

ALICE 22 TANDEM HORIZONTAL



EUROPEAN WARRANTY

MATERIAL:

- Horizontal collectors in painted mild steel \varnothing 30 mm.
- Double 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]	0,478	0,582	0,685	0,789	0,893	1,1	1,307	1,515	1,618
Element 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 l [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

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

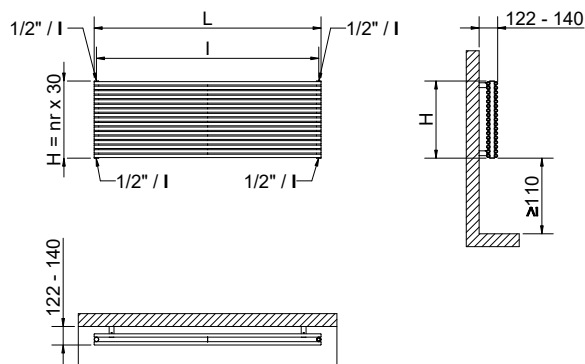
Width L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,722	1,826	1,929	2,033	2,137	2,24	2,344	2,448	2,655
Element water content [lt]	1,04	1,102	1,165	1,228	1,291	1,354	1,417	1,479	1,605
Element surface [m ²]	0,227	0,241	0,254	0,268	0,282	0,296	0,31	0,324	0,351
Pipe centres l [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470

P. Max: 8 bar

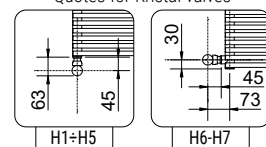
T. Max: 110° C

Functioning: hot water

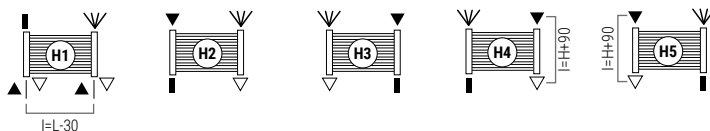
Connections: nn° 2 x 1/2" G - 1 x 1/2" G



Quotes for Kristal valves

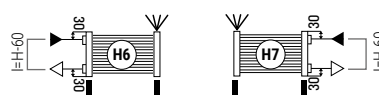


STANDARD CONNECTIONS WITHOUT SURCHARGE



LEGENDA: In Out airvent H Height I 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 TANDEM 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 E.g.: Alice 22 tandem horizontal	Nr of Elements E.g.: 12 elements	Width in cm Example: 1200 mm	Code of the connection Example: connection H4	Code of the colour Example: S16 - Canary	Constant value
AT22	12	120	H04	S16	A	

EXAMPLE OF ARTICLE CODE CREATION
In the case of a radiator:
AT22 ALICE 22 TANDEM HORIZONTAL
12 12 elements
120 width 1200 mm
H04 connection H4
S16 colour S16 - Canary
A (Constant value)
 The article code will be:
AT22 12 120 H04 S16 A

ACCESSORIES

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

<p>Kristal valve square with thermostatic option white R01 Copper conn. \varnothing 12/14/15 Art. nr. 5991990311161 Multilayer conn. \varnothing 16 Art. nr. 5991990311160</p>	<p>Kristal valve corner right with thermostatic option white R01 Copper conn. \varnothing 12/14/15 Art. nr. 5991990311176 Multilayer conn. \varnothing 16 Art. nr. 5991990311175</p>	<p>Pair of polished tube cover kit Art. nr. 5103000000061</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------

Art. nr. are referred to colour WHITE R01



ALICE 22 TANDEM 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	106	133	159	186	212	265	319	372	398	129	1,1948	
180	6	135	168	202	236	269	337	404	471	505	165	1,1978	
210	7	164	205	246	287	328	409	491	573	614	201	1,2008	
240	8	193	242	290	338	386	483	580	676	725	238	1,2038	
270	9	223	278	334	390	446	557	668	780	835	276	1,2068	
300	10	252	315	378	441	504	630	756	883	946	313	1,2098	
330	11	281	352	422	492	562	703	844	984	1055	351	1,2128	
360	12	310	387	465	542	620	775	929	1084	1162	388	1,2158	
390	13	338	422	507	591	676	845	1013	1182	1267	425	1,2188	
420	14	365	456	548	639	730	913	1095	1278	1369	461	1,2218	
450	15	392	490	588	686	783	979	1175	1371	1469	497	1,2248	
480	16	418	522	626	731	835	1044	1253	1461	1566	538	1,2278	
510	17	442	553	664	774	885	1106	1327	1548	1659	590	1,2316	
540	18	466	583	700	816	933	1166	1399	1632	1749	620	1,2354	
570	19	489	612	734	857	979	1224	1468	1713	1835	650	1,2393	
600	20	512	639	767	895	1023	1279	1535	1790	1918	678	1,2431	
630	21	533	666	799	932	1065	1332	1598	1864	1998	704	1,2469	
660	22	553	691	829	967	1106	1382	1659	1935	2073	730	1,2507	
690	23	572	715	858	1001	1144	1430	1716	2002	2145	753	1,2545	
720	24	590	738	885	1033	1180	1475	1770	2066	2213	776	1,2583	
750	25	607	759	911	1063	1215	1518	1822	2126	2278	799	1,2564	
780	26	624	780	935	1091	1247	1559	1871	2183	2339	821	1,2545	
810	27	639	799	958	1118	1278	1597	1916	2236	2396	842	1,2526	
840	28	653	816	980	1143	1306	1633	1959	2286	2449	862	1,2507	
870	29	667	833	1000	1166	1333	1666	2000	2333	2500	881	1,2488	
900	30	679	849	1019	1188	1358	1698	2037	2377	2546	898	1,2469	
930	31	691	863	1036	1208	1381	1726	2072	2417	2590	914	1,2450	
960	32	701	877	1052	1227	1402	1753	2104	2454	2630	929	1,2431	
990	33	711	889	1067	1244	1422	1778	2133	2489	2666	943	1,2412	
1020	34	720	900	1080	1260	1440	1800	2160	2520	2700	956	1,2393	
1050	35	728	910	1092	1274	1456	1821	2185	2549	2731	968	1,2374	
1080	36	736	919	1103	1287	1471	1839	2207	2574	2758	978	1,2355	
1110	37	742	928	1113	1299	1484	1855	2226	2598	2783	988	1,2336	
1140	38	748	935	1122	1309	1496	1870	2244	2618	2805	997	1,2317	
1170	39	753	941	1130	1318	1506	1883	2259	2636	2824	1055	1,2312	
1200	40	758	947	1136	1326	1515	1894	2273	2651	2841	1065	1,2294	
1230	41	761	952	1142	1332	1523	1903	2284	2664	2855	1075	1,2276	
1260	42	764	955	1147	1338	1529	1911	2293	2675	2866	1084	1,2258	

