S.r.l.;

- no periodical emptying or charging of the system must have taken place;
 - no aggressive chemical substances must have been added to the water of the system
 - the working pressure and temperature shown in the catalogue must correspond to the current usage pressure and temperature;
 - the caps and Accessories used must be original Cordivari materials;
 - radiator has not been connected to a system with open expansion tank;
 - the radiators must not have been connected to the sanitary water system;
- The warranty doesn't cover construction or dismantling costs to move the product from/to the installation place.

In case of using antifreeze, it should never be used pure, but it has to be diluted before including in the heating system.

When you use anti-corrosion, it has to be compatible with all the material composing the heating elements of the radiator.

In case of preinstalled Cordivari's caps, each alteration of those caps will void the warranty of the product. Cordivari will not assume responsibilities for radiator assembled by other people and/even for caps which are not by Cordivari. Cordivari's warranty immediately cease in case of reparations or modifications on products without the previous agreement of Cordivari.

Heating system should be without any remaining of metals, calamine, grease, and without presence of gas.

Before starting the heating system, rinse residuas from the installation/working.

Warranty will not be valid in case of damages caused by electrical system.

The purchaser may not claim any other cost of direct or indirect damage to person or properties resulting from above confirmed defects.

6. PAYMENTS

All invoices have to be paid according to the agreed deadline. Any delay, even partial may suspend the planned deliveries. Overdue interest could be charged at current rates.

7. GOODS' PROPERTY

Cordivari Srl remains owner of the delivered goods until they are not completely paid. In case of failure to proceed to the payment, Cordivari Srl could ask for immediate restitution of goods and keep the paid partial amount as indemnity. Cordivari Srl can reserve the right to evaluate bigger damages caused by the outstanding amount.

8. PRICES

Prices are not binding and can be modified without communication and can be modified on basis of the modifications which could appear before and during delivery. Prices are intended on FCA-MORRO D'ORO (Incoterm 2010 basis), except in case of written agreements. For some voluminous delivery Cordivari may charge some extra-costs. All prices indicated are V.A.T. excluded.

9. ORDERS/DELIVERY

The Order value is minimum Euro 2.000,00. Given orders are binding to the buyer, who acknowledges of all our sales conditions.

Delivery is considered to customer main place/warehouse; for any different destination please get in touch with our sales dept.

10. COURT AUTHORITY

For the following Catalogue and conditions only the provisions of Italian law will be used. For controversy, the Court of Teramo (Italy) shall have exclusive competence. Essential and trial law shall be exclusively Italian.

11. ORIGINAL VERSION

Being a translation, the Italian language is the only valid language for interpretation and conditions of this catalogue version.

CONDIZIONI DI VENDITA E GARANZIA

La vendita dei prodotti viene effettuata conformemente alle sotto elencate Condizioni Generali di Vendita e Garanzia. Ogni deroga è subordinata all'accettazione scritta da parte dalla Cordivari Srl.

1. SPEDIZIONE

La merce viaggia a rischio e pericolo del Committente, anche se viene spedita franco destino. La merce deve essere verificata all'atto della consegna, controllando l'integrità dell'imballo, articoli mancanti o sostituzioni in presenza del trasportatore. Ogni contestazione dovrà essere segnalata immediatamente al trasportatore/corriere firmando con riserva il DDT e confermando tale riserva a mezzo lettera raccomandata o posta certificata entro otto giorni dal ricevimento merce. (In caso di mancata osservanza di questa clausola la Cordivari Srl e l'impresa di trasporto sono svincolati da qualsiasi responsabilità).

2. TERMINI DI CONSEGNA

I termini di consegna si intendono puramente indicativi e comunque se il termine di consegna non potesse essere rispettato per qualsiasi motivo, il Committente non avrà diritto a esigere alcun indennizzo, pagamento di penali, annullamento o modifica all'ordine conferitoci. In caso di eventi straordinari quali calamità naturali, scioperi, mancanza di materie prime, e cause di forza maggiore, la Cordivari Srl si riserva la scelta delle misure da adottare. Se la merce ordinata non viene ritirata nel periodo concordato, questa verrà fatturata e immagazzinata con costi, rischio e pericolo a carico del Committente.

