

KARIN VX

VERTICAL

WARRANTY 5 YEARS



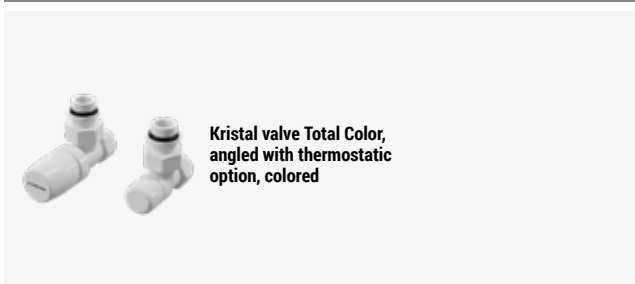
Color: T01 Matt black

Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	21,1	25,0	32,6	39,9	46,9	53,7	57,1	60,3	63,3
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	11,0	13,1	17,0	20,8	24,5	28,1	29,9	31,6	33,3
Dry Weight per element [kg]	0,333	0,389	0,501	0,613	0,725	0,837	0,893	0,949	1,005
Water content [lt]	0,140	0,162	0,206	0,250	0,295	0,339	0,361	0,383	0,406
Element surface [m ²]	0,040	0,047	0,061	0,075	0,089	0,103	0,110	0,117	0,124
Exponent n	1,2691	1,2708	1,2742	1,2725	1,2708	1,2691	1,2682	1,2673	1,2664
Pipe Centres I [mm] (V3-V4 only)	470	570	770	970	1170	1370	1470	1570	1670

For output at different Δt , please refer to the following formula: **desired output = output at $\Delta t 50 \times$ (Desired $\Delta t/50$)ⁿ**

Height H [mm]	1800	1900	2000	2200	2300	2500
Therm. output per el. $\Delta t = 50\text{ °C}$ [Watt]	66,7	69,9	72,9	78,9	81,9	87,6
Therm. output per el. $\Delta t = 30\text{ °C}$ [Watt]	34,9	36,5	38,0	41,0	42,5	45,2
Dry Weight per element [kg]	1,061	1,117	1,173	1,285	1,341	1,453
Water content [lt]	0,428	0,450	0,472	0,516	0,539	0,583
Element surface [m ²]	0,131	0,138	0,145	0,159	0,166	0,180
Exponent n	1,2656	1,2698	1,2739	1,2823	1,2865	1,2948
Pipe Centres I [mm] (V3-V4 only)	1770	1870	1970	2170	2270	2470

AVAILABLE ACCESSORIES



Kristol 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.
- 15x20 mm 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).

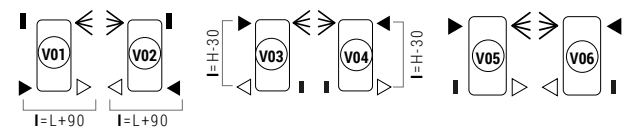
COLORS:

See color chart.