All intermediate sizes are available for widths from 5 to 42 elements and heights from 500 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	425	451	478	504	531	558	584	611	664	129	1,1948	
180	6	539	572	606	640	673	707	741	774	842	165	1,1978	
210	7	655	696	737	778	819	860	901	942	1024	201	1,2008	
240	8	773	821	870	918	966	1015	1063	1111	1208	238	1,2038	
270	9	891	947	1002	1058	1114	1170	1225	1281	1392	276	1,2068	
300	10	1009	1072	1135	1198	1261	1324	1387	1450	1576	313	1,2098	
330	11	1125	1195	1265	1336	1406	1476	1547	1617	1758	351	1,2128	
360	12	1239	1317	1394	1472	1549	1627	1704	1781	1936	388	1,2158	
390	13	1351	1436	1520	1605	1689	1774	1858	1942	2111	425	1,2188	
420	14	1461	1552	1643	1734	1826	1917	2008	2100	2282	461	1,2218	
450	15	1567	1665	1763	1861	1959	2057	2155	2252	2448	497	1,2248	
480	16	1670	1774	1879	1983	2088	2192	2296	2401	2610	538	1,2278	
510	17	1770	1880	1991	2101	2212	2323	2433	2544	2765	590	1,2316	
540	18	1866	1982	2099	2215	2332	2449	2565	2682	2915	620	1,2354	
570	19	1958	2080	2202	2325	2447	2570	2692	2814	3059	650	1,2393	
600	20	2046	2174	2302	2430	2558	2686	2814	2941	3197	678	1,2431	
630	21	2131	2264	2397	2530	2663	2797	2930	3063	3329	704	1,2469	
660	22	2211	2350	2488	2626	2764	2902	3041	3179	3455	730	1,2507	
690	23	2288	2431	2574	2717	2860	3003	3146	3289	3575	753	1,2545	
720	24	2361	2508	2656	2803	2951	3098	3246	3393	3689	776	1,2583	
750	25	2429	2581	2733	2885	3037	3189	3340	3492	3796	799	1,2564	
780	26	2494	2650	2806	2962	3118	3274	3430	3586	3898	821	1,2545	
810	27	2555	2715	2875	3034	3194	3354	3513	3673	3993	842	1,2526	
840	28	2613	2776	2939	3103	3266	3429	3592	3756	4082	862	1,2507	
870	29	2666	2833	3000	3166	3333	3499	3666	3833	4166	881	1,2488	
900	30	2716	2886	3056	3225	3395	3565	3735	3904	4244	898	1,2469	
930	31	2762	2935	3108	3280	3453	3625	3798	3971	4316	914	1,2450	
960	32	2805	2980	3156	3331	3506	3682	3857	4032	4383	929	1,2431	
990	33	2844	3022	3200	3377	3555	3733	3911	4088	4444	943	1,2412	
1020	34	2880	3060	3240	3420	3600	3780	3960	4140	4500	956	1,2393	
1050	35	2913	3095	3277	3459	3641	3823	4005	4187	4551	968	1,2374	
1080	36	2942	3126	3310	3494	3678	3862	4046	4229	4597	978	1,2355	
1110	37	2969	3154	3340	3525	3711	3896	4082	4267	4639	988	1,2336	
1140	38	2992	3179	3366	3553	3740	3927	4114	4301	4675	997	1,2317	
1170	39	3012	3201	3389	3577	3766	3954	4142	4330	4707	1055	1,2312	
1200	40	3030	3219	3409	3598	3788	3977	4166	4356	4735	1065	1,2294	
1230	41	3045	3235	3426	3616	3806	3997	4187	4377	4758	1075	1,2276	
1260	42	3057	3249	3440	3631	3822	4013	4204	4395	4777	1084	1,2258	