



Color: F39 Balmoral grey

MATERIAL:

- Moulded heads in mild steel.
- Ø 25 mm electro-welded mild steel tubes.

PACKAGING:

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

PAINTING PROCESS:

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

COLORS:

See color chart.

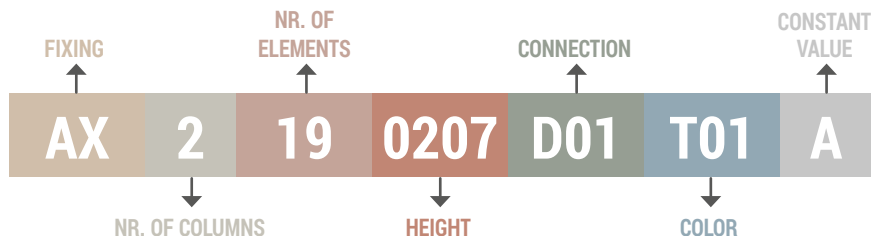
FUNCTIONING	MAXIMUM TEMPERATURE	MINIMUM FLOW IN % OF THE NOMINAL FLOW RATE
Hot water	110 °C	18
MAXIMUM WORKING PRESSURE		TESTING CONDITIONS
10 bar		13 bar
HUB	SECTION WIDTH	
1"	46 mm	

CERTIFICATES



HOW TO ORDER ARDESIA® TUBULAR 2 COLUMNS

EXAMPLE OF CODE COMPOSITION



EXAMPLE OF ARTICLE CODE

AX 2 19 0207 D01 T01 A

Ardesia® 2 columns - 19 el. - H 207

- Rapid fixing kit AX

- Connection D01

- Color T01

PRICE AND TECHNICAL DATA PER SECTION

Height H [mm]	207	300	400	500	556	586	600	626	656	676	750	756	786	856
Pipe Centres I [mm]	151	244	344	444	500	530	544	570	600	620	694	700	730	800
(90/70/20°C) ΔT 60 = W	22,2	32,1	41,5	50,6	55,6	58,3	59,6	61,9	64,7	66,5	73,2	73,7	76,4	82,8
(75/65/20°C) ΔT 50 = W	17,5	25,6	33	40,1	44	46,1	47,1	48,9	51	52,4	57,6	58	60,1	65,1
(55/45/20°C) ΔT 30 = W	9	13,5	17,3	20,9	22,9	23,9	24,4	25,3	26,3	27	29,5	29,7	30,7	33,1
Water content [lt]	0,29	0,37	0,45	0,53	0,58	0,6	0,61	0,63	0,66	0,67	0,73	0,74	0,76	0,82
Dry Weight [kg]	0,35	0,49	0,63	0,77	0,85	0,89	0,91	0,95	0,99	1,02	1,12	1,13	1,18	1,27
Exp. [n]	1,303	1,247	1,261	1,275	1,283	1,287	1,289	1,292	1,297	1,299	1,31	1,311	1,315	1,324
Nominal flow rate [kg/h]	1,5	2,2	2,8	3,4	3,8	4	4,1	4,2	4,4	4,5	5	5	5,2	5,6
Radiation quote [%]	30	25	25	25	25	25	24	25	25	24	24	24	25	24
Surface [m²]	0,03	0,05	0,06	0,08	0,09	0,09	0,09	0,12	0,1	0,11	0,12	0,12	0,1	0,13