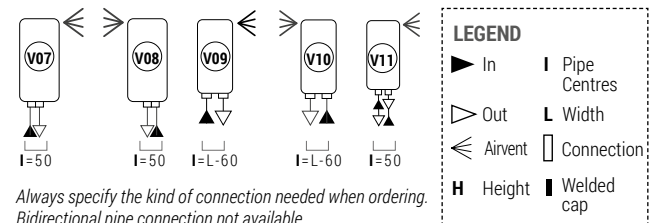
CERTIFICATES



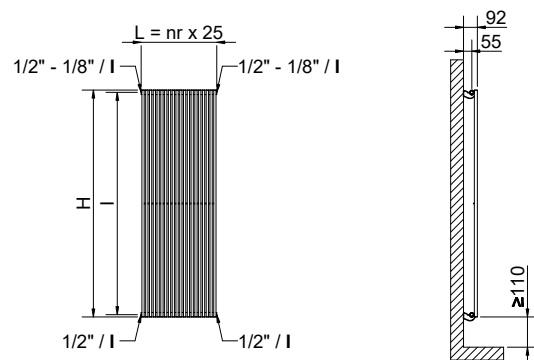
STANDARD CONNECTIONS



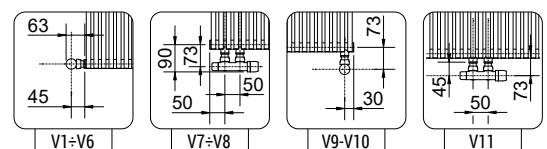
SPECIAL CONNECTIONS



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 KARIN VX VERTICAL RADIATOR

Radiator model E.g.: KARIN VX VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1600 mm	Connection code Example: connection V03	Color code Es: R01 - White	Constant value
KA15	24	160	V03	R01	A

Example of article code creation

KA15 KARIN VX VERTICAL
24 24 Elements (see table below)
160 Height 1600 mm (see table below)
V03 Connection V03 (see next page)
R01 Color R01 - White (see color chart)
A Constant value

The article code will be:

KA15 24 160 V03 R01 A

Height H [mm]	500	600	800	1000	1200	1400	1500	1600	1700
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
200	8	169	200	261	319	375	430	457	506
250	10	211	250	326	399	469	537	571	633
300	12	253	300	391	479	563	644	685	760
350	14	295	350	456	559	657	752	799	886
400	16	338	400	522	638	750	859	914	1013
450	18	380	450	587	718	844	967	1028	1139
500	20	422	500	652	798	938	1074	1142	1266
550	22	464	550	717	878	1032	1181	1256	1393
600	24	506	600	782	958	1126	1289	1370	1519
650	26	549	650	848	1037	1219	1396	1485	1646
700	28	591	700	913	1117	1313	1504	1599	1772
750	30	633	750	978	1197	1407	1611	1713	1899
800	32	675	800	1043	1277	1501	1718	1827	2026
850	34	717	850	1108	1357	1595	1826	1941	2152
900	36	760	900	1174	1436	1688	1933	2056	2279
950	38	802	950	1239	1516	1782	2041	2170	2405
1000	40	844	1000	1304	1596	1876	2148	2284	2532
1050	42	886	1050	1369	1676	1970	2255	2398	2659
1100	44	928	1100	1434	1756	2064	2363	2512	2785
1150	46	971	1150	1500	1835	2157	2470	2627	2912
1200	48	1013	1200	1565	1915	2251	2578	2741	3038
1250	50	1055	1250	1630	1995	2345	2685	2855	3165
1300	52	1097	1300	1695	2075	2439	2792	2969	3292
1350	54	1139	1350	1760	2155	2533	2900	3083	3418
1400	56	1182	1400	1826	2234	2626	3007	3198	3545
1450	58	1224	1450	1891	2314	2720	3115	3312	3671
1500	60	1266	1500	1956	2394	2814	3222	3426	3798
1550	62	1308	1550	2021	2474	2908	3329	3540	3925
1600	64	1350	1600	2086	2554	3002	3437	3654	4051
1650	66	1393	1650	2152	2633	3095	3544	3769	4178
1700	68	1435	1700	2217	2713	3189	3652	3883	4304
1750	70	1477	1750	2282	2793	3283	3759	3997	4431
1800	72	1519	1800	2347	2873	3377	3866	4111	4558

All intermediate sizes are available for widths from 8 to 72 Elements and heights from 500 to 2500 mm.

