



# ARDESIA® 2 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® 2 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® 2 COLUMNS	Numero elements E.g.: 19 elements	Height in mm Example: 207 mm	Article code of the connection Example: connection D1	Article code of the colour Example: H48-Dove	Constant value
AR2	19	0207	D01	H48	A

#### EXAMPLE OF ARTICLE CODE CREATION

In the case of a radiator:

**AR2**..... ARDESIA® 2 COLUMNS

**19**..... 19 elements (see the table shown on the side)

**0207**..... Height 207 mm (see the table shown on the side)

**D01**..... connection D1

**H48**..... colour H48-Dove

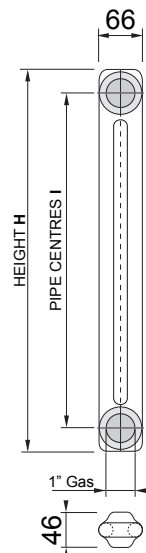
**A**..... (Constant value)

The article code will be:

**AR2 19 0207 D01 H48 A**

## TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500
Pipe Centres l [mm]	151	244	344	444	544	694	844	944	1144	1444	1744	1944	2144	2444
(90/70/20°C) $\Delta T$ 60 = W	22,2	32,1	41,5	50,6	59,6	73,2	86,9	95,9	114,3	142,6	171,7	191,7	212,3	244,4
<b>(75/65/20°C) <math>\Delta T</math> 50 = W</b>	<b>17,5</b>	<b>25,6</b>	<b>33</b>	<b>40,1</b>	<b>47,1</b>	<b>57,6</b>	<b>68,1</b>	<b>75,2</b>	<b>89,5</b>	<b>111,4</b>	<b>134,1</b>	<b>149,8</b>	<b>165,9</b>	<b>190,9</b>
(65/55/20°C) $\Delta T$ 40 = W	13,1	19,4	24,9	30,2	35,3	43	50,6	55,8	66,3	82,3	99,1	110,7	122,6	141,1
(55/45/20°C) $\Delta T$ 30 = W	9	13,5	17,3	20,9	24,4	29,5	34,5	38	45,1	55,8	67,1	75	83	95,5
Water Content [lt]	0,29	0,37	0,45	0,53	0,61	0,73	0,85	0,93	1,09	1,33	1,58	1,74	1,9	2,14
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,91	1,12	1,33	1,48	1,76	2,18	2,6	2,89	3,17	3,59
Exp. [n]	1,303	1,247	1,261	1,275	1,289	1,31	1,331	1,335	1,343	1,355	1,355	1,355	1,355	1,355
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	4,1	5	5,9	6,5	7,7	9,6	11,5	12,9	14,3	16,4
Radiation quote [%]	30	25	25	25	24	24	24	24	23	23	22	22	22	22
Surface [m <sup>2</sup> ]	0,03	0,05	0,06	0,08	0,09	0,12	0,14	0,15	0,18	0,23	0,28	0,31	0,34	0,38



# 2 COLUMNS STANDARD HEIGHTS

N° OF SECTIONS WIDTH [mm]	HEIGHTS [mm]														
	207	300	400	500	600	750	900	1000	1200	1500	1800	2000	2200	2500	
3 138 mm	W	53	77	99	120	141	173	204	226	269	334	402	449	498	573
4 184 mm	W	70	102	132	160	188	230	272	301	358	446	536	599	664	764
5 230 mm	W	88	128	165	201	236	288	341	376	448	557	671	749	830	955
6 276 mm	W	105	154	198	241	283	346	409	451	537	668	805	899	995	1145
7 322 mm	W	123	179	231	281	330	403	477	526	627	780	939	1049	1161	1336
8 368 mm	W	140	205	264	321	377	461	545	602	716	891	1073	1198	1327	1527
9 414 mm	W	158	230	297	361	424	518	613	677	806	1003	1207	1348	1493	1718
10 460 mm	W	175	256	330	401	471	576	681	752	895	1114	1341	1498	1659	1909
11 506 mm	W	193	282	363	441	518	634	749	827	985	1225	1475	1648	1825	2100
12 552 mm	W	210	307	396	481	565	691	817	902	1074	1337	1609	1798	1991	2291
13 598 mm	W	228	333	429	521	612	749	885	978	1164	1448	1743	1947	2157	2482
14 644 mm	W	245	358	462	561	659	806	953	1053	1253	1560	1877	2097	2323	2673
15 690 mm	W	263	384	495	602	707	864	1022	1128	1343	1671	2012	2247	2489	2864
16 736 mm	W	280	410	528	642	754	922	1090	1203	1432	1782	2146	2397	2654	3054
17 782 mm	W	298	435	561	682	801	979	1158	1278	1522	1894	2280	2547	2820	3245
18 828 mm	W	315	461	594	722	848	1037	1226	1354	1611	2005	2414	2696	2986	3436
19 874 mm	W	333	486	627	762	895	1094	1294	1429	1701	2117	2548	2846	3152	3627
20 920 mm	W	350	512	660	802	942	1152	1362	1504	1790	2228	2682	2996	3318	3818
21 966 mm	W	368	538	693	842	989	1210	1430	1579	1880	2339	2816	3146	3484	4009
22 1012 mm	W	385	563	726	882	1036	1267	1498	1654	1969	2451	2950	3296	3650	4200
23 1058 mm	W	403	589	759	922	1083	1325	1566	1730	2059	2562	3084	3445	3816	4391
24 1104 mm	W	420	614	792	962	1130	1382	1634	1805	2148	2674	3218	3595	3982	4582
25 1150 mm	W	438	640	825	1003	1178	1440	1703	1880	2238	2785	3353	3745	4148	4773
26 1196 mm	W	455	666	858	1043	1225	1498	1771	1955	2327	2896	3487	3895	4313	4963
27 1242 mm	W	473	691	891	1083	1272	1555	1839	2030	2417	3008	3621	4045	4479	5154
28 1288 mm	W	490	717	924	1123	1319	1613	1907	2106	2506	3119	3755	4194	4645	5345
29 1344 mm	W	508	742	957	1163	1366	1670	1975	2181	2596	3231	3889	4344	4811	5536
30 1380 mm	W	525	768	990	1203	1413	1728	2043	2256	2685	3342	4023	4494	4977	5727
31 1426 mm	W	543	794	1023	1243	1460	1786	2111	2331	2775	3453	4157	4644	5143	5918
32 1472 mm	W	560	819	1056	1283	1507	1843	2179	2406	2864	3565	4291	4794	5309	6109
33 1518 mm	W	578	845	1089	1323	1554	1901	2247	2482	2954	3676	4425	4943	5475	6300
34 1564 mm	W	595	870	1122	1363	1601	1958	2315	2557	3043	3788	4559	5093	5641	6491
35 1610 mm	W	613	896	1155	1404	1649	2016	2384	2632	3133	3899	4694	5243	5807	6682
36 1656 mm	W	630	922	1188	1444	1696	2074	2452	2707	3222	4010	4828	5393	5972	6872
37 1702 mm	W	648	947	1221	1484	1743	2131	2520	2782	3312	4122	4962	5543	6138	7063
38 1748 mm	W	665	973	1254	1524	1790	2189	2588	2858	3401	4233	5096	5692	6304	7254
39 1794 mm	W	683	998	1287	1564	1837	2246	2656	2933	3491	4345	5230	5842	6470	7445
40 1840 mm	W	700	1024	1320	1604	1884	2304	2724	3008	3580	4456	5364	5992	6636	7636

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 85 sections with lateral connection, see probes kit at Accessories chapter