

# ALICE 22 HORIZONTAL



**EUROPEAN WARRANTY**

**MATERIAL:**

- Vertical collectors in painted mild steel  $\varnothing$  30 mm.
- Horizontal heating elements in painted mild steel  $\varnothing$  22 mm.

**FIXING KIT:**

Brackets, airvent, hexagonal tool, plugs and screws for mounting suitable for use on compact or hollow brick, user notice. The kit is certified from TÜV in compliance with VDI 6036 - class 4.

**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:**

See colour chart.

**ACCESSORIES:**

For the complete list, please refer to the accessories chapter.

Width L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,271	0,322	0,374	0,426	0,478	0,582	0,685	0,789	0,841
Element water content [lt]	0,16	0,191	0,223	0,254	0,286	0,349	0,411	0,474	0,5
Element surface [m <sup>2</sup> ]	0,33	0,04	0,047	0,054	0,061	0,075	0,089	0,102	0,109
Pipe centres l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

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

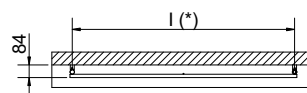
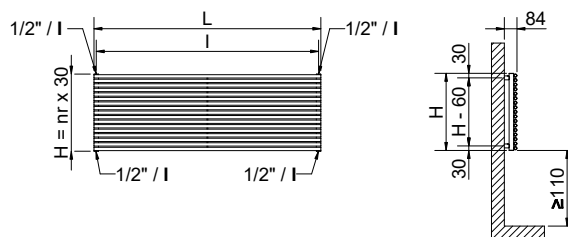
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	0,893	0,945	0,996	1,048	1,1	1,152	1,204	1,256	1,359
Element water content [lt]	0,537	0,568	0,6	0,631	0,663	0,694	0,726	0,757	0,82
Element surface [m <sup>2</sup> ]	0,116	0,123	0,13	0,137	0,144	0,151	0,158	0,165	0,178
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

T. Max: 110° C

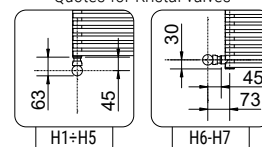
Functioning: hot water

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

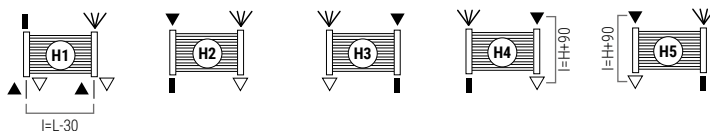


(\*) The fixing kit has the same pipe centre (l) as the radiator

Quotes for Kristal valves

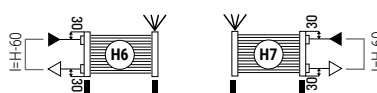


**STANDARD CONNECTIONS WITHOUT SURCHARGE**



**LEGENDA:** In Out airvent H Height l pipe centres L width connection welded cap

**SPECIAL CONNECTIONS**



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

**HOW TO ORDER THE RADIATOR ALICE 22 HORIZONTAL**

ARTICLE NR. STRUCTURE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AAAA	BB	CCC	DDD	EEE		A

EXAMPLE	Radiator model	Nr of Elements	Width in cm	Code of the connection	Code of the colour	Constant value
AL22	E.g.: Alice 22 horizontal	E.g.: 12 elements	Example: 1200 mm	Example: connection H1	Example: S16 - Canary	A

**EXAMPLE OF ARTICLE CODE CREATION**  
 In the case of a radiator:  
**AL22** ALICE 22 HORIZONTAL  
**12** 24 elements  
**120** width 1200 mm  
**H01** connection H1  
**S16** colour S16 - Canary  
**A** (Constant value)  
 The article code will be:  
**AL22 12 120 H01 S16 A**