Height H [mm]	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
200	8	534	559	583	631	655
250	10	667	699	729	789	819
300	12	800	839	875	947	983
350	14	934	979	1021	1105	1147
400	16	1067	1118	1166	1262	1310
450	18	1201	1258	1312	1420	1474
500	20	1334	1398	1458	1578	1638
550	22	1467	1538	1604	1736	1802
600	24	1601	1678	1750	1894	1966
650	26	1734	1817	1895	2051	2129
700	28	1868	1957	2041	2209	2293
750	30	2001	2097	2187	2367	2457
800	32	2134	2237	2333	2525	2621
850	34	2268	2377	2479	2683	2785
900	36	2401	2516	2624	2840	2948
950	38	2535	2656	2770	2998	3112
1000	40	2668	2796	2916	3156	3276
1050	42	2801	2936	3062	3314	3440
1100	44	2935	3076	3208	3472	3604
1150	46	3068	3215	3353	3629	3767
1200	48	3202	3355	3499	3787	3931
1250	50	3335	3495	3645	3945	4095
1300	52	3468	3635	3791	4103	4259
1350	54	3602	3775	3937	4261	4423
1400	56	3735	3914	4082	4418	4586
1450	58	3869	4054	4228	4576	4750
1500	60	4002	4194	4374	4734	4914
1550	62	4135	4334	4520	4892	5078
1600	64	4269	4474	4666	5050	5242
1650	66	4402	4613	4811	5207	5405
1700	68	4536	4753	4957	5365	5569
1750	70	4669	4893	5103	5523	5733
1800	72	4802	5033	5249	5681	5897

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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						
8	200	2,7	169	127	88	KA15 08 050 V __ __ A
10	250	3,3	211	159	110	KA15 10 050 V __ __ A
12	300	4,0	253	191	132	KA15 12 050 V __ __ A
14	350	4,7	295	223	154	KA15 14 050 V __ __ A
16	400	5,3	338	254	176	KA15 16 050 V __ __ A
18	450	6,0	380	286	198	KA15 18 050 V __ __ A
20	500	6,7	422	318	220	KA15 20 050 V __ __ A
22	550	7,3	464	350	242	KA15 22 050 V __ __ A
24	600	8,0	506	382	264	KA15 24 050 V __ __ A
28	700	9,3	591	445	308	KA15 28 050 V __ __ A
32	800	10,7	675	509	352	KA15 32 050 V __ __ A
38	950	12,7	802	604	418	KA15 38 050 V __ __ A
40	1000	13,3	844	636	440	KA15 40 050 V __ __ A
48	1200	16,0	1013	763	528	KA15 48 050 V __ __ A
54	1350	18,0	1139	858	594	KA15 54 050 V

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						
8	200	3,1	200	151	104	KA15 08 060 V __ _ A
10	250	3,9	250	188	131	KA15 10 060 V __ _ A
12	300	4,7	300	226	157	KA15 12 060 V __ _ A
14	350	5,4	350	264	183	KA15 14 060 V __ _ A
16	400	6,2	400	301	209	KA15 16 060 V __ _ A
18	450	7,0	450	339	235	KA15 18 060 V __ _ A
20	500	7,8	500	377	261	KA15 20 060 V __ _ A
22	550	8,6	550	414	287	KA15 22 060 V __ _ A
24	600	9,3	600	452	313	KA15 24 060 V __ _ A
28	700	10,9	700	527	366	KA15 28 060 V __ _ A
32	800	12,4	800	602	418	KA15 32 060 V __ _ A
38	950	14,8	950	715	496	KA15 38 060 V __ _ A
40	1000	15,6	1000	753	522	KA15 40 060 V __ _ A
48	1200	18,7	1200	904	627	KA15 48 060 V __ _ A
54	1350	21,0	1350	1017	705	KA15 54 060 V __ _ A

H 800 mm						
8	200	4,0	261	196	136	KA15 08 080 V __ __ A
10	250	5,0	326	245	170	KA15 10 080 V __ __ A
12	300	6,0	391	294	204	KA15 12 080 V __ __ A
14	350	7,0	456	343	238	KA15 14 080 V __ __ A
16	400	8,0	522	393	272	KA15 16 080 V __ __ A
18	450	9,0	587	442	306	KA15 18 080 V __ __ A
20	500	10,0	652	491	340	KA15 20 080 V __ __ A
22	550	11,0	717	540	374	KA15 22 080 V __ __ A
24	600	12,0	782	589	408	KA15 24 080 V __ __ A
28	700	14,0	913	687	476	KA15 28 080 V __ __ A
32	800	16,0	1043	785	544	KA15 32 080 V __ __ A
38	950	19,0	1239	932	646	KA15 38 080 V __ __ A
40	1000	20,0	1304	981	680	KA15 40 080 V __ __ A
48	1200	24,0	1565	1178	816	KA15 48 080 V __ __ A
54	1350	27,1	1760	1325	918	KA15 54 080 V __ __ A