HEIGHTS FOR REPLACEMENT



Pipe Centres for replacing
CAST IRON radiators

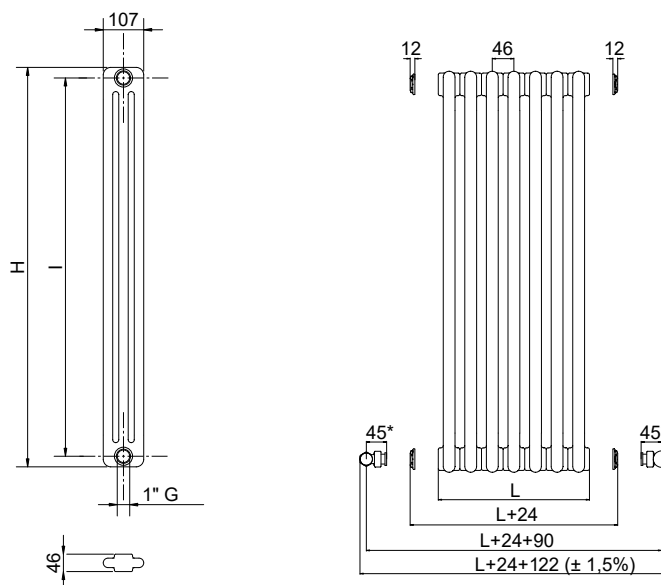


Pipe Centres for replacing
ALUMINIUM radiators



Pipe Centres for replacing
LAMELLAR and PANEL radiators

ardesia® 2 COLUMNS



*Quotes for Kristal valves

Measurements on the drawing are in mm

FIXING

AR

WITHOUT FIXING KIT

AX

RAPID FIXING KIT

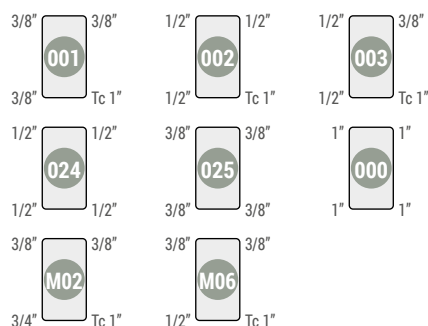


AW

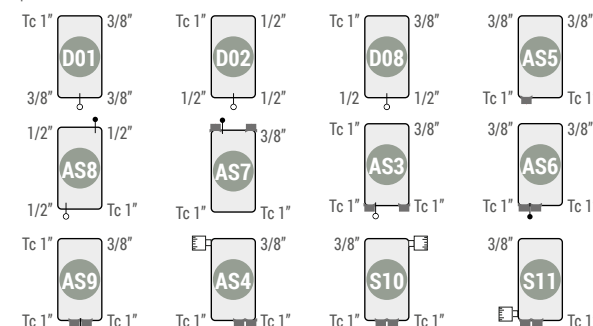
MINIMAL FIXING KIT



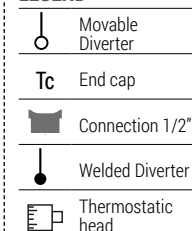
CONNECTIONS



Specials

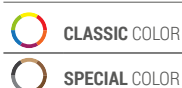


LEGEND



876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500	Height H [mm]
820	844	870	944	1144	1444	1600	1744	1800	1944	2000	2144	2444	Pipe Centres I [mm]
84,7	86,9	89,2	95,9	114,3	142,6	157,6	171,7	177,2	191,7	197,4	212,3	244,4	(90/70/20°C) ΔT 60 = W
66,5	68,1	70	75,2	89,5	111,4	123,1	134,1	138,4	149,8	154,2	165,9	190,9	(75/65/20°C) ΔT 50 = W
33,7	34,5	35,4	38	45,1	55,8	61,6	67,1	69,3	75	77,2	83	95,5	(55/45/20°C) ΔT 30 = W
0,83	0,85	0,78	0,93	1,09	1,33	1,46	1,58	1,62	1,74	1,78	1,9	2,14	Water content [lt]
1,3	1,33	1,29	1,48	1,76	2,18	2,4	2,6	2,69	2,89	2,98	3,17	3,59	Dry Weight [kg]
1,327	1,331	1,332	1,335	1,343	1,355	1,355	1,355	1,355	1,355	1,355	1,355	1,355	Exp. [n]
5,7	5,9	6	6,5	7,7	9,6	10,6	11,5	11,9	12,9	13,3	14,3	16,4	Nominal flow rate [kg/h]
24	24	24	24	23	23	23	22	23	22	23	22	22	Radiation quote [%]
0,14	0,14	0,14	0,15	0,18	0,23	0,25	0,28	0,28	0,31	0,31	0,34	0,38	Surface [m²]

