GLOBAL
RADIATORI

GLOBAL
RADIATORI

cc october 23 - UK 05

TO IMPROVE
THE QUALITY OF LIFE

The vocation for quality has always been a fundamental corner-stone, a strategic choice that has allowed Global to operate in many European and extra-European countries to which most of the production is exported. The Company sees the criterion of sustainability as an essential value and source of well-being for all the people involved, respect for the environment throughout the production chain and in the total recyclability of aluminium, an eco-friendly raw material. Born and raised on the territory, Global projects itself into the future by integrating experience and innovation, passing down the know-how from father to son, trusting in the innovative skills of the younger generations whilst enhancing professional skills and expertise.

more than **50** **YEARS OF HISTORY**

PRODUCTION made in Global ITALIY

RESEARCH & DEVELOPMENT made in Global ITALIY

DESIGN made in Global ITALIY

60.000 sqm **PRODUCTION AREA**

250 **EMPLOYEES**

more than **900** **DISTRIBUTORS**

more than **50** **COUNTRIES WORLDWIDE**

ALUMINIUM RADIATORS: **THE WINNING CHOICE**

1 LIGHTWEIGHT

2 HIGH YIELD AT ALL TEMPERATURES
(even the lowest)

3 DEAL MATCH FOR ALL GENERATORS
(heat pumps, conventional boilers, stoves)

4 ABSENCE OF SLAG RELEASED TO THE SYSTEM
it does not ruin boilers and is rust-resistant

5 LOW THERMAL INERTIA
high comfort and savings

6 RECYCLABILITY

6 fundamental reasons

RADIATORS FOR ARCHITECTURE

SEBINO
TONALE
ANTEPRIMA

Radiators for Architecture is the new product line dedicated to the renewed housing levels and demands.
Designed to achieve dynamic and flexible use of spaces, for new buildings and the refurbishing and restructuring of existing property assets, the latest models all boast new designs, new colours and multiple hydraulic connection options.

Sebino is the ultra-flat model, where all its heating force is encompassed within a design of just 6 cm.
Tonale is the reversible radiator, with no aesthetic constraints: one side with round tubes and one side with square tubes.
Anteprima gives a modern look to the multi-column version in iron or cast iron with its high emotional impact design.

Dedicated accessories are available with a play of contrast colours and multiple positioning; the simple practical value is turned into an aesthetic plus.