H 1000 mm						
8	200	4,9	319	240	167	KA15 08 100 V __ __ A
10	250	6,1	399	300	208	KA15 10 100 V __ __ A
12	300	7,4	479	360	250	KA15 12 100 V __ __ A
14	350	8,6	559	421	292	KA15 14 100 V __ __ A
16	400	9,8	638	481	333	KA15 16 100 V __ __ A
18	450	11,0	718	541	375	KA15 18 100 V __ __ A
20	500	12,3	798	601	417	KA15 20 100 V __ __ A
22	550	13,5	878	661	458	KA15 22 100 V __ __ A
24	600	14,7	958	721	500	KA15 24 100 V __ __ A
28	700	17,2	1117	841	583	KA15 28 100 V __ __ A
32	800	19,6	1277	961	667	KA15 32 100 V __ __ A
38	950	23,3	1516	1141	792	KA15 38 100 V __ __ A
40	1000	24,5	1596	1201	833	KA15 40 100 V __ __ A
48	1200	29,4	1915	1442	1000	KA15 48 100 V __ __ A
54	1350	33,1	2155	1622	1125	KA15 54 100 V __ __ A

H 1200 mm						
8	200	5,8	373	281	195	KA15 08 120 V __ __ A
10	250	7,3	466	351	243	KA15 10 120 V __ __ A
12	300	8,7	559	421	292	KA15 12 120 V __ __ A
14	350	10,2	652	491	341	KA15 14 120 V __ __ A
16	400	11,6	745	562	390	KA15 16 120 V __ __ A
18	450	13,1	838	632	438	KA15 18 120 V __ __ A
20	500	14,5	931	702	487	KA15 20 120 V __ __ A
22	550	16,0	1024	772	536	KA15 22 120 V __ __ A
24	600	17,4	1117	842	584	KA15 24 120 V __ __ A
28	700	20,3	1313	983	682	KA15 28 120 V __ __ A
32	800	23,2	1509	1123	779	KA15 32 120 V __ __ A
38	950	27,6	1805	1334	925	KA15 38 120 V __ __ A
40	1000	29,0	1908	1404	974	KA15 40 120 V __ __ A
48	1200	34,8	2265	1685	1169	KA15 48 120 V __ __ A
54	1350	39,2	2561	1895	1315	KA15 54 120 V __ __ A

H 1400 mm						
8	200	6,7	430	324	225	KA15 08 140 V __ __ A
10	250	8,4	537	405	281	KA15 10 140 V __ __ A
12	300	10,0	644	485	337	KA15 12 140 V __ __ A
14	350	11,7	752	566	393	KA15 14 140 V __ __ A
16	400	13,4	859	647	449	KA15 16 140 V __ __ A
18	450	15,1	967	728	505	KA15 18 140 V __ __ A
20	500	16,7	1074	809	562	KA15 20 140 V __ __ A
22	550	18,4	1181	890	618	KA15 22 140 V __ __ A
24	600	20,1	1289	971	674	KA15 24 140 V __ __ A
28	700	23,4	1504	1133	786	KA15 28 140 V __ __ A
32	800	26,8	1718	1295	899	KA15 32 140 V __ __ A
38	950	31,8	2041	1537	1067	KA15 38 140 V __ __ A
40	1000	33,5	2148	1618	1123	KA15 40 140 V __ __ A
48	1200	40,2	2578	1942	1348	KA15 48 140 V __ __ A
54	1350	45,2	2900	2185	1516	KA15 54 140 V __ __ A

