



# ROSY VERTICAL



Radiators, convectors and ceiling-mounted radiant panels, hot water heating, fan assisted and mixed

EUROPEAN WARRANTY

## MATERIAL:

- Horizontal collectors in painted mild steel  $\varnothing$  38 mm.
- Vertical heating elements in painted mild steel 50 x 10 mm.

## FIXING KIT:

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick walls, user notice.

## PACKAGING:

Carton 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)

## COLOURS:

Radiator and accessories: standard white colour RAL

9010-R01.

For other colours see Colour chart chapter.

## ACCESSORIES

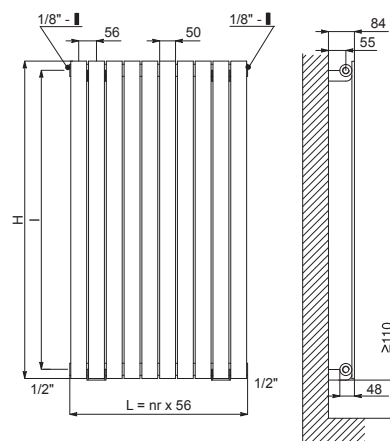
See Accessories chapter

P. Max: 5 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - n° 1 da 1/8" gas for airvent
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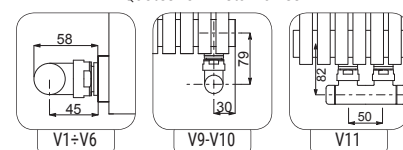
Height H [mm]	400	500	600	700	800	1000	1200	1400	1500
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	28,0	34,6	41,1	47,5	53,8	66,3	78,6	90,6	98,2
Dry Weight per section [kg]	0,689	0,823	0,774	1,091	0,991	1,208	1,425	1,643	2,167
Element Water content [lt]	0,239	0,272	0,329	0,338	0,401	0,473	0,546	0,618	0,601
Element surface [m <sup>2</sup> ]	0,257	0,293	0,085	0,365	0,109	0,133	0,157	0,181	0,691
Exp. n	1,2935	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  $\Delta t$  than  $50^\circ \text{C}$ , please refer to the following formula:  
desired output = output at  $\Delta t 50^\circ \text{C}$  x (desired  $\Delta t/50$ )<sup>n</sup>

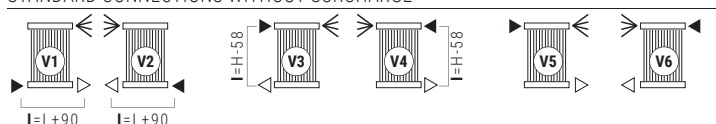
Height H [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Therm. output per el. $\Delta t = 50^\circ \text{C}$ [Watt]	102	108	114	120	126	131	137	142	153
Dry Weight per section [kg]	1,86	2,435	2,077	2,186	2,294	2,973	2,512	2,62	2,837
Element Water content [lt]	0,69	0,667	0,763	0,799	0,835	0,799	0,907	0,944	1,016
Element surface [m <sup>2</sup> ]	0,205	0,726	0,229	0,241	0,253	0,871	0,277	0,289	0,313
Exp. n	1,2854	1,2847	1,284	1,284	1,2826	1,2820	1,282	1,2806	1,2792
Pipe Centres I [mm] (V3-V4 only)	1542	1642	1742	1842	1942	2042	2142	2242	2442



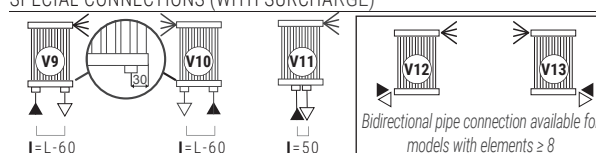
Quotes for Kristal valves



## STANDARD CONNECTIONS WITHOUT SURCHARGE



## SPECIAL CONNECTIONS (WITH SURCHARGE)



Legenda=



Always specify the kind of connection needed when ordering.

## HOW TO ORDER THE RADIATOR ROSY VERTICAL

ARTICLE NR. STRUCTURE	Radiator model	Elements nr.	Height in cm	Article code of the connection	Article code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE	A	
EXAMPLE	Radiator model E.g.: Rosy vertical	Numero elements E.g.: 12 elements	Height in cm Example: 1500 mm	Article code of the connection Example: connection V1	Article code of the colour Example: R01 - White	Constant value
	R050	12	150	V01	R01	A

## EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**R050**..... ROSY VERTICAL.

**12**..... 12 elements (see the table shown on the side)

**150**..... Height 1500 mm (see the table shown on the side)

**V01**..... connection V1

**R01**..... colour R01-White

**A**..... (Constant value)

The article code will be:

**R050 12 150 V01 R01 A**

## ACCESSORIES

If ordered separately from the radiator, the accessories are available in standard white only.