sebino

6 cm
ULTRASLIM DESIGN

17
dimensions in
HEIGHT

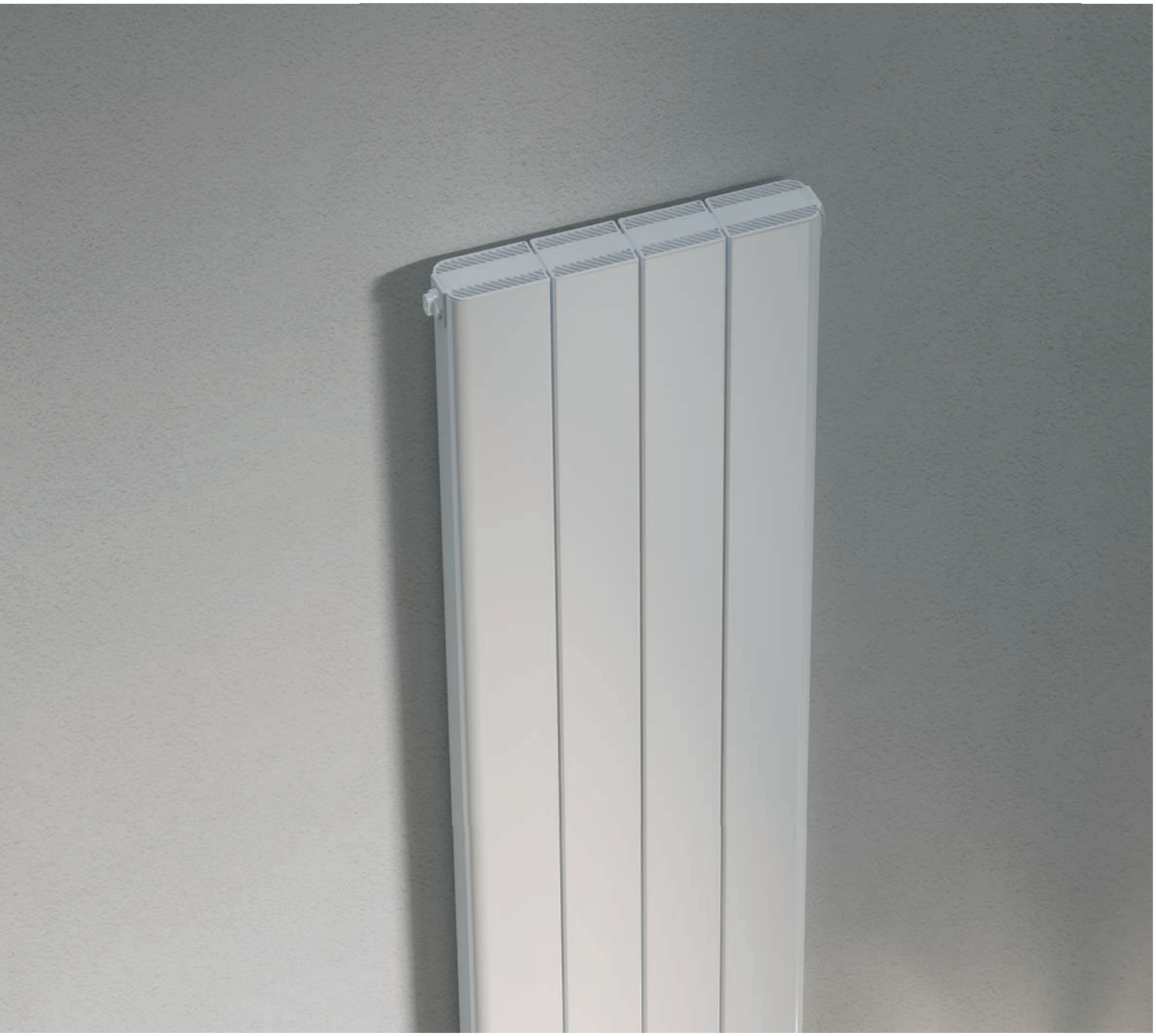
11
dimensions in
LENGTH

154
SOLUTIONS

11
possible
HYDRAULIC CONNECTIONS

10
finish
COLOURS

RADIATORS FOR ARCHITECTURE



Sebino 4 sections, 1735 pipe centres, matt dark grey colour, chrome grids, 918 Watt, 3 batteries with accessories

Sebino 6 sections, 2000 pipe centres, white matt colour, white grids, 1538 Watt, with accessories

