



# ARDESIA®

## 5 COLUMNS FOR REPLACEMENT

WARRANTY  
**5 YEARS**

### MATERIAL:

- Moulded heads in mild steel.
- Electro-welded mild steel tubes ø 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:

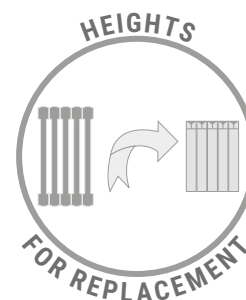
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

### 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



## HOW TO ORDER ARDESIA® 5 COLUMNS

### 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

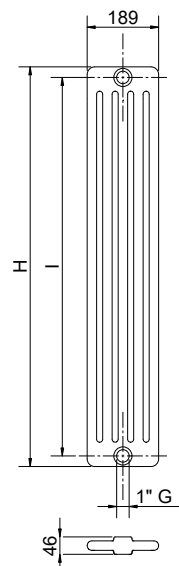
Model and nr of columns E.g.: Ardesia® 5 columns	Nr of Elements E.g.: 22 elements	Height in mm Example: 556 mm	Code of the connection Example: connection 2	Code of the colour Example: F37 - Denim Blue	Constant value
AR5	22	0556	002	F37	A

### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR5** ARDESIA® 5 Columns  
**22** 22 elements  
**0556** Height 556 mm  
**002** connection 2  
**F37** colour F37 - Denim Blue  
**A** (Constant value)  
 The article code will be:  
**AR5 22 0556 002 F37 A**

## TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR and PANEL			
	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Height H [mm]	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
Pipe centres I [mm]	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
(90/70/20°C) ΔT 60 = W	145,3	182,5	122,5	141,5	160,3	178,8	324	358,3	392,4	128,3	135,9	165,9	191,7
(75/65/20°C) ΔT 50 = W	114	143	96,2	111	125,7	140,1	251,9	279,3	306,7	100,7	106,6	130	150,1
(65/55/20°C) ΔT 40 = W	84,7	106,1	71,5	82,5	93,3	103,9	185,1	205,9	226,9	74,8	79,2	96,5	111,3
(55/45/20°C) ΔT 30 = W	57,7	72,2	48,8	56,3	63,6	70,7	124,4	139	153,8	51,1	54	65,7	75,6
Water content [lt]	1,65	2,05	1,41	1,61	1,81	2,01	3,62	4,02	4,42	1,47	1,55	1,87	2,13
Dry Weight [kg]	2,57	3,27	2,14	2,5	2,85	3,2	6,02	6,75	7,45	2,24	2,39	2,97	3,26
Exp. [n]	1,332	1,338	1,328	1,331	1,335	1,338	1,381	1,366	1,351	1,329	1,33	1,335	1,342
Nominal flow rate [kg/h]	9,8	12,3	8,3	9,5	10,8	12	21,7	24	26,4	8,7	9,2	11,2	12,9
Radiation quote [%]	18	17	18	18	18	17	15	15	14	18	18	17	17
Surface [m <sup>2</sup> ]	0,27	0,34	0,22	0,26	0,3	0,33	0,64	0,71	0,79	0,23	0,25	0,31	0,36