SURCHARGE COLORS



SURCHARGE SPECIAL CONNECTIONS



SURCHARGE FIXING KIT



ardesia® 2 COLUMNS



WARRANTY 5 YEARS

ELEMENTS		HEIGHTS [mm]													
Width [mm]		207	300	400	500	556	586	600	626	656	676	750	756	786	856
3															
138 mm	W	53	77	99	120	132	138	141	147	153	157	173	174	180	195
4															
184 mm	W	70	102	132	160	176	184	188	196	204	210	230	232	240	260
5															
230 mm	W	88	128	165	201	220	231	236	245	255	262	288	290	301	326
6															
276 mm	W	105	154	198	241	264	277	283	293	306	314	346	348	361	391
7															
322 mm	W	123	179	231	281	308	323	330	342	357	367	403	406	421	456
8															
368 mm	W	140	205	264	321	352	369	377	391	408	419	461	464	481	521
9															
414 mm	W	158	230	297	361	396	415	424	440	459	472	518	522	541	586
10															
460 mm	W	175	256	330	401	440	461	471	489	510	524	576	580	601	651
11															
506 mm	W	193	282	363	441	484	507	518	538	561	576	634	638	661	716
12															
552 mm	W	210	307	396	481	528	553	565	587	612	629	691	696	721	781
13															
598 mm	W	228	333	429	521	572	599	612	636	663	681	749	754	781	846
14															
644 mm	W	245	358	462	561	616	645	659	685	714	734	806	812	841	911
15															
690 mm	W	263	384	495	602	660	692	707	734	765	786	864	870	902	977
16															
736 mm	W	280	410	528	642	704	738	754	782	816	838	922	928	962	1042
17															
782 mm	W	298	435	561	682	748	784	801	831	867	891	979	986	1022	1107
18															
828 mm	W	315	461	594	722	792	830	848	880	918	943	1037	1044	1082	1172
19															
874 mm	W	333	486	627	762	836	876	895	929	969	996	1094	1102	1142	1237
20															
920 mm	W	350	512	660	802	880	922	942	978	1020	1048	1152	1160	1202	1302
21															
966 mm	W	368	538	693	842	924	968	989	1027	1071	1100	1210	1218	1262	1367
22															
1012 mm	W	385	563	726	882	968	1014	1036	1076	1122	1153	1267	1276	1322	1432
23															
1058 mm	W	403	589	759	922	1012	1060	1083	1125	1173	1205	1325	1334	1382	1497
24															
1104 mm	W	420	614	792	962	1056	1106	1130	1174	1224	1258	1382	1392	1442	1562
25															
1150 mm	W	438	640	825	1003	1100	1153	1178	1223	1275	1310	1440	1450	1503	1628
26															
1196 mm	W	455	666	858	1043	1144	1199	1225	1271	1326	1362	1498	1508	1563	1693
27															
1242 mm	W	473	691	891	1083	1188	1245	1272	1320	1377	1415	1555	1566	1623	1758
28															
1288 mm	W	490	717	924	1123	1232	1291	1319	1369	1428	1467	1613	1624	1683	1823
29															
1344 mm	W	508	742	957	1163	1276	1337	1366	1418	1479	1520	1670	1682	1743	1888
30															
1380 mm	W	525	768	990	1203	1320	1383	1413	1467	1530	1572	1728	1740	1803	1953
31															
1426 mm	W	543	794	1023	1243	1364	1429	1460	1516	1581	1624	1786	1798	1863	2018
32															
1472 mm	W	560	819	1056	1283	1408	1475	1507	1565	1632	1677	1843	1856	1923	2083
33															
1518 mm	W	578	845	1089	1323	1452	1521	1554	1614	1683	1729	1901	1914	1983	2148
34															
1564 mm	W	595	870	1122	1363	1496	1567	1601	1663	1734	1782	1958	1972	2043	2213
35															
1610 mm	W	613	896	1155	1404	1540	1614	1649	1712	1785	1834	2016	2030	2104	2279
36															
1656 mm	W	630	922	1188	1444	1584	1660	1696	1760	1836	1886	2074	2088	2164	2344
37															
1702 mm	W	648	947	1221	1484	1628	1706	1743	1809	1887	1939	2131	2146	2224	2409
38															
1748 mm	W	665	973	1254	1524	1672	1752	1790	1858	1938	1991	2189	2204	2284	2474
39															
1794 mm	W	683	998	1287	1564	1716	1798	1837	1907	1989	2044	2246	2262	2344	2539
40															
1840 mm	W	700	1024	1320	1604	1760	1844	1884	1956	2040	2096	2304	2320	2404	2604