<p><b>Kristal valve square</b> With thermostatic option White R01 - ral 9010</p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311161</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311160</p>	<p><b>Kit 2 Hooks</b> WHITE RAL 9010 - R01</p> <p>Art. nr. 5991990310389</p>	<p><b>White thermostatic head</b></p> <p>(Kit 2 pieces) Art. nr. 5035270710016</p>
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# ROSY VERTICAL

All intermediate sizes are available for widths from 4 to 32 elements and heights from 400 to 2500 mm

Height H [mm]		400	500	600	700	800	1000	1200	1400	1500
WIDTH L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
224	4	112	134	164	187	215	265	314	362	393
280	5	140	168	206	234	269	332	393	453	491
336	6	168	202	247	281	323	398	472	544	589
392	7	196	235	288	328	377	464	550	634	687
448	8	224	269	329	374	430	530	629	725	785
504	9	252	302	370	421	484	597	707	815	884
560	10	280	336	411	468	538	663	786	906	982
616	11	308	370	452	515	592	729	865	997	1080
672	12	336	403	493	562	646	796	943	1087	1178
728	13	364	437	534	608	699	862	1022	1178	1276
784	14	392	470	575	655	753	928	1100	1268	1374
840	15	420	504	617	702	807	995	1179	1359	1473
896	16	448	538	658	749	861	1061	1258	1450	1571
952	17	476	571	699	796	915	1127	1336	1540	1669
1008	18	504	605	740	842	968	1193	1415	1631	1767
1064	19	532	638	781	889	1022	1260	1493	1721	1865
1120	20	560	672	822	936	1076	1326	1572	1812	1964
1176	21	588	706	863	983	1130	1392	1651	1903	2062
1232	22	616	739	904	1030	1184	1459	1729	1993	2160
1288	23	644	773	945	1076	1237	1525	1808	2084	2258
1344	24	672	807	986	1123	1291	1591	1886	2174	2356
1400	25	700	840	1028	1170	1345	1658	1965	2265	2454
1456	26	728	874	1069	1217	1399	1724	2044	2356	2553
1512	27	756	907	1110	1264	1453	1790	2122	2446	2651
1568	28	784	941	1151	1310	1506	1856	2201	2537	2749
1624	29	812	975	1192	1357	1560	1923	2279	2627	2847
1680	30	840	1008	1233	1404	1614	1989	2358	2718	2945
1736	31	868	1042	1274	1451	1668	2055	2437	2809	3043
1792	32	896	1075	1315	1498	1722	2122	2515	2899	3142

Height H [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500
WIDTH L [mm]	N° El.	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=50^{\circ}\text{C}$
224	4	408	443	456	480	504	541	544	568	612
280	5	510	553	570	600	630	676	680	710	765
336	6	612	664	684	720	756	812	816	852	918
392	7	714	775	798	840	882	947	952	994	1071
448	8	816	885	912	960	1008	1082	1088	1136	1224
504	9	918	996	1026	1080	1134	1217	1224	1278	1377
560	10	1020	1107	1140	1200	1260	1353	1360	1420	1530
616	11	1122	1217	1254	1320	1386	1488	1496	1562	1683
672	12	1224	1328	1368	1440	1512	1623	1632	1704	1836
728	13	1326	1439	1482	1560	1638	1759	1768	1846	1989
784	14	1428	1549	1596	1680	1764	1894	1904	1988	2142
840	15	1530	1660	1710	1800	1890	2029	2040	2130	2295
896	16	1632	1771	1824	1920	2016	2164	2176	2272	2448
952	17	1734	1882	1938	2040	2142	2300	2312	2414	2601
1008	18	1836	1992	2052	2160	2268	2435	2448	2556	2754
1064	19	1938	2103	2166	2280	2394	2570	2584	2698	2907
1120	20	2040	2214	2280	2400	2520	2706	2720	2840	3060
1176	21	2142	2324	2394	2520	2646	2841	2856	2982	3213
1232	22	2244	2435	2508	2640	2772	2976	2992	3124	3366
1288	23	2346	2546	2622	2760	2898	3111	3128	3266	3519
1344	24	2448	2656	2736	2880	3024	3247	3264	3408	3672
1400	25	2550	2767	2850	3000	3150	3382	3400	3550	3825
1456	26	2652	2878	2964	3120	3276	3517	3536	3692	3978
1512	27	2754	2988	3078	3240	3402	3652	3672	3834	4131
1568	28	2856	3099	3192	3360	3528	3788	3808	3976	4284
1624	29	2958	3210	3306	3480	3654	3923	3944	4118	4437
1680	30	3060	3320	3420	3600	3780	4058	4080	4260	4590
1736	31	3162	3431	3534	3720	3906	4194	4216	4402	4743
1792	32	3264	3542	3648	3840	4032	4329	4352	4544	4896