

ARIANNA

TANDEM

WARRANTY 5 YEARS



archiproducts
DESIGN AWARDS
WINNER 2017

GERMAN
DESIGN AWARD
SPECIAL
2019

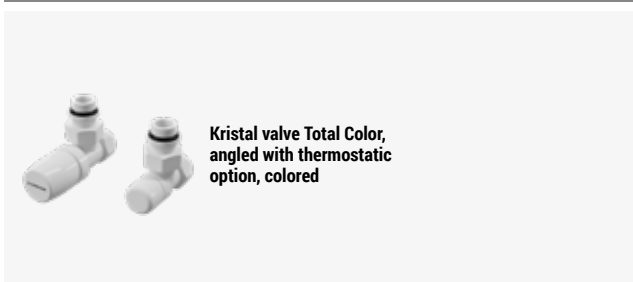
Color: F07 Silver effect

Height H [mm]	330	380	430	474	530	574	630	724	780
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	44,5	50,1	55,5	60,2	66,1	70,7	76,4	86	91,7
Therm. output per el. $\Delta t = 30\text{ °C}$ [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. $\Delta t = 50\text{ °C}$ [Watt]	96,7	101,1	106,7	116,6	190	195,5	209,9	215,5
Therm. output per el. $\Delta t = 30\text{ °C}$ [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 and details of the ACCESSORIES

CORDIVARI

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).

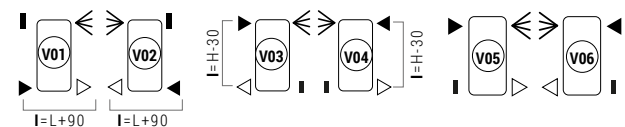
COLORS:

See color chart.

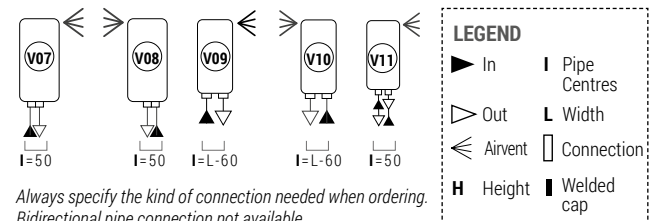
CERTIFICATES



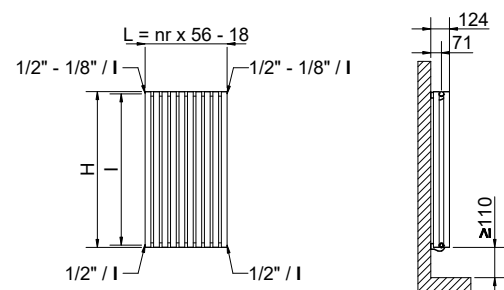
STANDARD CONNECTIONS



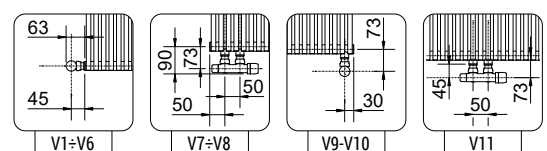
SPECIAL CONNECTIONS



Always specify the kind of connection needed when ordering.
Bidirectional pipe connection not available.



Quotes for Kristal valves



FEATURES

P. max: 8 bar

Functioning: hot water

T. max: 110°C

Connections: n° 2 x 1/2" G - 1 x 1/8" G

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

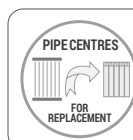
AT38 ARIANNA TANDEM
16 16 Elements (see table below)
183 Height 1830 mm (see table below)
V02 Connection V02 (see next page)
T01 Color T01 - Matt black (see color chart)
A Constant value

The article code will be:

AT38 16 183 V02 T01 A

Height H [mm]	330	380	430	474	530	574	630	724	780
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
318	6	267	301	333	361	397	424	458	516
374	7	312	351	389	421	463	495	535	602
430	8	356	401	444	482	529	566	611	688
486	9	401	451	500	542	595	636	688	774
542	10	445	501	555	602	661	707	764	860
598	11	490	551	611	662	727	778	840	946
654	12	534	601	666	722	793	848	917	1032
710	13	579	651	722	783	859	919	993	1118
766	14	623	701	777	843	925	990	1070	1204
822	15	668	752	833	903	992	1061	1146	1290
878	16	712	802	888	963	1058	1131	1222	1376
934	17	757	852	944	1023	1124	1202	1299	1462
990	18	801	902	999	1084	1190	1273	1375	1548
1046	19	846	952	1055	1144	1256	1343	1452	1634
1102	20	890	1002	1110	1204	1322	1414	1528	1720
1158	21	935	1052	1166	1264	1388	1485	1604	1806
1214	22	979	1102	1221	1324	1454	1555	1681	1892
1270	23	1024	1152	1277	1385	1520	1626	1757	1978
1326	24	1068	1202	1332	1445	1586	1697	1834	2064
1382	25	1113	1253	1388	1505	1653	1768	1910	2150
1438	26	1157	1303	1443	1565	1719	1838	1986	2236
1494	27	1202	1353	1499	1625	1785	1909	2063	2322
1550	28	1246	1403	1554	1686	1851	1980	2139	2408
1606	29	1291	1453	1610	1746	1917	2050	2216	2494
1662	30	1335	1503	1665	1806	1983	2121	2292	2580

All intermediate sizes are available for widths from 6 to 30 elements and heights from 330 to 2030 mm.



Replacement heights are marked in grey color.

Height H [mm]	830	874	930	1030	1774	1830	1974	2030
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
318	6	580	607	640	700	1140	1173	1259
374	7	677	708	747	816	1330	1369	1469
430	8	774	809	854	933	1520	1564	1679
486	9	870	910	960	1049	1710	1760	1889
542	10	967	1011	1067	1166	1900	1955	2099
598	11	1064	1112	1174	1283	2090	2151	2309
654	12	1160	1213	1280	1399	2280	2346	2519
710	13	1257	1314	1387	1516	2470	2542	2729
766	14	1354	1415	1494	1632	2660	2737	2939
822	15	1451	1517	1601	1749	2850	2933	3149
878	16	1547	1618	1707	1866			3233
934	17	1644	1719	1814	1982			
990	18	1741	1820	1921	2099			
1046	19	1837	1921	2027	2215			
1102	20	1934	2022	2134	2332			
1158	21	2031	2123	2241	2449			
1214	22	2127	2224	2347	2565			
1270	23	2224	2325	2454	2682			
1326	24	2321	2426	2561	2798			
1382	25	2418	2528	2668	2915			
1438	26	2514	2629	2774	3032			
1494	27	2611	2730	2881	3148			
1550	28	2708	2831	2988	3265			
1606	29	2804	2932	3094	3381			
1662	30	2901	3033	3201	3498			

Accessories for ARIANNA TANDEM radiator



ARIANNA

TANDEM

			Thermal output			Art. nr.
Elements	Width	Dry Weight	Δt 50°C	Δt 40°C	Δt 30°C	
n°	L [mm]	[Kg]	[Watt]			
H 530 mm						
9	486	11,5	595	449	312	AT38 09 053 V __ _ A
10	542	12,7	661	499	347	AT38 10 053 V __ _ A
11	598	14,0	727	548	381	AT38 11 053 V __ _ A
12	654	15,3	793	598	416	AT38 12 053 V __ _ A
13	710	16,6	859	648	451	AT38 13 053 V __ _ A
14	766	17,8	925	698	485	AT38 14 053 V __ _ A
15	822	19,1	992	748	520	AT38 15 053 V __ _ A
16	878	20,4	1058	798	555	AT38 16 053 V __ _ A
17	934	21,7	1124	848	589	AT38 17 053 V __ _ A
18	990	22,9	1190	897	624	AT38 18 053 V __ _ A
19	1046	24,2	1256	947	659	AT38 19 053 V __ _ A
20	1102	25,5	1322	997	693	AT38 20 053 V __ _ A
21	1158	26,8	1388	1047	728	AT38 21 053 V __ _ A
22	1214	28,0	1454	1097	763	AT38 22 053 V __ _ A
23	1270	29,3	1520	1147	797	AT38 23 053 V __ _ A
24	1326	30,6	1586	1197	832	AT38 24 053 V __ _ A
25	1382	31,9	1653	1246	867	AT38 25 053 V __ _ A