**ACCESSORIES**

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

<p><b>Kristal valve square with thermostatic option white R01</b></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>Kristal valve corner right with thermostatic option white R01</b></p> <p>Copper conn. <math>\varnothing</math> 12/14/15 Art. nr. 5991990311176</p> <p>Multilayer conn. <math>\varnothing</math> 16 Art. nr. 5991990311175</p>	<p><b>Thermostatic head white</b></p> <p>(Kit 2 pieces)</p> <p>Art. nr. 5035270710016</p>
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Art. nr. are referred to colour WHITE R01



# ALICE 22 HORIZONTAL

Width L [mm]		400	500	600	700	800	1000	1200	1400	1500	OUTPUT PER LINEAR METER		Exp. n
Height H [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 $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$		
150	5	70	87	105	122	140	174	209	244	262	90	1,1992	
180	6	88	109	131	153	175	219	263	306	328	113	1,2016	
210	7	106	132	159	185	212	265	317	370	397	137	1,2040	
240	8	124	156	187	218	249	311	373	436	467	162	1,2064	
270	9	143	179	215	251	287	358	430	502	538	186	1,2088	
300	10	162	203	244	284	325	406	487	569	609	212	1,2112	
330	11	182	227	273	318	363	454	545	636	681	237	1,2136	
360	12	201	251	301	352	402	502	603	703	754	263	1,2160	
390	13	220	275	330	385	440	551	661	771	826	288	1,2184	
420	14	239	299	359	419	479	599	718	838	898	314	1,2208	
450	15	259	323	388	453	517	647	776	905	970	340	1,2232	
480	16	278	347	416	486	555	694	833	972	1041	371	1,2271	
510	17	297	371	445	519	593	741	890	1038	1112	396	1,2296	
540	18	315	394	473	552	631	788	946	1104	1182	420	1,2321	
570	19	334	417	501	584	668	835	1002	1169	1252	444	1,2346	
600	20	352	440	528	617	705	881	1057	1233	1321	468	1,2371	
630	21	370	463	556	648	741	926	1111	1297	1389	492	1,2396	
660	22	388	486	583	680	777	971	1165	1359	1457	515	1,2421	
690	23	406	508	609	711	812	1015	1218	1421	1523	538	1,2446	
720	24	424	529	635	741	847	1059	1271	1482	1588	560	1,2471	
750	25	441	551	661	771	881	1102	1322	1543	1653	585	1,2386	
780	26	458	572	686	801	915	1144	1373	1602	1716	610	1,2302	
810	27	474	593	711	830	949	1186	1423	1660	1779	635	1,2217	
840	28	491	613	736	859	981	1227	1472	1717	1840	660	1,2133	
870	29	507	633	760	887	1013	1267	1520	1773	1900	685	1,2048	
900	30	522	653	784	914	1045	1306	1567	1828	1959	709	1,1964	
960	32	553	691	830	968	1106	1383	1659	1936	2074	751	1,1949	
1020	34	582	728	874	1019	1165	1456	1747	2038	2184	791	1,1933	
1080	36	610	763	916	1068	1221	1526	1831	2137	2289	830	1,1918	
1140	38	637	797	956	1115	1275	1593	1912	2231	2390	868	1,1902	
1200	40	663	829	994	1160	1326	1657	1989	2320	2486	912	1,1835	
1260	42	687	859	1031	1203	1375	1718	2062	2406	2578	950	1,1817	
1320	44	710	888	1066	1243	1421	1776	2131	2487	2664	986	1,1799	
1380	46	732	916	1099	1282	1465	1831	2197	2563	2747	1020	1,1781	
1440	48	753	941	1130	1318	1506	1883	2259	2636	2824	1052	1,1763	
1500	50	773	966	1159	1352	1545	1932	2318	2704	2897	1084	1,1745	
1560	52	791	989	1186	1384	1582	1977	2373	2768	2966	1114	1,1727	
1620	54	808	1010	1212	1414	1616	2020	2425	2829	3031	1142	1,1709	