SHAPED TOWEL RAILS
art. A218, colour matt dark grey

SHAPED TOWEL RAILS
art. A228, colour matt black

Sebino 8 sections, 700 pipe centres, white sand colour, white grids, 1052 Watt

SEBINO	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
350	5	384	420	60	350	1/2”	4,16	0,5	**356**	183	1,30044	2,19500
	6	384	500	60	350	1/2”	4,97	0,6	**427**	220	1,30044	2,63400
	7	384	580	60	350	1/2”	5,79	0,7	**498**	256	1,30044	3,07300
	8	384	660	60	350	1/2”	6,60	0,8	**569**	293	1,30044	3,51200
	9	384	740	60	350	1/2”	7,43	0,9	**640**	329	1,30044	3,95100
	10	384	820	60	350	1/2”	8,26	1,0	**711**	366	1,30044	4,39000
	11	384	900	60	350	1/2”	9,10	1,2	**782**	403	1,30044	4,82900
	12	384	980	60	350	1/2”	9,93	1,3	**853**	439	1,30044	5,26800
	13	384	1060	60	350	1/2”	10,78	1,4	**924**	476	1,30044	5,70700
	14	384	1140	60	350	1/2”	11,63	1,5	**995**	512	1,30044	6,14600
500	5	534	420	60	500	1/2”	5,40	0,7	**458**	235	1,31231	2,69925
	6	534	500	60	500	1/2”	6,46	0,8	**550**	281	1,31231	3,23910
	7	534	580	60	500	1/2”	7,52	0,9	**641**	328	1,31231	3,77895
	8	534	660	60	500	1/2”	8,58	1,1	**733**	375	1,31231	4,31880
	9	534	740	60	500	1/2”	9,64	1,2	**824**	422	1,31231	4,85865
	10	534	820	60	500	1/2”	10,70	1,3	**916**	469	1,31231	5,39850
	11	534	900	60	500	1/2”	11,81	1,5	**1008**	516	1,31231	5,93835
	12	534	980	60	500	1/2”	12,92	1,6	**1099**	563	1,31231	6,47820
	13	534	1060	60	500	1/2”	14,03	1,7	**1191**	610	1,31231	7,01805
	14	534	1140	60	500	1/2”	15,14	1,9	**1282**	657	1,31231	7,55790
530	5	564	420	60	530	1/2”	5,71	0,7	**478**	244	1,31468	2,78910
	6	564	500	60	530	1/2”	6,80	0,8	**573**	293	1,31468	3,34692
	7	564	580	60	530	1/2”	7,89	1,0	**669**	342	1,31468	3,90474
	8	564	660	60	530	1/2”	8,98	1,1	**764**	390	1,31468	4,46256
	9	564	740	60	530	1/2”	10,07	1,2	**860**	439	1,31468	5,02038
	10	564	820	60	530	1/2”	11,16	1,4	**955**	488	1,31468	5,57820
	11	564	900	60	530	1/2”	12,25	1,5	**1051**	537	1,31468	6,13602
	12	564	980	60	530	1/2”	13,34	1,7	**1146**	586	1,31468	6,69384
	13	564	1060	60	530	1/2”	14,42	1,8	**1242**	634	1,31468	7,25166
	14	564	1140	60	530	1/2”	15,51	1,9	**1337**	683	1,31468	7,80948
600	5	634	420	60	600	1/2”	6,24	0,8	**523**	266	1,32022	2,98590
	6	634	500	60	600	1/2”	7,46	0,9	**627**	319	1,32022	3,58308
	7	634	580	60	600	1/2”	8,69	1,1	**732**	372	1,32022	4,18026
	8	634	660	60	600	1/2”	9,91	1,2	**836**	426	1,32022	4,77744
	9	634	740	60	600	1/2”	11,15	1,4	**941**	479	1,32022	5,37462
	10	634	820	60	600	1/2”	12,39	1,5	**1045**	532	1,32022	5,97180
	11	634	900	60	600	1/2”	13,66	1,7	**1150**	585	1,32022	6,56898
	12	634	980	60	600	1/2”	14,92	1,8	**1254**	638	1,32022	7,16616
	13	634	1060	60	600	1/2”	16,20	2,0	**1359**	692	1,32022	7,76334
	14	634	1140	60	600	1/2”	17,48	2,1	**1463**	745	1,32022	8,36052
623	5	657	420	60	623	1/2”	6,48	0,8	**537**	274	1,32204	3,04695
	6	657	500	60	623	1/2”	7,72	0,9	**644**	328	1,32204	3,65634
	7	657	580	60	623	1/2”	8,96	1,1	**752**	383	1,32204	4,26573
	8	657	660	60	623	1/2”	10,20	1,2	**859**	438	1,32204	4,87512
	9	657	740	60	623	1/2”	11,43	1,4	**967**	492	1,32204	5,48451
	10	657	820	60	623	1/2”	12,67	1,5	**1074**	547	1,32204	6,09390
	11	657	900	60	623	1/2”	13,91	1,7	**1181**	602	1,32204	6,70329
	12	657	980	60	623	1/2”	15,14	1,9	**1289**	656	1,32204	7,31268
	13	657	1060	60	623	1/2”	16,38	2,0	**1396**	711	1,32204	7,92207
	14	657	1140	60	623	1/2”	17,62	2,2	**1504**	766	1,32204	8,53146