H 630 mm						
9	486	13,4	688	518	360	AT38 09 063 V __ _ A
10	542	14,9	764	576	400	AT38 10 063 V __ _ A
11	598	16,4	840	633	440	AT38 11 063 V __ _ A
12	654	17,9	917	691	480	AT38 12 063 V __ _ A
13	710	19,4	993	748	520	AT38 13 063 V __ _ A
14	766	20,9	1070	806	559	AT38 14 063 V __ _ A
15	822	22,4	1146	863	599	AT38 15 063 V __ _ A
16	878	23,9	1222	921	639	AT38 16 063 V __ _ A
17	934	25,4	1299	979	679	AT38 17 063 V __ _ A
18	990	26,9	1375	1036	719	AT38 18 063 V __ _ A
19	1046	28,3	1452	1094	759	AT38 19 063 V __ _ A
20	1102	29,8	1528	1151	799	AT38 20 063 V __ _ A
21	1158	31,3	1604	1209	839	AT38 21 063 V __ _ A
22	1214	32,8	1681	1266	879	AT38 22 063 V __ _ A
23	1270	34,3	1757	1324	919	AT38 23 063 V __ _ A
24	1326	35,8	1834	1382	959	AT38 24 063 V __ _ A
25	1382	37,3	1910	1439	999	AT38 25 063 V __ _ A

H 830 mm						
9	486	17,4	870	654	453	AT38 09 083 V __ _ A
10	542	19,3	967	727	503	AT38 10 083 V __ _ A
11	598	21,2	1064	800	554	AT38 11 083 V __ _ A
12	654	23,1	1160	872	604	AT38 12 083 V __ _ A
13	710	25,1	1257	945	654	AT38 13 083 V __ _ A
14	766	27,0	1354	1018	705	AT38 14 083 V __ _ A
15	822	28,9	1451	1091	755	AT38 15 083 V __ _ A
16	878	30,8	1547	1163	805	AT38 16 083 V __ _ A
17	934	32,8	1644	1236	856	AT38 17 083 V __ _ A
18	990	34,7	1741	1309	906	AT38 18 083 V __ _ A
19	1046	36,6	1837	1381	956	AT38 19 083 V __ _ A
20	1102	38,6	1934	1454	1007	AT38 20 083 V __ _ A
21	1158	40,5	2031	1527	1057	AT38 21 083 V __ _ A
22	1214	42,4	2127	1599	1107	AT38 22 083 V __ _ A
23	1270	44,3	2224	1672	1158	AT38 23 083 V __ _ A
24	1326	46,3	2321	1745	1208	AT38 24 083 V __ _ A
25	1382	48,2	2418	1818	1258	AT38 25 083 V __ _ A

