

ROSY

TANDEM VERTICAL

WARRANTY 5 YEARS



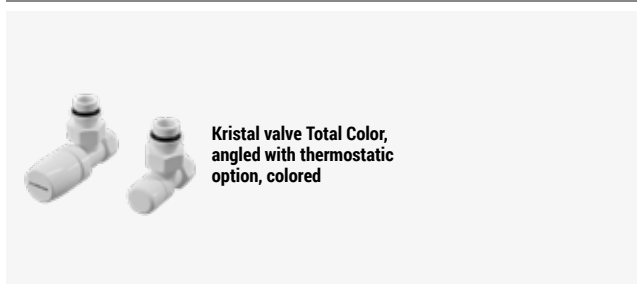
Color: RAL 8017 - R09 Dark brown

Height H [mm]	500	558	600	658	700	800	858	958	1000
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	54,8	60,3	64,2	69,5	73,3	82,3	87,4	96,1	99,7
Therm. output per el. $\Delta t = 30\text{ °C}$ [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 $\Delta T 50\text{ x}$ (Desired $\Delta T/50$)ⁿ**

Height H [mm]	1200	1400	1600	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	117	133	149	165	173	180	195	203	218
Therm. output per el. $\Delta t = 30\text{ °C}$ [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 and details of the ACCESSORIES

CORDIVARI

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:

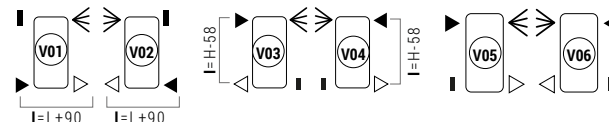
See color chart.

CERTIFICATES

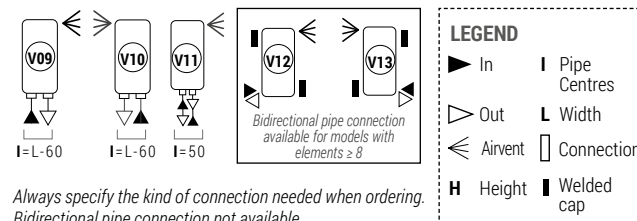


HOT WATER HEATING RADIATORS,
CONVECTORS AND RADIANT MOUNTED
CEILING PANELS - NF SET

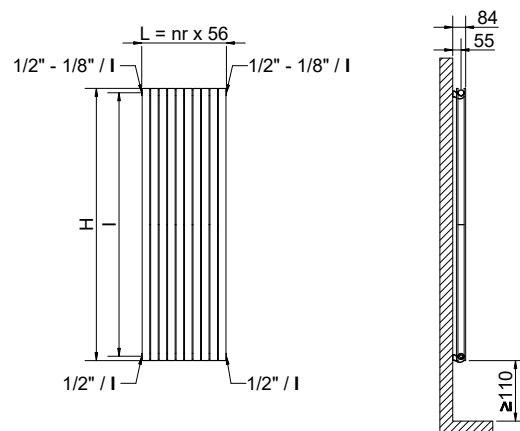
STANDARD CONNECTIONS



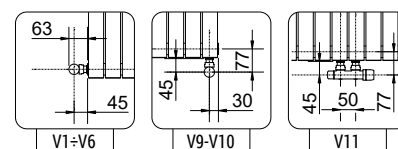
SPECIAL CONNECTIONS



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	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C
224	4	219	241	257	278	293	329	350	384
280	5	274	301	321	348	367	412	437	499
336	6	329	362	385	417	440	494	524	598
392	7	384	422	449	487	513	576	612	698
448	8	438	482	514	556	586	658	699	798
504	9	493	543	578	626	660	741	787	897
560	10	548	603	642	695	733	823	874	997
616	11	603	663	706	765	806	905	961	1097
672	12	658	724	770	834	880	988	1049	1196
728	13	712	784	835	904	953	1070	1136	1296
784	14	767	844	899	973	1026	1152	1224	1396
840	15	822	904	963	1043	1100	1235	1311	1496
896	16	877	965	1027	1112	1173	1317	1398	1595
952	17	932	1025	1091	1182	1246	1399	1486	1695
1008	18	986	1085	1156	1251	1319	1481	1573	1795

All intermediate sizes are available for widths from 4 to 18 elements and heights from 500 to 2500 mm.



