



ALICE 22 HORIZONTAL

NEW

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 walls, user notice. The kit is certified from TÜV in compliance with VDI 6036-class 4. 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

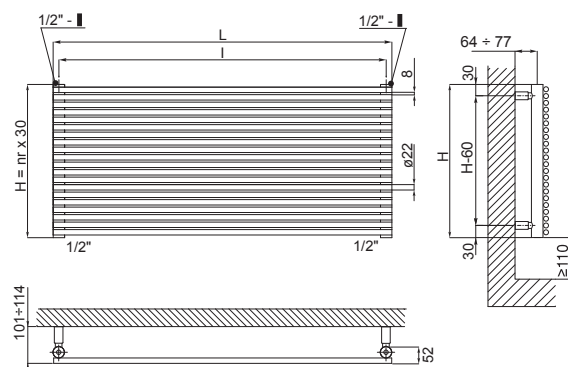
See Accessories chapter

P. Max: 8 bar	Functioning: hot water	T. Max: 110° C	Connections: 2 x 1/2" gas - 1 x 1/2" gas for airvent
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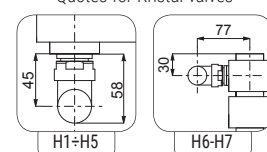
WIDTH L [mm]	400	500	600	700	800	1000	1200	1400	1500
Dry Weight per section [kg]	0,45	0,552	0,652	0,75	0,851	1,050	1,249	1,448	1,547
Element Water content [lt]	0,20	0,241	0,279	0,32	0,356	0,432	0,508	0,585	0,623
Element surface [m2]	0,05	0,063	0,074	0,09	0,096	0,119	0,142	0,164	0,176
Pipe Centres I [mm] (H1 only)	370	470	570	670	770	970	1170	1370	1470

For output at different Δt than 50°C, please refer to the following formula:
desired output = output at Δt 50°C x (desired Δt /50)ⁿ

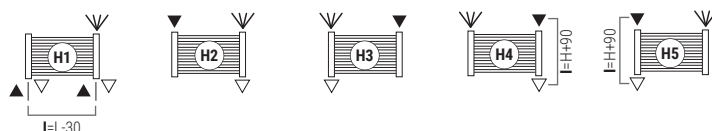
WIDTH L [mm]	1600	1700	1800	1900	2000	2100	2200	2300	2500
Dry Weight per section [kg]	1,647	1,746	1,846	1,945	2,045	2,145	2,25	2,45	2,65
Element Water content [lt]	0,661	0,700	0,738	0,776	0,814	0,852	0,89	0,97	1,04
Element surface [m2]	0,187	0,198	0,210	0,221	0,232	0,243	0,25	0,28	0,30
Pipe Centres I [mm] (H1 only)	1570	1670	1770	1870	1970	2070	2170	2270	2470



Quotes for Kristal valves



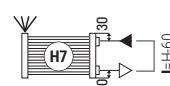
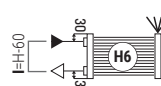
STANDARD CONNECTIONS WITHOUT SURCHARGE



Legenda=



SPECIAL CONNECTIONS (WITH SURCHARGE)



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	Elements nr.	WIDTH 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.: Alice 22 horizontal	Numero elements E.g.: 12 elements	WIDTH in cm Example: 1200 mm	Article code of the connection Example: connection H1	Article code of the colour Example: S16 - Canary	Constant value
AL22	12	120	H01	S16	A	

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AL22 ALICE 22 HORIZONTAL

12 24 elements (see the table shown on the side)

120 WIDTH 1200 mm (see the table shown on the side)

H01 connection H1

S16 colour S16- Canary

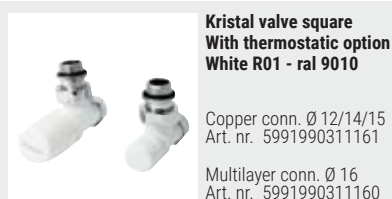
A (Constant value)

