



5 COLUMNS

WARRANTY
5 YEARS

MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes $\varnothing$ 25 mm.

PACKAGING:

The radiator is protected by a recycled film in polyethylene and with a box in recycled carton. User notice included.

PAINTING PROCESS:

Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

COLOURS:

See colour chart.

Functioning: hot water	Maximum working pressure	10 bar	Maximum temperature	110°C	Hub	1"
	Testing conditions	13 bar	Minimum flow in % of the nominal flow rate:	18	Section width	46 mm

CERTIFICATES



ARTICLE NR. STRUCTURE

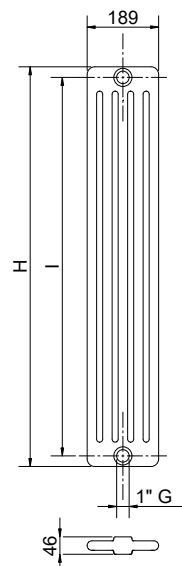
Model and nr of columns	Nr of Elements	Height in mm	Code of the connection	Code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 10 elements	Height in mm Example: 1800 mm	Code of the connection Example: connection AS8	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	10	1800	AS8	F37	A

TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe centres I [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) ΔT 60 = W	50,5	71,9	92,1	111,7	130,9	159,2	186,9	205,4	242,1	297	348,7	382,9	416,7	467,2
(75/65/20°C) ΔT 50 = W	39,7	56,5	72,4	87,7	102,7	124,8	146,4	160,6	188,8	230,4	271,6	299	326,4	367,4
(65/55/20°C) ΔT 40 = W	29,5	42,1	53,9	65,3	76,4	92,7	108,6	118,9	139,2	168,8	200,1	221	242	273,8
(55/45/20°C) ΔT 30 = W	20,1	28,8	36,8	44,6	52,1	63,1	73,9	80,7	93,9	113,1	134,9	149,6	164,6	187,4
Water content [lt]	0,7	0,9	1,1	1,3	1,5	1,8	2,1	2,3	2,7	3,3	3,91	4,31	4,71	5,31
Dry Weight [kg]	0,89	1,24	1,59	1,95	2,3	2,83	3,36	3,71	4,41	5,47	6,53	7,23	7,94	9
Exp. [n]	1,329	1,32	1,323	1,326	1,329	1,334	1,339	1,348	1,366	1,393	1,37	1,356	1,341	1,318
Nominal flow rate [kg/h]	3,4	4,9	6,2	7,5	8,8	10,7	12,6	13,8	16,2	19,8	23,4	25,7	28,1	31,6
Radiation quote [%]	19	19	18	18	18	18	17	17	16	16	15	14	14	13
Surface [m ²]	0,09	0,12	0,16	0,2	0,24	0,29	0,35	0,39	0,46	0,58	0,69	0,77	0,84	0,95



5 COLUMNS STANDARD HEIGHTS

Elements Width [mm]	HEIGHTS [mm]													
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
3														
138 mm	W	119	170	217	263	308	374	439	482	566	691	815	897	1102
4														
184 mm	W	159	226	290	351	411	499	586	642	755	922	1086	1196	1470
5														
230 mm	W	199	283	362	439	514	624	732	803	944	1152	1358	1495	1837
6														
276 mm	W	238	339	434	526	616	749	878	964	1133	1382	1630	1794	2204
7														
322 mm	W	278	396	507	614	719	874	1025	1124	1322	1613	1901	2093	2572
8														
368 mm	W	318	452	579	702	822	998	1171	1285	1510	1843	2173	2392	2939
9														
414 mm	W	357	509	652	789	924	1123	1318	1445	1699	2074	2444	2691	3307
10														
460 mm	W	397	565	724	877	1027	1248	1464	1606	1888	2304	2716	2990	3674
11														
506 mm	W	437	622	796	965	1130	1373	1610	1767	2077	2534	2988	3289	4041
12														
552 mm	W	476	678	869	1052	1232	1498	1757	1927	2266	2765	3259	3588	4409
13														
598 mm	W	516	735	941	1140	1335	1622	1903	2088	2454	2995	3531	3887	4776
14														
644 mm	W	556	791	1014	1228	1438	1747	2050	2248	2643	3226	3802	4186	5144
15														
690 mm	W	596	848	1086	1316	1541	1872	2196	2409	2832	3456	4074	4485	5511
16														
736 mm	W	635	904	1158	1403	1643	1997	2342	2570	3021	3686	4346	4784	5878
17														
782 mm	W	675	961	1231	1491	1746	2122	2489	2730	3210	3917	4617	5083	6246
18														
828 mm	W	715	1017	1303	1579	1849	2246	2635	2891	3398	4147	4889	5382	6613
19														
874 mm	W	754	1074	1376	1666	1951	2371	2782	3051	3587	4378	5160	5681	6981
20														
920 mm	W	794	1130	1448	1754	2054	2496	2928	3212	3776	4608	5432	5980	7348
21														
966 mm	W	834	1187	1520	1842	2157	2621	3074	3373	3965	4838	5704	6279	7715
22														
1012 mm	W	873	1243	1593	1929	2259	2746	3221	3533	4154	5069	5975	6578	8083
23														
1058 mm	W	913	1300	1665	2017	2362	2870	3367	3694	4342	5299	6247	6877	8450
24														
1104 mm	W	953	1356	1738	2105	2465	2995	3514	3854	4531	5530	6518	7176	8818
25														
1150 mm	W	993	1413	1810	2193	2568	3120	3660	4015	4720	5760	6790	7475	9185
26														
1196 mm	W	1032	1469	1882	2280	2670	3245	3806	4176	4909	5990	7062	7774	9552
27														
1242 mm	W	1072	1526	1955	2368	2773	3370	3953	4336	5098	6221	7333	8073	9920
28														
1288 mm	W	1112	1582	2027	2456	2876	3494	4099	4497	5286	6451	7605	8372	10287
29														
1344 mm	W	1151	1639	2100	2543	2978	3619	4246	4657	5475	6682	7876	8671	10655
30														
1380 mm	W	1191	1695	2172	2631	3081	3744	4392	4818	5664	6912	8148	8970	11022
31														
1426 mm	W	1231	1752	2244	2719	3184	3869	4538	4979	5853	7142	8420	9269	11389
32														
1472 mm	W	1270	1808	2317	2806	3286	3994	4685	5139	6042	7373	8691	9568	11757
33														
1518 mm	W	1310	1865	2389	2894	3389	4118	4831	5300	6230	7603	8963	9867	12124
34														
1564 mm	W	1350	1921	2462	2982	3492	4243	4978	5460	6419	7834	9234	10166	12492
35														
1610 mm	W	1390	1978	2534	3070	3595	4368	5124	5621	6608	8064	9506	10465	12859
36														
1656 mm	W	1429	2034	2606	3157	3697	4493	5270	5782	6797	8294	9778	10764	13226
37														
1702 mm	W	1469	2091	2679	3245	3800	4618	5417	5942	6986	8525	10049	11063	13594
38														
1748 mm	W	1509	2147	2751	3333	3903	4742	5563	6103	7174	8755	10321	11362	13961
39														
1794 mm	W	1548	2204	2824	3420	4005	4867	5710	6263	7363	8986	10592	11661	14329
40														
1840 mm	W	1588	2260	2896	3508	4108	4992	5856	6424	7552	9216	10864	11960	14696

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nippling operation) with lock key smaller than 1 mt. Each couple of batteries inclusive of 2 nipples and 2 seals. For batteries with more than 70 sections with lateral connection.