SEBINO	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
700	5	734	420	60	700	1/2”	7,06	0,8	**585**	297	1,32813	3,23925
	6	734	500	60	700	1/2”	8,45	1,0	**701**	356	1,32813	3,88710
	7	734	580	60	700	1/2”	9,84	1,2	**818**	415	1,32813	4,53495
	8	734	660	60	700	1/2”	11,23	1,4	**935**	474	1,32813	5,18280
	9	734	740	60	700	1/2”	12,64	1,5	**1052**	534	1,32813	5,83065
	10	734	820	60	700	1/2”	14,05	1,7	**1169**	593	1,32813	6,47850
	11	734	900	60	700	1/2”	15,48	1,9	**1286**	652	1,32813	7,12635
	12	734	980	60	700	1/2”	16,91	2,0	**1403**	712	1,32813	7,77420
	13	734	1060	60	700	1/2”	18,37	2,2	**1520**	771	1,32813	8,42205
	14	734	1140	60	700	1/2”	19,82	2,4	**1637**	830	1,32813	9,06990
730	5	764	420	60	730	1/2”	7,36	0,9	**603**	306	1,33050	3,30980
	6	764	500	60	730	1/2”	8,76	1,0	**724**	367	1,33050	3,97176
	7	764	580	60	730	1/2”	10,16	1,2	**844**	428	1,33050	4,63372
	8	764	660	60	730	1/2”	11,56	1,4	**965**	489	1,33050	5,29568
	9	764	740	60	730	1/2”	12,96	1,6	**1085**	550	1,33050	5,95764
	10	764	820	60	730	1/2”	14,36	1,7	**1206**	611	1,33050	6,61960
	11	764	900	60	730	1/2”	15,76	1,9	**1327**	672	1,33050	7,28156
	12	764	980	60	730	1/2”	17,17	2,1	**1447**	733	1,33050	7,94352
	13	764	1060	60	730	1/2”	18,57	2,3	**1568**	794	1,33050	8,60548
	14	764	1140	60	730	1/2”	19,97	2,4	**1688**	855	1,33050	9,26744
800	5	834	420	60	800	1/2”	7,90	0,9	**645**	326	1,33604	3,46420
	6	834	500	60	800	1/2”	9,45	1,1	**774**	391	1,33604	4,15704
	7	834	580	60	800	1/2”	11,00	1,3	**903**	456	1,33604	4,84988
	8	834	660	60	800	1/2”	12,55	1,5	**1032**	522	1,33604	5,54272
	9	834	740	60	800	1/2”	14,13	1,7	**1161**	587	1,33604	6,23556
	10	834	820	60	800	1/2”	15,70	1,9	**1290**	652	1,33604	6,92840
	11	834	900	60	800	1/2”	17,31	2,1	**1419**	717	1,33604	7,62124
	12	834	980	60	800	1/2”	18,91	2,2	**1548**	782	1,33604	8,31408
	13	834	1060	60	800	1/2”	20,54	2,4	**1677**	848	1,33604	9,00692
	14	834	1140	60	800	1/2”	22,16	2,6	**1806**	913	1,33604	9,69976
813	5	847	420	60	813	1/2”	8,06	0,9	**653**	330	1,33707	3,49145
	6	847	500	60	813	1/2”	9,60	1,1	**783**	395	1,33707	4,18974
	7	847	580	60	813	1/2”	11,14	1,3	**914**	461	1,33707	4,88803
	8	847	660	60	813	1/2”	12,67	1,5	**1044**	527	1,33707	5,58632
	9	847	740	60	813	1/2”	14,21	1,7	**1175**	593	1,33707	6,28461
	10	847	820	60	813	1/2”	15,74	1,9	**1305**	659	1,33707	6,98290
	11	847	900	60	813	1/2”	17,28	2,1	**1436**	725	1,33707	7,68119
	12	847	980	60	813	1/2”	18,81	2,3	**1566**	791	1,33707	8,37948
	13	847	1060	60	813	1/2”	20,35	2,5	**1697**	857	1,33707	9,07777
	14	847	1140	60	813	1/2”	21,88	2,7	**1827**	923	1,33707	9,77606
900	4	934	340	60	900	1/2”	7,01	0,8	**563**	283	1,34395	2,93084
	5	934	420	60	900	1/2”	8,73	1,0	**704**	354	1,34395	3,66355
	6	934	500	60	900	1/2”	10,44	1,2	**844**	425	1,34395	4,39626
	7	934	580	60	900	1/2”	12,16	1,4	**985**	496	1,34395	5,12897
	8	934	660	60	900	1/2”	13,87	1,6	**1126**	566	1,34395	5,86168
	9	934	740	60	900	1/2”	15,62	1,8	**1266**	637	1,34395	6,59439
	10	934	820	60	900	1/2”	17,36	2,1	**1407**	708	1,34395	7,32710
	11	934	900	60	900	1/2”	19,13	2,3	**1548**	779	1,34395	8,05981
	12	934	980	60	900	1/2”	20,90	2,5	**1688**	850	1,34395	8,79252
	13	934	1060	60	900	1/2”	22,70	2,7	**1829**	920	1,34395	9,52523
	14	934	1140	60	900	1/2”	24,50	2,9	**1970**	991	1,34395	10,25794