The article code will be:

AL22 12 120 H01 S16 A

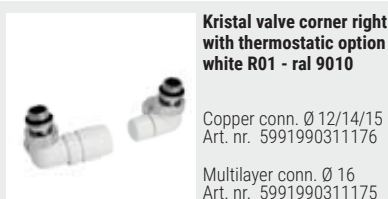
ACCESSORIES

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



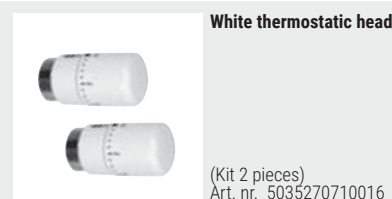
**Kristal valve square
With thermostatic option
White R01 - ral 9010**

Copper conn. \varnothing 12/14/15
Art. nr. 5991990311161
Multilayer conn. \varnothing 16
Art. nr. 5991990311160



**Kristal valve corner right
with thermostatic option
white R01 - ral 9010**

Copper conn. \varnothing 12/14/15
Art. nr. 5991990311176
Multilayer conn. \varnothing 16
Art. nr. 5991990311175



White thermostatic head

(Kit 2 pieces)
Art. nr. 5035270710016

ALICE 22 HORIZONTAL

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

WIDTH L [mm]		400	500	600	700	800	1000	1200	1400	1500	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 $\Delta t=50^{\circ}\text{C}$	
150	5	87	109	131	153	174	218	262	305	327	1,25894
180	6	109	136	163	190	217	271	326	380	407	1,2582
210	7	130	162	195	227	259	324	389	454	486	1,2573
240	8	151	188	226	264	301	377	452	528	565	1,2564
270	9	172	215	257	300	343	429	515	601	644	1,2554
300	10	192	240	289	337	385	481	577	673	721	1,2544
330	11	213	266	319	373	426	532	639	745	799	1,2534
360	12	233	292	350	408	467	584	700	817	875	1,2524
390	13	254	317	381	444	507	634	761	888	952	1,2514
420	14	274	342	411	479	548	685	822	959	1027	1,2504
450	15	294	367	441	514	588	735	882	1029	1102	1,2494
480	16	314	392	471	549	628	785	941	1098	1177	1,2484
510	17	334	417	500	584	667	834	1001	1168	1251	1,2474
540	18	353	441	530	618	706	883	1060	1236	1324	1,2464
570	19	373	466	559	652	745	932	1118	1304	1397	1,2454
600	20	392	490	588	686	784	980	1176	1372	1470	1,2444
630	21	411	514	617	720	822	1028	1233	1439	1542	1,2434
660	22	430	538	645	753	860	1075	1291	1506	1613	1,2425
690	23	449	561	674	786	898	1123	1347	1572	1684	1,2415
720	24	468	585	702	819	936	1170	1404	1637	1754	1,2405
750	25	486	608	730	851	973	1216	1459	1703	1824	1,2395
780	26	505	631	757	884	1010	1262	1515	1767	1893	1,2385
810	27	523	654	785	916	1046	1308	1570	1831	1962	1,2375
840	28	541	677	812	948	1083	1354	1624	1895	2030	1,2365
870	29	559	699	839	979	1119	1399	1678	1958	2098	1,2355
900	30	577	722	866	1010	1155	1443	1732	2021	2165	1,2345
960	32	613	766	919	1072	1226	1532	1838	2145	2298	1,2335
1020	34	648	809	971	1133	1295	1619	1943	2267	2428	1,2325
1080	36	682	852	1023	1193	1364	1705	2045	2386	2557	1,2315
1140	38	716	894	1073	1252	1431	1789	2147	2504	2683	1,2305
1200	40	749	936	1123	1310	1497	1872	2246	2620	2807	1,2296
1260	42	781	976	1172	1367	1562	1953	2343	2734	2929	1,2286
1320	44	813	1016	1220	1423	1626	2033	2439	2846	3049	1,2276
1380	46	845	1056	1267	1478	1689	2111	2534	2956	3167	1,2266
1440	48	875	1094	1313	1532	1751	2188	2626	3064	3283	1,2256
1500	50	906	1132	1358	1585	1811	2264	2717	3170	3396	1,2246
1560	52	935	1169	1403	1637	1871	2338	2806	3274	3508	1,2234
1620	54	964	1206	1447	1688	1929	2411	2893	3376	3617	1,2223