3. PESI, MISURE, SUPERFICI

Pesi, misure, superfici, forme, dimensioni, immagini e altri dati sono indicativi e non impegnativi e possono subire delle modifiche o variazioni che la Cordivari Srl si riserva di apportare ai suoi prodotti senza preavviso.

4. ANNULLAMENTO O MODIFICA ORDINE

Senza il consenso scritto della Cordivari Srl, le ordinazioni conferite non possono essere né parzialmente né totalmente annullate o modificate. Non si accordano variazioni o modifiche quando sia già stata intrapresa la lavorazione. Eventuali spese derivanti dall'annullamento o modifica dell'ordine saranno fatturate al Committente.

5. GARANZIA RADIATORI E ACCESSORI

- La Cordivari Srl garantisce tutti i radiatori verniciati (nella versione acqua calda/idronici) per un periodo di 5 anni. Per i radiatori tubolari della linea Ardesia® con finitura F28 Shiny Transparent e per i prodotti cromati, la garanzia è di 2 anni. I radiatori scaldasalviette e i monocolonna arredo living in acciaio inox sono garantiti per 10 anni, i radiatori con finitura rame ed ottone antico 2 anni. I radiatori scaldasalviette a funzionamento elettrico, sono garantiti nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE.
- Per tutti gli accessori, i prodotti speciali realizzati su specifica del Committente e tutti gli articoli residuali non contemplati nelle condizioni di vendita la Cordivari Srl garantisce nei termini e per il periodo di tempo stabilito dalla legge nazionale di recepimento della Direttiva Garanzie 1999/44/CE, ad eccezione di componenti elettrici ed elettronici, dove la garanzia è di 12 mesi.
- I prodotti di questo catalogo sono realizzati e progettati in conformità alla direttive europee di riferimento CE, EN, UNI, ecc. La garanzia e la conformità di detti prodotti hanno valenza esclusivamente in quei paesi dove tali norme sono riconosciute e recepite. In paesi extra europei o comunque che non recepiscono tali norme, la Cordivari Srl non assume responsabilità per garanzie e conformità.

LA GARANZIA E' SOTTOPOSTA ALLE SEGUENTI CONDIZIONI:

- La garanzia decorre dalla data di consegna da parte della Cordivari Srl e decade se viene manomessa e/o rimossa l'indicazione del lotto di produzione. I prodotti diventati inutilizzabili per accertati difetti di costruzione saranno riparati o sostituiti gratuitamente franco Vostra destinazione.
- La condizione essenziale affinché la garanzia sia valida è che i difetti riscontrati siano notificati entro 8 (otto) giorni dal ricevimento della merce, per iscritto tramite raccomandata o posta certificata.
- La garanzia sarà operante previo esame dei difetti e delle loro cause presso la sede della Cordivari Srl.
- Il materiale da sostituire o riparare dovrà essere consegnato franco magazzino presso la Cordivari Srl.
- Il materiale sia stato immagazzinato in buone condizioni e al riparo dalle intemperie prima di essere installato;
- Il radiatore non abbia subito danneggiamenti durante il trasporto, le movimentazioni o l'installazione;
- Non siano state effettuate manomissioni o riparazioni dei prodotti senza l'autorizzazione della Cordivari Srl;
- Il Committente abbia effettuato il saldo dei pagamenti nei termini prestabiliti;
- L'installazione sia stata realizzata da personale qualificato e in conformità alle istruzioni e alle norme indicate sulla documentazione tecnica fornita dalla Cordivari Srl e alle norme e prescrizioni impiantistiche generali e locali;
- Per la pulizia del radiatore non siano stati utilizzati detergenti aggressivi, abrasivi

incompatibili con il materiale del corpo scaldante;