SEBINO	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	1034	340	60	1000	1/2”	7,68	0,9	**608**	305	1,34937	3,10228
	5	1034	420	60	1000	1/2”	9,56	1,1	**761**	382	1,34937	3,87785
	6	1034	500	60	1000	1/2”	11,44	1,3	**913**	458	1,34937	4,65342
	7	1034	580	60	1000	1/2”	13,32	1,6	**1065**	534	1,34937	5,42899
	8	1034	660	60	1000	1/2”	15,20	1,8	**1217**	610	1,34937	6,20456
1000	9	1034	740	60	1000	1/2”	17,11	2,0	**1369**	687	1,34937	6,98013
	10	1034	820	60	1000	1/2”	19,01	2,2	**1521**	763	1,34937	7,75570
	11	1034	900	60	1000	1/2”	20,95	2,5	**1673**	839	1,34937	8,53127
	12	1034	980	60	1000	1/2”	22,89	2,7	**1825**	916	1,34937	9,30684
	13	1034	1060	60	1000	1/2”	24,87	2,9	**1977**	992	1,34937	10,08241
	14	1034	1140	60	1000	1/2”	26,84	3,1	**2129**	1068	1,34937	10,85798
	4	1234	340	60	1200	1/2”	9,09	1,0	**697**	348	1,36022	3,40532
	5	1234	420	60	1200	1/2”	11,26	1,3	**871**	435	1,36022	4,25665
	6	1234	500	60	1200	1/2”	13,43	1,6	**1045**	522	1,36022	5,10798
1200	7	1234	580	60	1200	1/2”	15,64	1,8	**1219**	609	1,36022	5,95931
	8	1234	660	60	1200	1/2”	17,84	2,1	**1394**	696	1,36022	6,81064
	9	1234	740	60	1200	1/2”	20,09	2,3	**1568**	783	1,36022	7,66197
	10	1234	820	60	1200	1/2”	22,33	2,6	**1742**	870	1,36022	8,51330
	4	1434	340	60	1400	1/2”	10,44	1,2	**782**	388	1,37107	3,66232
	5	1434	420	60	1400	1/2”	12,93	1,5	**978**	485	1,37107	4,57790
	6	1434	500	60	1400	1/2”	15,42	1,8	**1173**	582	1,37107	5,49348
1400	7	1434	580	60	1400	1/2”	17,96	2,1	**1369**	679	1,37107	6,40906
	8	1434	660	60	1400	1/2”	20,49	2,4	**1564**	776	1,37107	7,32464
	9	1434	740	60	1400	1/2”	23,07	2,7	**1760**	873	1,37107	8,24022
	10	1434	820	60	1400	1/2”	25,64	3,0	**1955**	970	1,37107	9,15580
	4	1634	340	60	1600	1/2”	11,79	1,3	**864**	429	1,37144	4,04204
	5	1634	420	60	1600	1/2”	14,60	1,7	**1081**	536	1,37144	5,05255
	6	1634	500	60	1600	1/2”	17,41	2,0	**1297**	643	1,37144	6,06306
1600	7	1634	580	60	1600	1/2”	20,27	2,3	**1513**	750	1,37144	7,07357
	8	1634	660	60	1600	1/2”	23,13	2,7	**1729**	858	1,37144	8,08408
	9	1634	740	60	1600	1/2”	26,04	3,0	**1945**	965	1,37144	9,09459
	10	1634	820	60	1600	1/2”	28,95	3,3	**2161**	1072	1,37144	10,10510
	4	1769	340	60	1735	1/2”	12,71	1,4	**918**	456	1,37169	4,29132
	5	1769	420	60	1735	1/2”	15,68	1,8	**1148**	570	1,37169	5,36415
	6	1769	500	60	1735	1/2”	18,65	2,1	**1378**	683	1,37169	6,43698
1735	7	1769	580	60	1735	1/2”	21,62	2,5	**1607**	797	1,37169	7,50981
	8	1769	660	60	1735	1/2”	24,58	2,9	**1837**	911	1,37169	8,58264
	9	1769	740	60	1735	1/2”	27,55	3,2	**2066**	1025	1,37169	9,65547
	10	1769	820	60	1735	1/2”	30,52	3,6	**2296**	1139	1,37169	10,72830
	4	1834	340	60	1800	1/2”	13,14	1,5	**944**	468	1,37181	4,40960
	5	1834	420	60	1800	1/2”	16,27	1,8	**1181**	586	1,37181	5,51200
	6	1834	500	60	1800	1/2”	19,40	2,2	**1417**	703	1,37181	6,61440
1800	7	1834	580	60	1800	1/2”	22,59	2,6	**1653**	820	1,37181	7,71680
	8	1834	660	60	1800	1/2”	25,78	3,0	**1889**	937	1,37181	8,81920
	9	1834	740	60	1800	1/2”	29,02	3,3	**2125**	1054	1,37181	9,92160
	10	1834	820	60	1800	1/2”	32,26	3,7	**2361**	1171	1,37181	11,02400
	4	2034	340	60	2000	1/2”	14,49	1,6	**1026**	509	1,37220	4,78228
	5	2034	420	60	2000	1/2”	17,94	2,0	**1282**	636	1,37220	5,97785
	6	2034	500	60	2000	1/2”	21,39	2,4	**1538**	763	1,37220	7,17342
2000	7	2034	580	60	2000	1/2”	24,91	2,8	**1795**	890	1,37220	8,36899
	8	2034	660	60	2000	1/2”	28,42	3,2	**2051**	1018	1,37220	9,56456
	9	2034	740	60	2000	1/2”	32,00	3,7	**2308**	1145	1,37220	10,76013
	10	2034	820	60	2000	1/2”	35,57	4,1	**2564**	1272	1,37220	11,95570