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	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C	Watt Δt 50°C
224	4	468	532	596	660	692	720	780	872
280	5	585	665	745	825	865	900	975	1090
336	6	702	798	894	990	1038	1080	1170	1308
392	7	819	931	1043	1155	1211	1260	1365	1526
448	8	936	1064	1192	1320	1384	1440	1560	1744
504	9	1053	1197	1341	1485	1557	1620	1755	1962
560	10	1170	1330	1490	1650	1730	1800	1950	2180
616	11	1287	1463	1639	1815	1903	1980	2145	2398
672	12	1404	1596	1788	1980	2076	2160	2340	2616
728	13	1521	1729	1937	2145	2249	2340	2535	2834
784	14	1638	1862	2086	2310	2422	2520	2730	3052
840	15	1755	1995	2235	2475	2595	2700	2925	3270
896	16	1872	2128	2384	2640	2768	2880	3120	3488
952	17	1989	2261	2533	2805	2941	3060	3315	3706
1008	18	2106	2394	2682	2970	3114	3240	3510	3924

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT

ROSY

TANDEM VERTICAL

El.	Width	Dry Weight	Thermal output			Art. nr.
			Δt	Δt	Δt	
			50°C	40°C	30°C	
n°	L [mm]	[Kg]	[Watt]			
H 500 mm						
6	336	7,2	329	244	166	RT50 06 050 V __ A
7	392	8,5	384	284	193	RT50 07 050 V __ A
8	448	9,7	438	325	221	RT50 08 050 V __ A
9	504	10,9	493	366	248	RT50 09 050 V __ A
10	560	12,1	548	406	276	RT50 10 050 V __ A
11	616	13,3	603	447	304	RT50 11 050 V __ A
12	672	14,5	658	487	331	RT50 12 050 V __ A
13	728	15,7	712	528	359	RT50 13 050 V __ A
14	784	16,9	767	569	386	RT50 14 050 V __ A
15	840	18,1	822	609	414	RT50 15 050 V __ A
16	896	19,3	877	650	442	RT50 16 050 V __ A
17	952	20,5	932	690	469	RT50 17 050 V __ A
18	1008	21,7	986	731	497	RT50 18 050 V __ A

H 700 mm						
6	336	9,9	440	326	222	RT50 06 070 V __ A
7	392	11,5	513	380	259	RT50 07 070 V __ A
8	448	13,1	586	435	295	RT50 08 070 V __ A
9	504	14,8	660	489	332	RT50 09 070 V __ A
10	560	16,4	733	543	369	RT50 10 070 V __ A
11	616	18,1	806	598	406	RT50 11 070 V __ A
12	672	19,7	880	652	443	RT50 12 070 V __ A
13	728	21,3	953	706	480	RT50 13 070 V __ A
14	784	23,0	1026	761	517	RT50 14 070 V __ A
15	840	24,6	1100	815	554	RT50 15 070 V __ A
16	896	26,3	1173	869	591	RT50 16 070 V __ A
17	952	27,9	1246	924	628	RT50 17 070 V __ A
18	1008	29,6	1319	978	665	RT50 18 070 V __ A

H 1000 mm						
4	224	9,2	399	296	201	RT50 04 100 V __ A
5	280	11,5	499	370	251	RT50 05 100 V __ A
6	336	13,8	598	443	302	RT50 06 100 V __ A
7	392	16,1	698	517	352	RT50 07 100 V __ A
8	448	18,4	798	591	402	RT50 08 100 V __ A
9	504	20,6	897	665	452	RT50 09 100 V __ A
10	560	22,9	997	739	503	RT50 10 100 V __ A
11	616	25,2	1097	813	553	RT50 11 100 V __ A
12	672	27,5	1196	887	603	RT50 12 100 V __ A
13	728	29,8	1296	961	653	RT50 13 100 V __ A
14	784	32,1	1396	1035	704	RT50 14 100 V __ A
15	840	34,4	1496	1109	754	RT50 15 100 V __ A
16	896	36,7	1595	1183	804	RT50 16 100 V __ A
18	1008	41,3	1795	1330	905	RT50 18 100 V __ A

El.	Width	Dry Weight	Thermal output			Art. nr.
			Δt	Δt	Δt	
			50°C	40°C	30°C	
n°	L [mm]	[Kg]	[Watt]			
H 600 mm						
6	336	8,6	385	285	194	RT50 06 060 V __ A
7	392	10,0	449	333	226	RT50 07 060 V __ A
8	448	11,4	514	381	259	RT50 08 060 V __ A
9	504	12,8	578	428	291	RT50 09 060 V __ A
10	560	14,3	642	476	323	RT50 10 060 V __ A
11	616	15,7	706	523	356	RT50 11 060 V __ A
12	672	17,1	770	571	388	RT50 12 060 V __ A
13	728	18,5	835	619	420	RT50 13 060 V __ A
14	784	20,0	899	666	453	RT50 14 060 V __ A
15	840	21,4	963	714	485	RT50 15 060 V __ A
16	896	22,8	1027	761	517	RT50 16 060 V __ A
17	952	24,2	1091	809	550	RT50 17 060 V __ A
18	1008	25,7	1156	856	582	RT50 18 060 V __ A