WIDTH L [mm]		1600	1700	1800	1900	2000	2100	2200	2300	2500	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 $\Delta t=50^{\circ}\text{C}$	
150	5	349	371	393	414	436	458	480	502	545	1,25894
180	6	434	461	488	516	543	570	597	624	678	1,2582
210	7	519	551	584	616	649	681	713	746	811	1,2573
240	8	603	641	678	716	754	791	829	867	942	1,2564
270	9	686	729	772	815	858	901	944	987	1073	1,2554
300	10	769	818	866	914	962	1010	1058	1106	1202	1,2544
330	11	852	905	958	1012	1065	1118	1171	1225	1331	1,2534
360	12	934	992	1050	1109	1167	1225	1284	1342	1459	1,2524
390	13	1015	1078	1142	1205	1269	1332	1396	1459	1586	1,2514
420	14	1096	1164	1233	1301	1370	1438	1506	1575	1712	1,2504
450	15	1176	1249	1323	1396	1470	1543	1617	1690	1837	1,2494
480	16	1255	1334	1412	1491	1569	1648	1726	1805	1961	1,2484
510	17	1334	1418	1501	1584	1668	1751	1835	1918	2085	1,2474
540	18	1413	1501	1589	1678	1766	1854	1943	2031	2207	1,2464
570	19	1491	1584	1677	1770	1863	1956	2050	2143	2329	1,2454
600	20	1568	1666	1764	1862	1960	2058	2156	2254	2450	1,2444
630	21	1645	1747	1850	1953	2056	2159	2261	2364	2570	1,2434
660	22	1721	1828	1936	2043	2151	2258	2366	2474	2689	1,2425
690	23	1796	1909	2021	2133	2245	2358	2470	2582	2807	1,2415
720	24	1871	1988	2105	2222	2339	2456	2573	2690	2924	1,2405
750	25	1946	2067	2189	2311	2432	2554	2675	2797	3040	1,2395
780	26	2020	2146	2272	2398	2525	2651	2777	2903	3156	1,2385
810	27	2093	2224	2355	2485	2616	2747	2878	3009	3270	1,2375
840	28	2166	2301	2436	2572	2707	2843	2978	3113	3384	1,2365
870	29	2238	2378	2518	2658	2797	2937	3077	3217	3497	1,2355
900	30	2310	2454	2598	2743	2887	3031	3176	3320	3609	1,2345
960	32	2451	2604	2757	2911	3064	3217	3370	3523	3830	1,2335
1020	34	2590	2752	2914	3076	3238	3400	3562	3724	4047	1,2325
1080	36	2727	2898	3068	3239	3409	3580	3750	3920	4261	1,2315
1140	38	2862	3041	3220	3399	3578	3756	3935	4114	4472	1,2305
1200	40	2994	3182	3369	3556	3743	3930	4117	4305	4679	1,2296
1260	42	3125	3320	3515	3710	3906	4101	4296	4492	4882	1,2286
1320	44	3253	3456	3659	3862	4066	4269	4472	4676	5082	1,2276
1380	46	3378	3589	3800	4012	4223	4434	4645	4856	5278	1,2266
1440	48	3502	3720	3939	4158	4377	4596	4815	5033	5471	1,2256
1500	50	3623	3849	4075	4302	4528	4755	4981	5208	5660	1,2246
1560	52	3741	3975	4209	4443	4677	4911	5144	5378	5846	1,2234
1620	54	3858	4099	4340	4581	4822	5064	5305	5546	6028	1,2223