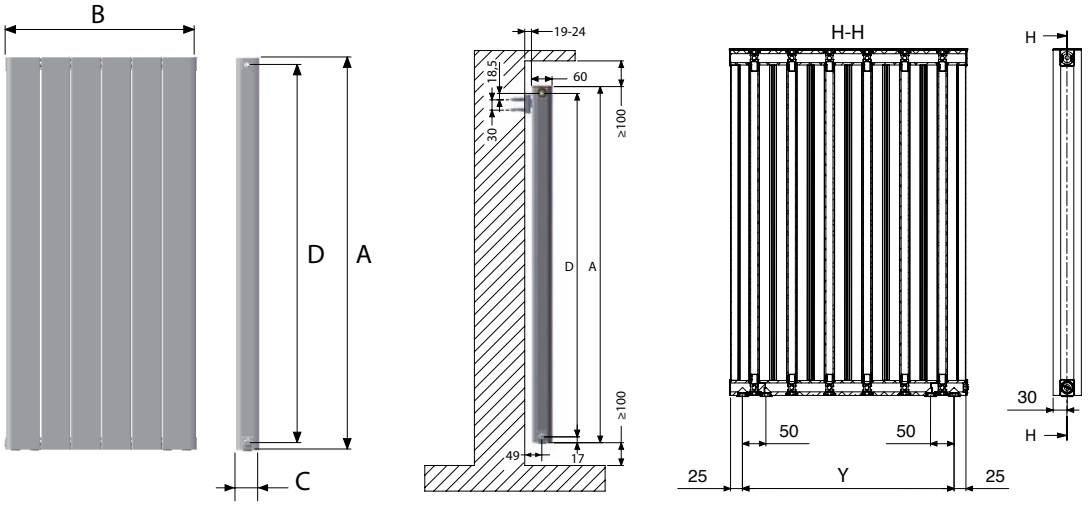
The heat output of the Global radiators is seen in the results of the tests carried out in accordance with the EN 442 standard