H 800 mm						
6	336	11,2	494	366	249	RT50 06 080 V __ A
7	392	13,0	576	427	290	RT50 07 080 V __ A
8	448	14,9	658	488	332	RT50 08 080 V __ A
9	504	16,7	741	549	373	RT50 09 080 V __ A
10	560	18,6	823	610	415	RT50 10 080 V __ A
11	616	20,5	905	671	456	RT50 11 080 V __ A
12	672	22,3	988	732	498	RT50 12 080 V __ A
13	728	24,2	1070	793	539	RT50 13 080 V __ A
14	784	26,0	1152	854	581	RT50 14 080 V __ A
15	840	27,9	1235	915	622	RT50 15 080 V __ A
16	896	29,8	1317	976	664	RT50 16 080 V __ A
17	952	31,6	1399	1037	705	RT50 17 080 V __ A
18	1008	33,5	1481	1098	746	RT50 18 080 V __ A

H 1200 mm						
4	224	10,9	468	347	236	RT50 04 120 V __ A
5	280	13,6	585	434	295	RT50 05 120 V __ A
6	336	16,4	702	521	354	RT50 06 120 V __ A
7	392	19,1	819	607	413	RT50 07 120 V __ A
8	448	21,8	936	694	472	RT50 08 120 V __ A
9	504	24,6	1053	781	531	RT50 09 120 V __ A
10	560	27,3	1170	868	590	RT50 10 120 V __ A
11	616	30,0	1287	954	649	RT50 11 120 V __ A
12	672	32,7	1404	1041	708	RT50 12 120 V __ A
13	728	35,5	1521	1128	767	RT50 13 120 V __ A
14	784	38,2	1638	1215	826	RT50 14 120 V __ A
15	840	40,9	1755	1301	885	RT50 15 120 V __ A
16	896	43,6	1872	1388	944	RT50 16 120 V __ A
18	1008	49,1	2106	1562	1062	RT50 18 120 V __ A

ROSY

TANDEM VERTICAL

Thermal output							Art. nr.
El.	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C		
		[Kg]	[Watt]				
H 1400 mm							
4	224	12,7	532	395	268	RT50 04 140 V ___ A	
5	280	15,8	665	493	335	RT50 05 140 V ___ A	
6	336	19,0	798	592	402	RT50 06 140 V ___ A	
7	392	22,1	931	690	470	RT50 07 140 V ___ A	
8	448	25,3	1064	789	537	RT50 08 140 V ___ A	
9	504	28,5	1197	888	604	RT50 09 140 V ___ A	
10	560	31,6	1330	986	671	RT50 10 140 V ___ A	
11	616	34,8	1463	1085	738	RT50 11 140 V ___ A	
12	672	38,0	1596	1184	805	RT50 12 140 V ___ A	
13	728	41,1	1729	1282	872	RT50 13 140 V ___ A	
14	784	44,3	1862	1381	939	RT50 14 140 V ___ A	
15	840	47,4	1995	1479	1006	RT50 15 140 V ___ A	
16	896	50,6	2128	1578	1073	RT50 16 140 V ___ A	
18	1008	56,9	2394	1775	1207	RT50 18 140 V ___ A	

H 1800 mm							
4	224	16,1	660	490	333	RT50 04 180 V ___ A	
5	280	20,2	825	612	416	RT50 05 180 V ___ A	
6	336	24,2	990	734	500	RT50 06 180 V ___ A	
7	392	28,2	1155	857	583	RT50 07 180 V ___ A	
8	448	32,3	1320	979	666	RT50 08 180 V ___ A	
9	504	36,3	1485	1102	749	RT50 09 180 V ___ A	
10	560	40,3	1650	1224	833	RT50 10 180 V ___ A	
11	616	44,4	1815	1346	916	RT50 11 180 V ___ A	
12	672	48,4	1980	1469	999	RT50 12 180 V ___ A	
13	728	52,4	2145	1591	1083	RT50 13 180 V ___ A	
14	784	56,4	2310	1713	1166	RT50 14 180 V ___ A	
15	840	60,5	2475	1836	1249	RT50 15 180 V ___ A	
16	896	64,5	2640	1958	1332	RT50 16 180 V ___ A	
18	1008	72,6	2970	2203	1499	RT50 18 180 V ___ A	