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.
			Δt 50°C	Δt 40°C	Δt 30°C	
n°	L [mm]	[Kg]	[Watt]			
H 1030 mm						
9	486	21,3	1049	789	546	AT38 09 103 V __ A
10	542	23,6	1166	876	607	AT38 10 103 V __ A
11	598	26,0	1283	964	667	AT38 11 103 V __ A
12	654	28,4	1399	1052	728	AT38 12 103 V __ A
13	710	30,7	1516	1139	789	AT38 13 103 V __ A
14	766	33,1	1632	1227	849	AT38 14 103 V __ A
15	822	35,5	1749	1315	910	AT38 15 103 V __ A
16	878	37,8	1866	1402	971	AT38 16 103 V __ A
17	934	40,2	1982	1490	1031	AT38 17 103 V __ A
18	990	42,6	2099	1578	1092	AT38 18 103 V __ A
19	1046	44,9	2215	1665	1153	AT38 19 103 V __ A
20	1102	47,3	2332	1753	1213	AT38 20 103 V __ A
21	1158	49,6	2449	1841	1274	AT38 21 103 V __ A
22	1214	52,0	2565	1928	1335	AT38 22 103 V __ A
23	1270	54,4	2682	2016	1395	AT38 23 103 V __ A
24	1326	56,7	2798	2103	1456	AT38 24 103 V __ A
25	1382	59,1	2915	2191	1517	AT38 25 103 V __ A

H 1774 mm						
6	318	23,8	1140	856	592	AT38 06 177 V __ A
7	374	27,7	1330	999	691	AT38 07 177 V __ A
8	430	31,7	1520	1142	789	AT38 08 177 V __ A
9	486	35,7	1710	1284	888	AT38 09 177 V __ A
10	542	39,6	1900	1427	987	AT38 10 177 V __ A
11	598	43,6	2090	1570	1085	AT38 11 177 V __ A
12	654	47,6	2280	1712	1184	AT38 12 177 V __ A
13	710	51,5	2470	1855	1283	AT38 13 177 V __ A
14	766	55,5	2660	1998	1381	AT38 14 177 V __ A
15	822	59,4	2850	2141	1480	AT38 15 177 V __ A

H 1830 mm						
6	318	24,6	1173	881	609	AT38 06 183 V __ A
7	374	28,8	1369	1028	711	AT38 07 183 V __ A
8	430	32,9	1564	1175	812	AT38 08 183 V __ A
9	486	37,0	1760	1322	914	AT38 09 183 V __ A
10	542	41,1	1955	1469	1016	AT38 10 183 V __ A
11	598	45,2	2151	1615	1117	AT38 11 183 V __ A
12	654	49,3	2346	1762	1219	AT38 12 183 V __ A
13	710	53,4	2542	1909	1320	AT38 13 183 V __ A
14	766	57,5	2737	2056	1422	AT38 14 183 V __ A
15	822	61,6	2933	2203	1523	AT38 15 183 V __ A

H 1974 mm						
6	318	27,3	1259	946	655	AT38 06 197 V __ A
7	374	31,8	1469	1104	764	AT38 07 197 V __ A
8	430	36,4	1679	1262	873	AT38 08 197 V __ A
9	486	40,9	1889	1420	982	AT38 09 197 V __ A
10	542	45,4	2099	1577	1091	AT38 10 197 V __ A
11	598	50,0	2309	1735	1200	AT38 11 197 V __ A
12	654	54,5	2519	1893	1310	AT38 12 197 V __ A
13	710	59,1	2729	2051	1419	AT38 13 197 V __ A
14	766	63,6	2939	2208	1528	AT38 14 197 V __ A
15	822	68,2	3149	2366	1637	AT38 15 197 V __ A

H 2030 mm						
6	318	27,3	1293	972	673	AT38 06 203 V __ A
7	374	31,8	1509	1134	785	AT38 07 203 V __ A
8	430	36,4	1724	1296	897	AT38 08 203 V __ A
9	486	40,9	1940	1458	1009	AT38 09 203 V __ A
10	542	45,4	2155	1620	1121	AT38 10 203 V __ A
11	598	50,0	2371	1782	1233	AT38 11 203 V __ A
12	654	54,5	2586	1944	1345	AT38 12 203 V __ A
13	710	59,1	2802	2106	1457	AT38 13 203 V __ A
14	766	63,6	3017	2268	1569	AT38 14 203 V __ A
15	822	68,2	3233	2430	1681	AT38 15 203 V __ A

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