All intermediate sizes are available for widths from 5 to 54 elements and heights from 400 to 2500 mm

Width L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	OUTPUT PER LINEAR METER		Exp. n
Height H [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 $\Delta t=50^{\circ}\text{C}$	Watt $\Delta t=30^{\circ}\text{C}$		
150	5	279	297	314	332	349	366	384	401	436	90	1,1992	
180	6	350	372	394	416	438	460	482	503	547	113	1,2016	
210	7	423	450	476	503	529	556	582	609	661	137	1,2040	
240	8	498	529	560	591	622	653	685	716	778	162	1,2064	
270	9	574	609	645	681	717	753	789	824	896	186	1,2088	
300	10	650	690	731	772	812	853	894	934	1015	212	1,2112	
330	11	727	772	818	863	908	954	999	1045	1135	237	1,2136	
360	12	804	854	904	954	1005	1055	1105	1155	1256	263	1,2160	
390	13	881	936	991	1046	1101	1156	1211	1266	1376	288	1,2184	
420	14	958	1018	1077	1137	1197	1257	1317	1377	1497	314	1,2208	
450	15	1034	1099	1164	1228	1293	1358	1422	1487	1616	340	1,2232	
480	16	1111	1180	1249	1319	1388	1458	1527	1596	1735	371	1,2271	
510	17	1186	1260	1335	1409	1483	1557	1631	1705	1854	396	1,2296	
540	18	1261	1340	1419	1498	1577	1655	1734	1813	1971	420	1,2321	
570	19	1336	1419	1503	1586	1670	1753	1837	1920	2087	444	1,2346	
600	20	1409	1497	1585	1674	1762	1850	1938	2026	2202	468	1,2371	
630	21	1482	1575	1667	1760	1852	1945	2038	2130	2316	492	1,2396	
660	22	1554	1651	1748	1845	1942	2039	2136	2233	2428	515	1,2421	
690	23	1624	1726	1828	1929	2031	2132	2234	2335	2538	538	1,2446	
720	24	1694	1800	1906	2012	2118	2224	2330	2435	2647	560	1,2471	
750	25	1763	1873	1983	2093	2204	2314	2424	2534	2755	585	1,2386	
780	26	1831	1945	2059	2174	2288	2403	2517	2631	2860	610	1,2302	
810	27	1897	2016	2134	2253	2371	2490	2609	2727	2964	635	1,2217	
840	28	1962	2085	2208	2330	2453	2576	2698	2821	3066	660	1,2133	
870	29	2027	2153	2280	2407	2533	2660	2787	2913	3167	685	1,2048	
900	30	2090	2220	2351	2481	2612	2743	2873	3004	3265	709	1,1964	
960	32	2212	2350	2489	2627	2765	2903	3042	3180	3456	751	1,1949	
1020	34	2329	2475	2621	2766	2912	3057	3203	3349	3640	791	1,1933	
1080	36	2442	2595	2747	2900	3052	3205	3358	3510	3816	830	1,1918	
1140	38	2549	2709	2868	3027	3187	3346	3505	3665	3984	868	1,1902	
1200	40	2652	2818	2983	3149	3315	3481	3646	3812	4144	912	1,1835	
1260	42	2749	2921	3093	3265	3437	3609	3780	3952	4296	950	1,1817	
1320	44	2842	3020	3197	3375	3552	3730	3908	4085	4441	986	1,1799	
1380	46	2930	3113	3296	3479	3662	3845	4028	4211	4578	1020	1,1781	
1440	48	3012	3201	3389	3577	3766	3954	4142	4330	4707	1052	1,1763	
1500	50	3091	3284	3477	3670	3863	4056	4249	4443	4829	1084	1,1745	
1560	52	3164	3362	3559	3757	3955	4153	4350	4548	4944	1114	1,1727	
1620	54	3233	3435	3637	3839	4041	4243	4445	4647	5051	1142	1,1709	