ardesia® 2 columns



ELEMENTS		HEIGHTS [mm]												
Width [mm]		876	900	926	1000	1200	1500	1656	1800	1856	2000	2056	2200	2500
3														
138 mm	W	200	204	200	226	269	334	369	402	415	449	463	498	573
4														
184 mm	W	266	272	266	301	358	446	492	536	554	599	617	664	764
5														
230 mm	W	333	341	333	376	448	557	616	671	692	749	771	830	955
6														
276 mm	W	399	409	399	451	537	668	739	805	830	899	925	995	1145
7														
322 mm	W	466	477	466	526	627	780	862	939	969	1049	1079	1161	1336
8														
368 mm	W	532	545	532	602	716	891	985	1073	1107	1198	1234	1327	1527
9														
414 mm	W	599	613	599	677	806	1003	1108	1207	1246	1348	1388	1493	1718
10														
460 mm	W	665	681	665	752	895	1114	1231	1341	1384	1498	1542	1659	1909
11														
506 mm	W	732	749	732	827	985	1225	1354	1475	1522	1648	1696	1825	2100
12														
552 mm	W	798	817	798	902	1074	1337	1477	1609	1661	1798	1850	1991	2291
13														
598 mm	W	865	885	865	978	1164	1448	1600	1743	1799	1947	2005	2157	2482
14														
644 mm	W	931	953	931	1053	1253	1560	1723	1877	1938	2097	2159	2323	2673
15														
690 mm	W	998	1022	998	1128	1343	1671	1847	2012	2076	2247	2313	2489	2864
16														
736 mm	W	1064	1090	1064	1203	1432	1782	1970	2146	2214	2397	2467	2654	3054
17														
782 mm	W	1131	1158	1131	1278	1522	1894	2093	2280	2353	2547	2621	2820	3245
18														
828 mm	W	1197	1226	1197	1354	1611	2005	2216	2414	2491	2696	2776	2986	3436
19														
874 mm	W	1264	1294	1264	1429	1701	2117	2339	2548	2630	2846	2930	3152	3627
20														
920 mm	W	1330	1362	1330	1504	1790	2228	2462	2682	2768	2996	3084	3318	3818
21														
966 mm	W	1397	1430	1397	1579	1880	2339	2585	2816	2906	3146	3238	3484	4009
22														
1012 mm	W	1463	1498	1463	1654	1969	2451	2708	2950	3045	3296	3392	3650	4200
23														
1058 mm	W	1530	1566	1530	1730	2059	2562	2831	3084	3183	3445	3547	3816	4391
24														
1104 mm	W	1596	1634	1596	1805	2148	2674	2954	3218	3322	3595	3701	3982	4582
25														
1150 mm	W	1663	1703	1663	1880	2238	2785	3078	3353	3460	3745	3855	4148	4773
26														
1196 mm	W	1729	1771	1729	1955	2327	2896	3201	3487	3598	3895	4009	4313	4963
27														
1242 mm	W	1796	1839	1796	2030	2417	3008	3324	3621	3737	4045	4163	4479	5154
28														
1288 mm	W	1862	1907	1862	2106	2506	3119	3447	3755	3875	4194	4318	4645	5345
29														
1344 mm	W	1929	1975	1929	2181	2596	3231	3570	3889	4014	4344	4472	4811	5536
30														
1380 mm	W	1995	2043	1995	2256	2685	3342	3693	4023	4152	4494	4626	4977	5727
31														
1426 mm	W	2062	2111	2062	2331	2775	3453	3816	4157	4290	4644	4780	5143	5918
32														
1472 mm	W	2128	2179	2128	2406	2864	3565	3939	4291	4429	4794	4934	5309	6109
33														
1518 mm	W	2195	2247	2195	2482	2954	3676	4062	4425	4567	4943	5089	5475	6300
34														
1564 mm	W	2261	2315	2261	2557	3043	3788	4185	4559	4706	5093	5243	5641	6491
35														
1610 mm	W	2328	2384	2328	2632	3133	3899	4309	4694	4844	5243	5397	5807	6682
36														
1656 mm	W	2394	2452	2394	2707	3222	4010	4432	4828	4982	5393	5551	5972	6872
37														
1702 mm	W	2461	2520	2461	2782	3312	4122	4555	4962	5121	5543	5705	6138	7063
38														
1748 mm	W	2527	2588	2527	2858	3401	4233	4678	5096	5259	5692	5860	6304	7254
39														
1794 mm	W	2594	2656	2594	2933	3491	4345	4801	5230	5398	5842	6014	6470	7445
40														
1840 mm	W	2660	2724	2660	3008	3580	4456	4924	5364	5536	5992	6168	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. For batteries with more than 85 sections with lateral connection, see probes kit.

Pipe Centres for replacing LAMELLAR and PANEL radiators

Pipe Centres for replacing ALUMINIUM radiators

Pipe Centres for replacing CAST IRON radiators

ARDESIA®

TOWEL RAILS

ELECTRIC & BLOWER

STAINLESS STEEL

LIVING

ACCESSORIES
TECHNICAL SUPPORT