- Non siano stati effettuati svuotamenti o caricamenti periodici dell'impianto, i prodotti non siano stati collegati ad impianti a circuito aperto o impianti idrico sanitari o che comprendono componenti con impermeabilità inadeguata all'ossigeno.
- Non siano state effettuate aggiunte di sostanze chimiche aggressive all'acqua dell'impianto, valori guida secondo la normativa UNI 8065;
- La pressione e la temperatura di esercizio indicate sul catalogo corrispondano alla pressione e alla temperatura di utilizzazione corrente;
- Il circuito sia esente da residui di metallo, calamina, grasso e non ci sia presenza di gas
- Prima della messa in funzione dell'impianto, eseguire un lavaggio per eliminare residui di lavorazione meccanica e/o residui in fase d'installazione.
- I tappi e gli accessori utilizzati siano quelli regolarmente forniti dalla Cordivari Srl.
- Nel caso in cui si utilizzi l'antigelo, esso non dovrà mai essere utilizzato puro, ma diluito prima di essere introdotto nel circuito.
- Nel caso in cui si utilizzi un inibitore di corrosione, esso dovrà essere compatibile con tutti i materiali presenti nei corpi scaldanti. In caso di prodotto con tappi premontati dalla Cordivari Srl, qualsiasi manomissione degli stessi, porterà fuori garanzia il prodotto. La Cordivari Srl non si assumerà comunque responsabilità su batterie assemblate da terzi, e/o con tappi e riduzioni assemblati da terzi.
- Qualora il Committente esegua modifiche o variazioni di sua iniziativa sui materiali in contestazione senza il nostro preventivo benestare, decade immediatamente ogni responsabilità della Cordivari Srl.
- La garanzia inoltre non opera in caso di anomalie o guasti dipendenti dalla rete di alimentazione elettrica.
- La garanzia non copre costi dovuti a demolizioni, lavori per il passaggio dei prodotti sia in ingresso che in uscita e la manodopera per eventuali sostituzioni di prodotto. Cordivari Srl si impegna durante il periodo di garanzia alla sostituzione del prodotto reso riconosciuto difettoso per accertati difetti di produzione, oltre a ciò il Committente non potrà vantare alcun altro risarcimento per spese di danno, diretti o indiretti di qualsiasi natura a persone e/o a cose derivanti da detti difetti.

6. PAGAMENTI

I pagamenti delle fatture relative alle forniture dovranno essere effettuati entro i termini di scadenza stabiliti. Il ritardo nel pagamento delle fatture, anche se parziale, dà luogo alla decorrenza degli interessi di mora nella misura del tasso corrente, oltre alla sospensione immediata delle spedizioni in corso e del processamento di eventuali ordini.

7. RISERVA DI PROPRIETÀ

I prodotti restano di proprietà della Cordivari Srl fino al pagamento dell'ultima rata di prezzo di merce consegnata.

In caso di inadempimento anche parziale del compratore la Cordivari Srl potrà chiedere l'immediata restituzione della merce trattenendo comunque le rate pagate a titolo di indennità salvo il maggior danno.

8. PREZZI

I prezzi non sono impegnativi e possono essere modificati senza preavviso. I prezzi sono sempre riportati nel listino al netto di IVA.

I prezzi sono revisionabili in funzione delle variazioni che dovessero intervenire fino al momento della consegna. I prezzi si intendono resa franco stabilimento di Morro D'Oro (TE), salvo diversi accordi. Per modelli ingombranti la Cordivari Srl si riserva di chiedere una partecipazione alle spese di imballaggio e/o trasporto.

9. ORDINI/CONSEGNA

Il valore minimo per ordine è di Euro 2.000,00.

Gli ordini impartiti impegnano definitivamente il Committente che deve dichiarare di conoscere e accettare tutte le condizioni di vendita. Nel caso in cui il Committente rediga l'ordine per nome e per conto di altri, con la firma dell'ordine si impegna in solido all'adempimento di quanto da egli convenuto. La consegna si intende esclusivamente presso la sede/magazzino del Committente. Richieste particolari del Committente come: consegne espresso, consegna diversa dalla sede/magazzino, etc. avranno costi addizionali che verranno comunicati di volta in volta dal nostro ufficio commerciale.

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10. FORO COMPETENTE

Per qualsiasi controversia derivante dal presente contratto o collegata allo stesso è competente il Foro di Teramo.

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