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El.	Width	Dry Weight	Thermal output			Art. nr.
			Δt 50°C	Δt 40°C	Δt 30°C	
n°	L [mm]	[Kg]	[Watt]			
H 1500 mm						
8	200	7,1	457	344	239	KA15 08 150 V __ _ A
10	250	8,9	571	430	299	KA15 10 150 V __ _ A
12	300	10,7	685	516	358	KA15 12 150 V __ _ A
14	350	12,5	799	602	418	KA15 14 150 V __ _ A
16	400	14,3	914	688	478	KA15 16 150 V __ _ A
18	450	16,1	1028	774	538	KA15 18 150 V __ _ A
20	500	17,9	1142	861	597	KA15 20 150 V __ _ A
22	550	19,6	1256	947	657	KA15 22 150 V __ _ A
24	600	21,4	1370	1033	717	KA15 24 150 V __ _ A
28	700	25,0	1599	1205	836	KA15 28 150 V __ _ A
32	800	28,6	1827	1377	956	KA15 32 150 V __ _ A
38	950	33,9	2170	1635	1135	KA15 38 150 V __ _ A
40	1000	35,7	2284	1721	1195	KA15 40 150 V __ _ A
48	1200	42,9	2741	2065	1434	KA15 48 150 V __ _ A
54	1350	48,2	3083	2323	1613	KA15 54 150 V __ _ A

H 1800 mm						
8	200	8,5	534	402	280	KA15 08 180 V ___ A
10	250	10,6	667	503	349	KA15 10 180 V ___ A
12	300	12,7	800	603	419	KA15 12 180 V ___ A
14	350	14,9	934	704	489	KA15 14 180 V ___ A
16	400	17,0	1067	805	559	KA15 16 180 V ___ A
18	450	19,1	1201	905	629	KA15 18 180 V ___ A
20	500	21,2	1334	1006	699	KA15 20 180 V ___ A
22	550	23,3	1467	1106	769	KA15 22 180 V ___ A
24	600	25,5	1601	1207	839	KA15 24 180 V ___ A
28	700	29,7	1868	1408	978	KA15 28 180 V ___ A
32	800	34,0	2134	1609	1118	KA15 32 180 V ___ A
38	950	40,3	2535	1911	1328	KA15 38 180 V ___ A
40	1000	42,4	2668	2012	1398	KA15 40 180 V ___ A
48	1200	50,9	3202	2414	1677	KA15 48 180 V ___ A
54	1350	57,3	3602	2716	1887	KA15 54 180 V ___ A

H 2200 mm						
8	200	10,3	631	474	328	KA15 08 220 V ___ A
10	250	12,9	789	593	410	KA15 10 220 V ___ A
12	300	15,4	947	711	492	KA15 12 220 V ___ A
14	350	18,0	1105	830	574	KA15 14 220 V ___ A
16	400	20,6	1262	948	656	KA15 16 220 V ___ A
18	450	23,1	1420	1067	738	KA15 18 220 V ___ A
20	500	25,7	1578	1185	820	KA15 20 220 V ___ A
22	550	28,3	1736	1304	902	KA15 22 220 V ___ A
24	600	30,8	1894	1422	984	KA15 24 220 V ___ A
28	700	36,0	2209	1659	1148	KA15 28 220 V ___ A
32	800	41,1	2525	1897	1311	KA15 32 220 V ___ A
38	950	48,8	2998	2252	1557	KA15 38 220 V ___ A
40	1000	51,4	3156	2371	1639	KA15 40 220 V ___ A
48	1200	61,7	3787	2845	1967	KA15 48 220 V ___ A
54	1350	69,4	4261	3200	2213	KA15 54 220 V ___ A