CE 2022 EN 442

Thermal performance according to EN 442
The heat output of the Global sections highlighted in the catalogue are certified in accordance with the **EN 442** standard, drawn up to respond to the standardisation requirements of heat output in the Member States of the European Community. The advantages of a low temperature system will generate:
- lower fuel consumption due to the decrease in passive losses of thermal energy from boilers, pipes and heaters;
- improved hygiene of heated environments: this solution limits the convective motion of the air to the least necessary;
- lower thermal gradients in heated rooms with a consequent improvement of environmental comfort.

Heat output with ΔT other than 50°C and 30°C
The variation in heat output (**P**) is calculated by applying the characteristic equation **$P = Km \cdot \Delta T^n$**
where **P** = heat output
Km = characteristic coefficient of each radiator model
n = distinctive coefficient of the heating element
ΔT = the resultant of this equation **tm - ta**
where **tm** = **te+tu/2**
te = entry water temperature
tu = exit water temperature
ta = room temperature (standard 20°C)
tm = mean water temperature

Example Sebino 1600/10 sections, ΔT 40°C
$P = Km \cdot \Delta T^n \rightarrow P = 10{,}105 \cdot 40^{1{,}37144} = 1591$ Watt



sections	Y
4	290
5	370
6	450
7	530
8	610
9	690
10	770
11	850
12	930
13	1010
14	1090

Y = pipe centres with connections from the floor

In order to prevent thermal expansion of the system from causing noise at the heaters, it is recommended to position the plastic brackets (art. A051, included in the supply) in the centre of the space provided.

The highest heat output can be obtained by mounting the radiators observing the following distances:
= 19 - 24 mm from the wall
≥ 100 mm from the floor
≥ 100 mm from the shelf or window-sills