H 2200 mm							
4	224	19,6	780	579	394	RT50 04 220 V ___ A	
5	280	24,5	975	723	492	RT50 05 220 V ___ A	
6	336	29,4	1170	868	591	RT50 06 220 V ___ A	
7	392	34,3	1365	1013	689	RT50 07 220 V ___ A	
8	448	39,2	1560	1157	788	RT50 08 220 V ___ A	
9	504	44,1	1755	1302	886	RT50 09 220 V ___ A	
10	560	49,0	1950	1447	985	RT50 10 220 V ___ A	
11	616	53,9	2145	1592	1083	RT50 11 220 V ___ A	
12	672	58,8	2340	1736	1182	RT50 12 220 V ___ A	
13	728	63,7	2535	1881	1280	RT50 13 220 V ___ A	
14	784	68,6	2730	2026	1379	RT50 14 220 V ___ A	
15	840	73,5	2925	2170	1477	RT50 15 220 V ___ A	
16	896	78,4	3120	2315	1576	RT50 16 220 V ___ A	
18	1008	88,2	3510	2604	1772	RT50 18 220 V ___ A	

Thermal output							Art. nr.
El.	Width	Dry Weight	Δt	Δt	Δt		
			50°C	40°C	30°C		
n°	L [mm]	[Kg]	[Watt]				
H 1600 mm							
4	224	14,4	596	442	301	RT50 04 160 V __ _ A	
5	280	18,0	745	553	376	RT50 05 160 V __ _ A	
6	336	21,6	894	663	451	RT50 06 160 V __ _ A	
7	392	25,2	1043	774	526	RT50 07 160 V __ _ A	
8	448	28,8	1192	884	601	RT50 08 160 V __ _ A	
9	504	32,4	1341	995	677	RT50 09 160 V __ _ A	
10	560	36,0	1490	1105	752	RT50 10 160 V __ _ A	
11	616	39,6	1639	1216	827	RT50 11 160 V __ _ A	
12	672	43,2	1788	1326	902	RT50 12 160 V __ _ A	
13	728	46,8	1937	1437	977	RT50 13 160 V __ _ A	
14	784	50,4	2086	1547	1052	RT50 14 160 V __ _ A	
15	840	54,0	2235	1658	1128	RT50 15 160 V __ _ A	
16	896	57,6	2384	1768	1203	RT50 16 160 V __ _ A	
18	1008	64,7	2682	1989	1353	RT50 18 160 V __ _ A	

H 2000 mm							
4	224	17,9	720	534	363	RT50 04 200 V ___ A	
5	280	22,3	900	668	454	RT50 05 200 V ___ A	
6	336	26,8	1080	801	545	RT50 06 200 V ___ A	
7	392	31,3	1260	935	636	RT50 07 200 V ___ A	
8	448	35,7	1440	1068	727	RT50 08 200 V ___ A	
9	504	40,2	1620	1202	818	RT50 09 200 V ___ A	
10	560	44,7	1800	1335	909	RT50 10 200 V ___ A	
11	616	49,1	1980	1469	1000	RT50 11 200 V ___ A	
12	672	53,6	2160	1602	1090	RT50 12 200 V ___ A	
13	728	58,1	2340	1736	1181	RT50 13 200 V ___ A	
14	784	62,5	2520	1869	1272	RT50 14 200 V ___ A	
15	840	67,0	2700	2003	1363	RT50 15 200 V ___ A	
16	896	71,5	2880	2137	1454	RT50 16 200 V ___ A	
18	1008	80,4	3240	2404	1636	RT50 18 200 V ___ A	

H 2500 mm							
4	224	11,4	872	647	441	RT50 04 250 V ___ A	
5	280	14,2	1090	647	551	RT50 05 250 V ___ A	
6	336	17,0	1308	647	661	RT50 06 250 V ___ A	
7	392	19,9	1526	647	771	RT50 07 250 V ___ A	
8	448	22,7	1744	647	881	RT50 08 250 V ___ A	
9	504	25,6	1962	647	991	RT50 09 250 V ___ A	
10	560	28,4	2180	647	1101	RT50 10 250 V ___ A	
11	616	31,3	2398	647	1212	RT50 11 250 V ___ A	
12	672	34,1	2616	647	1322	RT50 12 250 V ___ A	
13	728	36,9	2834	647	1432	RT50 13 250 V ___ A	
14	784	39,8	3052	647	1542	RT50 14 250 V ___ A	
15	840	42,6	3270	647	1652	RT50 15 250 V ___ A	
16	896	45,5	3488	647	1762	RT50 16 250 V ___ A	
18	1008	51,1	3924	647	1982	RT50 18 250 V ___ A	

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
150..... Height 1500 mm
V01..... Connection V01 (see product page)
R01..... Color R01 - White (see color chart)
A..... Constant value

The article code will be:

RT50 12 150 V01 R01 A