El.	Width	Dry Weight	Thermal output			Art. nr.
			Δt 50°C	Δt 40°C	Δt 30°C	
n°	L [mm]	[Kg]	[Watt]			
H 1600 mm						
8	200	7,6	482	364	252	KA15 08 160 V __ _ A
10	250	9,5	603	454	316	KA15 10 160 V __ _ A
12	300	11,4	724	545	379	KA15 12 160 V __ _ A
14	350	13,3	844	636	442	KA15 14 160 V __ _ A
16	400	15,2	965	727	505	KA15 16 160 V __ _ A
18	450	17,1	1085	818	568	KA15 18 160 V __ _ A
20	500	19,0	1206	909	631	KA15 20 160 V __ _ A
22	550	20,9	1327	1000	694	KA15 22 160 V __ _ A
24	600	22,8	1447	1091	757	KA15 24 160 V __ _ A
28	700	26,6	1688	1273	884	KA15 28 160 V __ _ A
32	800	30,4	1930	1454	1010	KA15 32 160 V __ _ A
38	950	36,1	2291	1727	1199	KA15 38 160 V __ _ A
40	1000	38,0	2412	1818	1262	KA15 40 160 V __ _ A
48	1200	45,6	2894	2181	1515	KA15 48 160 V __ _ A
54	1350	51,2	3256	2454	1704	KA15 54 160 V __ _ A

H 2000 mm						
8	200	8,9	559	421	292	KA15 08 200 V ___ A
10	250	11,2	699	527	365	KA15 10 200 V ___ A
12	300	13,4	839	632	438	KA15 12 200 V ___ A
14	350	15,6	979	737	512	KA15 14 200 V ___ A
16	400	17,9	1118	842	585	KA15 16 200 V ___ A
18	450	20,1	1258	948	658	KA15 18 200 V ___ A
20	500	22,3	1398	1053	731	KA15 20 200 V ___ A
22	550	24,6	1538	1158	804	KA15 22 200 V ___ A
24	600	26,8	1678	1264	877	KA15 24 200 V ___ A
28	700	31,3	1957	1474	1023	KA15 28 200 V ___ A
32	800	35,7	2237	1685	1169	KA15 32 200 V ___ A
38	950	42,4	2656	2001	1389	KA15 38 200 V ___ A
40	1000	44,7	2796	2106	1462	KA15 40 200 V ___ A
48	1200	53,6	3355	2527	1754	KA15 48 200 V ___ A
54	1350	60,3	3775	2843	1973	KA15 54 200 V ___ A

H 2500 mm						
8	200	11,6	701	525	362	KA15 08 250 V ___ A
10	250	14,5	876	656	452	KA15 10 250 V ___ A
12	300	17,4	1051	787	543	KA15 12 250 V ___ A
14	350	20,3	1226	919	633	KA15 14 250 V ___ A
16	400	23,2	1402	1050	723	KA15 16 250 V ___ A
18	450	26,2	1577	1181	814	KA15 18 250 V ___ A
20	500	29,1	1752	1312	904	KA15 20 250 V ___ A
22	550	32,0	1927	1444	995	KA15 22 250 V ___ A
24	600	34,9	2102	1575	1085	KA15 24 250 V ___ A
28	700	40,7	2453	1837	1266	KA15 28 250 V ___ A
32	800	46,5	2803	2100	1447	KA15 32 250 V ___ A
38	950	55,2	3329	2493	1718	KA15 38 250 V ___ A
40	1000	58,1	3504	2625	1808	KA15 40 250 V ___ A
48	1200	69,7	4205	3150	2170	KA15 48 250 V ___ A
54	1350	78,5	4730	3543	2441	KA15 54 250 V ___ A

HOW TO ORDER THE KARIN VX VERTICAL RADIATOR

Radiator model E.g.: KARIN VX VERTICAL	Nr of Elements E.g.: 24 Elements	Height in mm Example: 1600 mm	Connection code Example: connection V03	Color code Es: R01 - White	Constant value
KA15	24	160	V03	R01	A

Example of article code creation

KA15... KARIN VX VERTICAL
24... 24 Elements
160... Height 1600 mm
V01... Connection V03 (see product page)
R01... Color R01 - White (see color chart)
A... Constant value

The article code will be:

KA15 24 160 V03 R01 A