



ARDESIA®

5 COLUMNS

FOR REPLACEMENT



WARRANTY
5 YEARS

Functioning:	hot water
--------------	-----------

Maximum working pressure	10 bar
Testing conditions	13 bar

Maximum temperature	110°C
Minimum flow in % of the nominal flow rate:	18

Hub	1"
Section width	46 mm

MATERIAL:

- Pressed heads in carbon steel sheet.
- Welded carbon steel tube ø 25 mm.

PACKAGING:

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

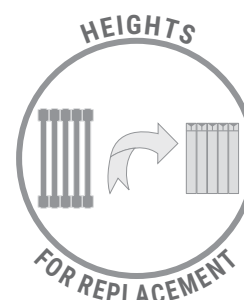
PAINTING PROCESS:

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

COLOURS:

Standard white RAL 9010 - R01. For other colours see Colour chart chapter.

CERTIFICATIONS



HOW TO ORDER ARDESIA® 5 COLUMNS

ARTICLE NR. STRUCTURE

Model and nr COLUMNS	Elements nr.	Height in mm	Article code of the connection	Article code of the colour	Constant value
AAA	BB	CCCC	DDD	EEE	A

EXAMPLE

Model and nr COLUMNS E.g.: Ardesia® 5 COLUMNS	Numero elements E.g.: 22 elements	Height in mm Example: 556 mm	Article code of the connection Example: connection 2	Article 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 (see the table shown on the side)

0556 Height 556 mm (see the table shown on the side)

002 connection 2

F37 colour F37 - Denim Blue

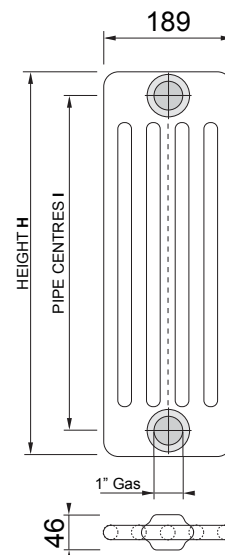
A (Constant value)

The article code will be:

AR5 22 0556 002 F37 A

TECHNICAL DATA PER SECTION

	CAST IRON		ALUMINIUM							LAMELLAR e PANEL			
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 [m²]	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



N° OF SECTIONS 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	W	342	429	289	333	377	420	756	838	920	302	320	390	450	
4				385	444	503	560	1008	1117	1227	403	426	520	600	
184 mm				481	555	629	701	1260	1397	1534	504	533	650	751	
5	W	570	715	577	666	754	841	1511	1676	1840	604	640	780	901	
6				673	777	880	981	1763	1955	2147	705	746	910	1051	
276 mm				770	888	1006	1121	2015	2234	2454	806	853	1040	1201	
7	W	912	1144	866	999	1131	1261	2267	2514	2760	906	959	1170	1351	
8				962	1110	1257	1401	2519	2793	3067	1007	1066	1300	1501	
368 mm				1058	1221	1383	1541	2771	3072	3374	1108	1173	1430	1651	
9	W	1254	1573	1154	1332	1508	1681	3023	3352	3680	1208	1279	1560	1801	
10				1251	1443	1634	1821	3275	3631	3987	1309	1386	1690	1951	
506 mm				1347	1554	1760	1961	3527	3910	4294	1410	1492	1820	2101	
11	W	1596	2002	1443	1665	1886	2102	3779	4190	4601	1511	1599	1950	2252	
12				1539	1776	2011	2242	4030	4469	4907	1611	1706	2080	2402	
414 mm				1635	1887	2137	2382	4282	4748	5214	1712	1812	2210	2552	
13	W	1710	2145	1732	1998	2263	2522	4534	5027	5521	1813	1919	2340	2702	
14				1828	2109	2388	2662	4786	5307	5827	1913	2025	2470	2852	
598 mm				1924	2220	2514	2802	5038	5586	6134	2014	2132	2600	3002	
15	W	1824	2288	2020	2331	2640	2942	5290	5865	6441	2115	2239	2730	3152	
16				2116	2442	2765	3082	5542	6145	6747	2215	2345	2860	3302	
736 mm				2213	2553	2891	3222	5794	6424	7054	2316	2452	2990	3452	
17	W	1938	2431	2309	2664	3017	3362	6046	6703	7361	2417	2558	3120	3602	
18				2405	2775	3143	3503	6298	6983	7668	2518	2665	3250	3753	
828 mm				2501	2886	3268	3643	6549	7262	7974	2618	2772	3380	3903	
19	W	2052	2574	2597	2997	3394	3783	6801	7541	8281	2719	2878	3510	4053	
20				2694	3108	3520	3923	7053	7820	8588	2820	2985	3640	4203	
874 mm				2790	3219	3645	4063	7305	8100	8894	2920	3091	3770	4353	
21	W	2280	2860	2886	3330	3771	4203	7557	8379	9201	3021	3198	3900	4503	
22				2982	3441	3897	4343	7809	8658	9508	3122	3305	4030	4653	
920 mm				3078	3552	4022	4483	8061	8938	9814	3222	3411	4160	4803	
23	W	2394	3003	3175	3663	4148	4623	8313	9217	10121	3323	3518	4290	4953	
24				3271	3774	4274	4763	8565	9496	10428	3424	3624	4420	5103	
1012 mm				3367	3885	4400	4904	8817	9776	10735	3525	3731	4550	5254	
25	W	2508	3146	3463	3996	4525	5044	9068	10055	11041	3625	3838	4680	5404	
26				3559	4107	4651	5184	9320	10334	11348	3726	3944	4810	5554	
1058 mm				3656	4218	4777	5324	9572	10613	11655	3827	4051	4940	5704	
27	W	2622	3289	3752	4329	4902	5464	9824	10893	11961	3927	4157	5070	5854	
28															
1104 mm															
29	W	2736	3432	3848	4440	5028	5604	10076	11172	12268	4028	4264	5200	6004	
30															
1150 mm															
31	W	2850	3575												
32															
1196 mm															
33	W	2964	3718												
34															
1242 mm															
35	W	3078	3861												
36															
1288 mm															
37	W	3192	4004												
38															
1344 mm															
39	W	3306	4147												
40															
1380 mm															
41	W	3420	4290												
42															
1426 mm															
43	W	3534	4433												
44															
1472 mm															
45	W	3648	4576												
46															
1518 mm															
47	W	3762	4719												
48															
1564 mm															
49	W	3876	4862												
50															
1610 mm															
51	W	3990	5005												
52															
1656 mm															
53	W	4104	5148												
54															
1702 mm															
55	W	4218	5291												
56															
1748 mm															
57	W	4332	5434												
58															
1794 mm															
59	W	4446	5577												
60															
1840 mm															

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. (With surcharge). For batteries with more than 70 sections with lateral connection, see probes kit at Accessories chapter