# 5 COLUMNS HEIGHTS FOR REPLACEMENT



Elements Width (mm)	CAST IRON			ALUMINIUM							LAMELLAR PANEL			
	H	676	876	556	656	756	856	1656	1856	2056	586	626	786	926
	Pipe centres	620	820	500	600	700	800	1600	1800	2000	530	570	730	870
3														
138 mm	W	342	429	289	333	377	420	756	838	920	302	320	390	450
4														
184 mm	W	456	572	385	444	503	560	1008	1117	1227	403	426	520	600
5														
230 mm	W	570	715	481	555	629	701	1260	1397	1534	504	533	650	751
6														
276 mm	W	684	858	577	666	754	841	1511	1676	1840	604	640	780	901
7														
322 mm	W	798	1001	673	777	880	981	1763	1955	2147	705	746	910	1051
8														
368 mm	W	912	1144	770	888	1006	1121	2015	2234	2454	806	853	1040	1201
9														
414 mm	W	1026	1287	866	999	1131	1261	2267	2514	2760	906	959	1170	1351
10														
460 mm	W	1140	1430	962	1110	1257	1401	2519	2793	3067	1007	1066	1300	1501
11														
506 mm	W	1254	1573	1058	1221	1383	1541	2771	3072	3374	1108	1173	1430	1651
12														
552 mm	W	1368	1716	1154	1332	1508	1681	3023	3352	3680	1208	1279	1560	1801
13														
598 mm	W	1482	1859	1251	1443	1634	1821	3275	3631	3987	1309	1386	1690	1951
14														
644 mm	W	1596	2002	1347	1554	1760	1961	3527	3910	4294	1410	1492	1820	2101
15														
690 mm	W	1710	2145	1443	1665	1886	2102	3779	4190	4601	1511	1599	1950	2252
16														
736 mm	W	1824	2288	1539	1776	2011	2242	4030	4469	4907	1611	1706	2080	2402
17														
782 mm	W	1938	2431	1635	1887	2137	2382	4282	4748	5214	1712	1812	2210	2552
18														
828 mm	W	2052	2574	1732	1998	2263	2522	4534	5027	5521	1813	1919	2340	2702
19														
874 mm	W	2166	2717	1828	2109	2388	2662	4786	5307	5827	1913	2025	2470	2852
20														
920 mm	W	2280	2860	1924	2220	2514	2802	5038	5586	6134	2014	2132	2600	3002
21														
966 mm	W	2394	3003	2020	2331	2640	2942	5290	5865	6441	2115	2239	2730	3152
22														
1012 mm	W	2508	3146	2116	2442	2765	3082	5542	6145	6747	2215	2345	2860	3302
23														
1058 mm	W	2622	3289	2213	2553	2891	3222	5794	6424	7054	2316	2452	2990	3452
24														
1104 mm	W	2736	3432	2309	2664	3017	3362	6046	6703	7361	2417	2558	3120	3602
25														
1150 mm	W	2850	3575	2405	2775	3143	3503	6298	6983	7668	2518	2665	3250	3753
26														
1196 mm	W	2964	3718	2501	2886	3268	3643	6549	7262	7974	2618	2772	3380	3903
27														
1242 mm	W	3078	3861	2597	2997	3394	3783	6801	7541	8281	2719	2878	3510	4053
28														
1288 mm	W	3192	4004	2694	3108	3520	3923	7053	7820	8588	2820	2985	3640	4203
29														
1344 mm	W	3306	4147	2790	3219	3645	4063	7305	8100	8894	2920	3091	3770	4353
30														
1380 mm	W	3420	4290	2886	3330	3771	4203	7557	8379	9201	3021	3198	3900	4503
31														
1426 mm	W	3534	4433	2982	3441	3897	4343	7809	8658	9508	3122	3305	4030	4653
32														
1472 mm	W	3648	4576	3078	3552	4022	4483	8061	8938	9814	3222	3411	4160	4803
33														
1518 mm	W	3762	4719	3175	3663	4148	4623	8313	9217	10121	3323	3518	4290	4953
34														
1564 mm	W	3876	4862	3271	3774	4274	4763	8565	9496	10428	3424	3624	4420	5103
35														
1610 mm	W	3990	5005	3367	3885	4400	4904	8817	9776	10735	3525	3731	4550	5254
36														
1656 mm	W	4104	5148	3463	3996	4525	5044	9068	10055	11041	3625	3838	4680	5404
37														
1702 mm	W	4218	5291	3559	4107	4651	5184	9320	10334	11348	3726	3944	4810	5554
38														
1748 mm	W	4332	5434	3656	4218	4777	5324	9572	10613	11655	3827	4051	4940	5704
39														
1794 mm	W	4446	5577	3752	4329	4902	5464	9824	10893	11961	3927	4157	5070	5854
40														
1840 mm	W	4560	5720	3848	4440	5028	5604	10076	11172	12268	4028	4264	5200	6004

Radiators provided in separate batteries to facilitate transport and installation. Batteries can be joined together (nipping 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.