



ARDESIA®

4 COLUMNS



WARRANTY
5 YEARS

Functioning:	hot water
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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 \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:

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

CERTIFICATIONS



HOW TO ORDER ARDESIA® 4 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® 4 COLUMNS	Numero elements E.g.: 12 elements	Height in mm Example: 1200 mm	Article code of the connection Example: connection M2	Article code of the colour Example: H04 - Ice	Constant value
AR4	12	1200	M02	H04	A

EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

AR4 ARDESIA® 4 COLUMNS

12 12 elements (see the table shown on the side)

1200 Height 1200 mm (see the table shown on the side)

M02 connection M2

H04 colour H04-Ice

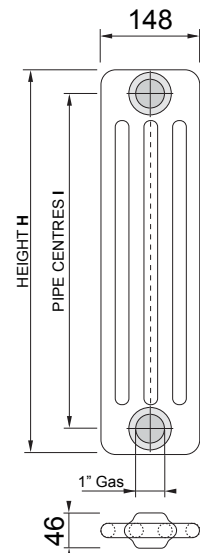
A (Constant value)

The article code will be:

AR4 12 1200 M02 H04 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	40,7	58,9	75,5	91,7	107,6	131,3	154,8	169,9	199,7	244,3	290,1	320,9	352,1	399,6
(75/65/20°C) ΔT 50 = W	32	46,8	59,8	72,4	84,7	102,9	120,8	132,7	156,2	191,4	226,6	250,3	274,1	310,2
(65/55/20°C) ΔT 40 = W	23,9	35,3	44,9	54,2	63,2	76,4	89,2	98,1	115,6	142	167,6	184,6	201,7	227,5
(55/45/20°C) ΔT 30 = W	16,3	24,5	31,1	37,3	43,4	52	60,4	66,4	78,5	96,6	113,5	124,7	135,9	152,5
Water Content [lt]	0,56	0,72	0,88	1,04	1,2	1,44	1,68	1,84	2,17	2,65	3,13	3,45	3,77	4,25
Dry Weight [kg]	0,71	0,99	1,27	1,55	1,84	2,26	2,68	2,96	3,53	4,37	5,22	5,78	6,35	7,19
Exp. [n]	1,317	1,265	1,28	1,296	1,312	1,335	1,359	1,355	1,348	1,338	1,353	1,364	1,374	1,389
Nominal flow rate [kg/h]	2,8	4	5,1	6,2	7,3	8,8	10,4	11,4	13,4	16,5	19,5	21,5	23,6	26,7
Radiation quote [%]	20	20	19	19	19	19	18	18	18	17	17	16	16	15
Surface [m²]	0,07	0,1	0,13	0,16	0,19	0,23	0,28	0,31	0,37	0,46	0,55	0,61	0,67	0,76



4 COLUMNS STANDARD HEIGHTS

N° OF SECTIONS WIDTH [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3	W	96	140	179	217	254	309	362	398	469	574	680	751	822	931
138 mm															
4	W	128	187	239	290	339	412	483	531	625	766	906	1001	1096	1241
184 mm															
5	W	160	234	299	362	424	515	604	664	781	957	1133	1252	1371	1551
230 mm															
6	W	192	281	359	434	508	617	725	796	937	1148	1360	1502	1645	1861
276 mm															
7	W	224	328	419	507	593	720	846	929	1093	1340	1586	1752	1919	2171
322 mm															
8	W	256	374	478	579	678	823	966	1062	1250	1531	1813	2002	2193	2482
368 mm															
9	W	288	421	538	652	762	926	1087	1194	1406	1723	2039	2253	2467	2792
414 mm															
10	W	320	468	598	724	847	1029	1208	1327	1562	1914	2266	2503	2741	3102
460 mm															
11	W	352	515	658	796	932	1132	1329	1460	1718	2105	2493	2753	3015	3412
506 mm															
12	W	384	562	718	869	1016	1235	1450	1592	1874	2297	2719	3004	3289	3722
552 mm															
13	W	416	608	777	941	1101	1338	1570	1725	2031	2488	2946	3254	3563	4033
598 mm															
14	W	448	655	837	1014	1186	1441	1691	1858	2187	2680	3172	3504	3837	4343
644 mm															
15	W	480	702	897	1086	1271	1544	1812	1991	2343	2871	3399	3755	4112	4653
690 mm															
16	W	512	749	957	1158	1355	1646	1933	2123	2499	3062	3626	4005	4386	4963
736 mm															
17	W	544	796	1017	1231	1440	1749	2054	2256	2655	3254	3852	4255	4660	5273
782 mm															
18	W	576	842	1076	1303	1525	1852	2174	2389	2812	3445	4079	4505	4934	5584
828 mm															
19	W	608	889	1136	1376	1609	1955	2295	2521	2968	3637	4305	4756	5208	5894
874 mm															
20	W	640	936	1196	1448	1694	2058	2416	2654	3124	3828	4532	5006	5482	6204
920 mm															
21	W	672	983	1256	1520	1779	2161	2537	2787	3280	4019	4759	5256	5756	6514
966 mm															
22	W	704	1030	1316	1593	1863	2264	2658	2919	3436	4211	4985	5507	6030	6824
1012 mm															
23	W	736	1076	1375	1665	1948	2367	2778	3052	3593	4402	5212	5757	6304	7135
1058 mm															
24	W	768	1123	1435	1738	2033	2470	2899	3185	3749	4594	5438	6007	6578	7445
1104 mm															
25	W	800	1170	1495	1810	2118	2573	3020	3318	3905	4785	5665	6258	6853	7755
1150 mm															
26	W	832	1217	1555	1882	2202	2675	3141	3450	4061	4976	5892	6508	7127	8065
1196 mm															
27	W	864	1264	1615	1955	2287	2778	3262	3583	4217	5168	6118	6758	7401	8375
1242 mm															
28	W	896	1310	1674	2027	2372	2881	3382	3716	4374	5359	6345	7008	7675	8686
1288 mm															
29	W	928	1357	1734	2100	2456	2984	3503	3848	4530	5551	6571	7259	7949	8996
1344 mm															
30	W	960	1404	1794	2172	2541	3087	3624	3981	4686	5742	6798	7509	8223	9306
1380 mm															
31	W	992	1451	1854	2244	2626	3190	3745	4114	4842	5933	7025	7759	8497	9616
1426 mm															
32	W	1024	1498	1914	2317	2710	3293	3866	4246	4998	6125	7251	8010	8771	9926
1472 mm															
33	W	1056	1544	1973	2389	2795	3396	3986	4379	5155	6316	7478	8260	9045	10237
1518 mm															
34	W	1088	1591	2033	2462	2880	3499	4107	4512	5311	6508	7704	8510	9319	10547
1564 mm															
35	W	1120	1638	2093	2534	2965	3602	4228	4645	5467	6699	7931	8761	9594	10857
1610 mm															
36	W	1152	1685	2153	2606	3049	3704	4349	4777	5623	6890	8158	9011	9868	11167
1656 mm															
37	W	1184	1732	2213	2679	3134	3807	4470	4910	5779	7082	8384	9261	10142	11477
1702 mm															
38	W	1216	1778	2272	2751	3219	3910	4590	5043	5936	7273	8611	9511	10416	11788
1748 mm															
39	W	1248	1825	2332	2824	3303	4013	4711	5175	6092	7465	8837	9762	10690	12098
1794 mm															
40	W	1280	1872	2392	2896	3388	4116	4832	5308	6248	7656	9064	10012	10964	12408
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 80 sections with lateral connection, see probes kit at Accessories chapter