



# ARDESIA®

## 4 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:

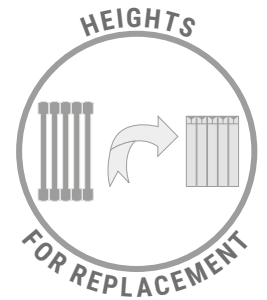
Painted with ecological epoxy powders (Certificate DIN 55900-1,-2).

#### 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® 4 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

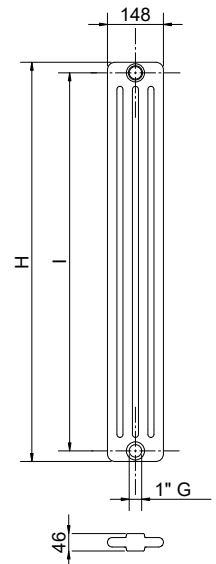
Model and nr of columns E.g.: Ardesia® 4 columns	Nr of Elements E.g.: 18 elements	Height in mm Example: 876 mm	Code of the connection Example: connection 2	Code of the colour Example: S20 - Jasmine	Constant value
AR4	18	0876	002	S20	A

##### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:  
**AR4** ARDESIA® 4 COLUMNS  
**18** 18 elements  
**0876** Height 876 mm  
**002** connection 2  
**S20** colour S20 - Jasmine  
**A** (Constant value)  
 The article code will be:  
**AR4 18 0876 002 S20 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	119,6	151	100,6	116,5	132,2	147,9	268	298,7	329,6	105,4	111,7	136,9	158,7
(75/65/20°C) ΔT 50 = W	94	118	79,3	91,6	103,6	115,6	209,7	233,3	256,9	83	87,9	107,2	123,9
(65/55/20°C) ΔT 40 = W	70	87,2	59,3	68,2	76,9	85,5	155,3	172,3	189,4	62	65,5	79,5	91,5
(55/45/20°C) ΔT 30 = W	47,8	59,1	40,7	46,6	52,4	58	105,5	116,7	127,8	42,5	44,9	54,1	61,9
Water content [lt]	1,32	1,65	1,13	1,29	1,45	1,61	2,9	3,22	3,54	1,18	1,24	1,5	1,7
Dry Weight [kg]	2,05	2,61	1,71	1,99	2,28	2,56	4,81	5,4	5,96	1,79	1,91	2,37	2,6
Exp. [n]	1,324	1,355	1,305	1,32	1,336	1,352	1,346	1,356	1,366	1,309	1,316	1,341	1,358
Nominal flow rate [kg/h]	8,1	10,1	6,8	7,9	8,9	9,9	18	20,1	22,1	7,1	7,6	9,2	10,7
Radiation quote [%]	19	19	19	19	19	19	17	16	16	19	19	19	18
Surface [m <sup>2</sup> ]	0,21	0,27	0,18	0,21	0,24	0,27	0,51	0,57	0,63	0,19	0,2	0,25	0,29



# 4 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	282	354	238	275	311	347	629	700	771	249	264	322	372
4														
184 mm	W	376	472	317	366	414	462	839	933	1028	332	352	429	496
5														
230 mm	W	470	590	397	458	518	578	1049	1167	1285	415	440	536	620
6														
276 mm	W	564	708	476	550	622	694	1258	1400	1541	498	527	643	743
7														
322 mm	W	658	826	555	641	725	809	1468	1633	1798	581	615	750	867
8														
368 mm	W	752	944	634	733	829	925	1678	1866	2055	664	703	858	991
9														
414 mm	W	846	1062	714	824	932	1040	1887	2100	2312	747	791	965	1115
10														
460 mm	W	940	1180	793	916	1036	1156	2097	2333	2569	830	879	1072	1239
11														
506 mm	W	1034	1298	872	1008	1140	1272	2307	2566	2826	913	967	1179	1363
12														
552 mm	W	1128	1416	952	1099	1243	1387	2516	2800	3083	996	1055	1286	1487
13														
598 mm	W	1222	1534	1031	1191	1347	1503	2726	3033	3340	1079	1143	1394	1611
14														
644 mm	W	1316	1652	1110	1282	1450	1618	2936	3266	3597	1162	1231	1501	1735
15														
690 mm	W	1410	1770	1190	1374	1554	1734	3146	3500	3854	1245	1319	1608	1859
16														
736 mm	W	1504	1888	1269	1466	1658	1850	3355	3733	4110	1328	1406	1715	1982
17														
782 mm	W	1598	2006	1348	1557	1761	1965	3565	3966	4367	1411	1494	1822	2106
18														
828 mm	W	1692	2124	1427	1649	1865	2081	3775	4199	4624	1494	1582	1930	2230
19														
874 mm	W	1786	2242	1507	1740	1968	2196	3984	4433	4881	1577	1670	2037	2354
20														
920 mm	W	1880	2360	1586	1832	2072	2312	4194	4666	5138	1660	1758	2144	2478
21														
966 mm	W	1974	2478	1665	1924	2176	2428	4404	4899	5395	1743	1846	2251	2602
22														
1012 mm	W	2068	2596	1745	2015	2279	2543	4613	5133	5652	1826	1934	2358	2726
23														
1058 mm	W	2162	2714	1824	2107	2383	2659	4823	5366	5909	1909	2022	2466	2850
24														
1104 mm	W	2256	2832	1903	2198	2486	2774	5033	5599	6166	1992	2110	2573	2974
25														
1150 mm	W	2350	2950	1983	2290	2590	2890	5243	5833	6423	2075	2198	2680	3098
26														
1196 mm	W	2444	3068	2062	2382	2694	3006	5452	6066	6679	2158	2285	2787	3221
27														
1242 mm	W	2538	3186	2141	2473	2797	3121	5662	6299	6936	2241	2373	2894	3345
28														
1288 mm	W	2632	3304	2220	2565	2901	3237	5872	6532	7193	2324	2461	3002	3469
29														
1344 mm	W	2726	3422	2300	2656	3004	3352	6081	6766	7450	2407	2549	3109	3593
30														
1380 mm	W	2820	3540	2379	2748	3108	3468	6291	6999	7707	2490	2637	3216	3717
31														
1426 mm	W	2914	3658	2458	2840	3212	3584	6501	7232	7964	2573	2725	3323	3841
32														
1472 mm	W	3008	3776	2538	2931	3315	3699	6710	7466	8221	2656	2813	3430	3965
33														
1518 mm	W	3102	3894	2617	3023	3419	3815	6920	7699	8478	2739	2901	3538	4089
34														
1564 mm	W	3196	4012	2696	3114	3522	3930	7130	7932	8735	2822	2989	3645	4213
35														
1610 mm	W	3290	4130	2776	3206	3626	4046	7340	8166	8992	2905	3077	3752	4337
36														
1656 mm	W	3384	4248	2855	3298	3730	4162	7549	8399	9248	2988	3164	3859	4460
37														
1702 mm	W	3478	4366	2934	3389	3833	4277	7759	8632	9505	3071	3252	3966	4584
38														
1748 mm	W	3572	4484	3013	3481	3937	4393	7969	8865	9762	3154	3340	4074	4708
39														
1794 mm	W	3666	4602	3093	3572	4040	4508	8178	9099	10019	3237	3428	4181	4832
40														
1840 mm	W	3760	4720	3172	3664	4144	4624	8388	9332	10276	3320	3516	4288	4956

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 80 sections with lateral connection.