CORRECT INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS
- Sebino radiators can be used in all hot water or vapour heating installations up to 110°C with a working pressure up to 1600 K Pascal -16 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- In order to preserve the systems from scaling and corrosion, it is recommended to check the pH of the water (preferably between 6.5 and 8) and to introduce a inhibitive additive such as Cillit-Hs 23 Al or similar in the quantity recommended by the manufacturer.
- Automatic or manual air vent valves must be installed on radiators.
- Avoid complete closure of the radiator shut-off valves in order to allow any gas that there might be inside the same to escape through the automatic air vent valve, which is mandatory in any heating system, thus avoiding possible overpressure that could damage the radiators.
- If one or more batteries are to be excluded from the circuit, an automatic air vent must be fitted to each battery.
- To ensure lasting protection of painting, radiators must not be stored in very wet or damp environments before and after installation such as inside showers, saunas, turkish baths, near swimming pools etc.
  Paint peeling off on parts of the radiator could cause the formation of aluminium oxide and have the paint completely peeled off.
  Do not use porous clay humidifiers.
- For the external cleaning of the radiator, it is necessary to avoid the use of abrasive or chemically corrosive/aggressive products of any nature, as the use of water and neutral detergent is sufficient while performing the operation when the radiators are cold to maintain the original brilliance of the paint over time.
- Do not place weights and/or objects on the radiators. Do not use radiators for any purpose other than heating elements (e.g.: as a support system, as steps, as support for furniture or objects).

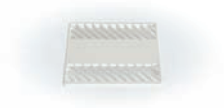
U-SHAPED TOWEL RAILS
A210 white 4 sections
A211 white 6 sections
A212 white 8 sections
A213 white 10 sections
A216 special colours 4 sections
A217 special colours 6 sections
A218 special colours 8 sections
A219 special colours 10 sections

CHROME TOWEL RAILS
A233 4 sections
A234 6 sections
A235 8 sections

L-SHAPED TOWEL RAILS
A228 white
A228 special colours

CHROME ROUND HANDY GRIP
A248 for Sebino

HANDY HOOK GRIP
A245 white
A245 chrome
A245 special colours



A053 white centre grid

A054 chrome or special colours side grid

A054 white side grid

A054 chrome or special colours side grid

A055 white side hole plug

A055 chrome or special colours side hole plug

A011 1/2" white blind plug

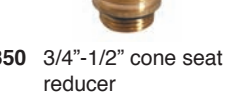
A011 1/2" chrome blind plug

A041 adjustable manual air vent valve - white

A038 adjustable manual air vent valve - chrome

A051 white bracket
A051 special colours bracket

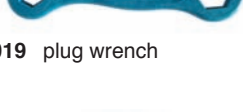
A017 RAL 9010 white marker



A350 3/4"-1/2" cone seat reducer

A351 3/4"-1/2" flat seat reducer

A052 diverter



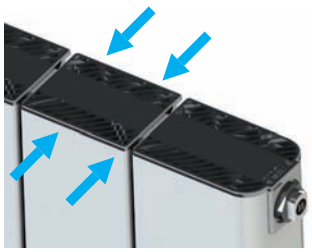
A019 plug wrench

A018 Cillit HS 23 Combi liquid

A010 RAL 9010 white or special colour spray can

ACCESSORIES INCLUDED FOR SEBINO
n. 2/3 art. A051 brackets
art. A011 1/2" white or chrome plug (for coloured radiators)
n. 1 art. A041 1/2" white manual air vent valve or art. A038 chrome (for coloured radiators)

- Grids and hole plugs are supplied in the same colour as the radiator
- Chrome grids and hole plugs are supplied on request; free of charge for coloured radiators, at an extra charge for white radiators according to the price list
- Sebino radiators can also be fitted with a bottom connection (50 mm pipe centres), for underfloor pipes (G-H-i-L-M configurations) at a charge of € 10,00 net each radiator



TOP GRILLES DISASSEMBLY INSTRUCTIONS
For ease of cleaning of Sebino radiators it is possible to remove the top grilles
- pull the grilles upwards by hand using the grasp points indicated in the figure to the side
- wash the grille using plain water
- replace the grille applying light pressure until it clicks into place

Sebino 6 sections, 1800 pipe centres, white glossy colour, white grids, 1417 Watt

TONALE

1
RADIATOR

2
REVERSIBLE
sides

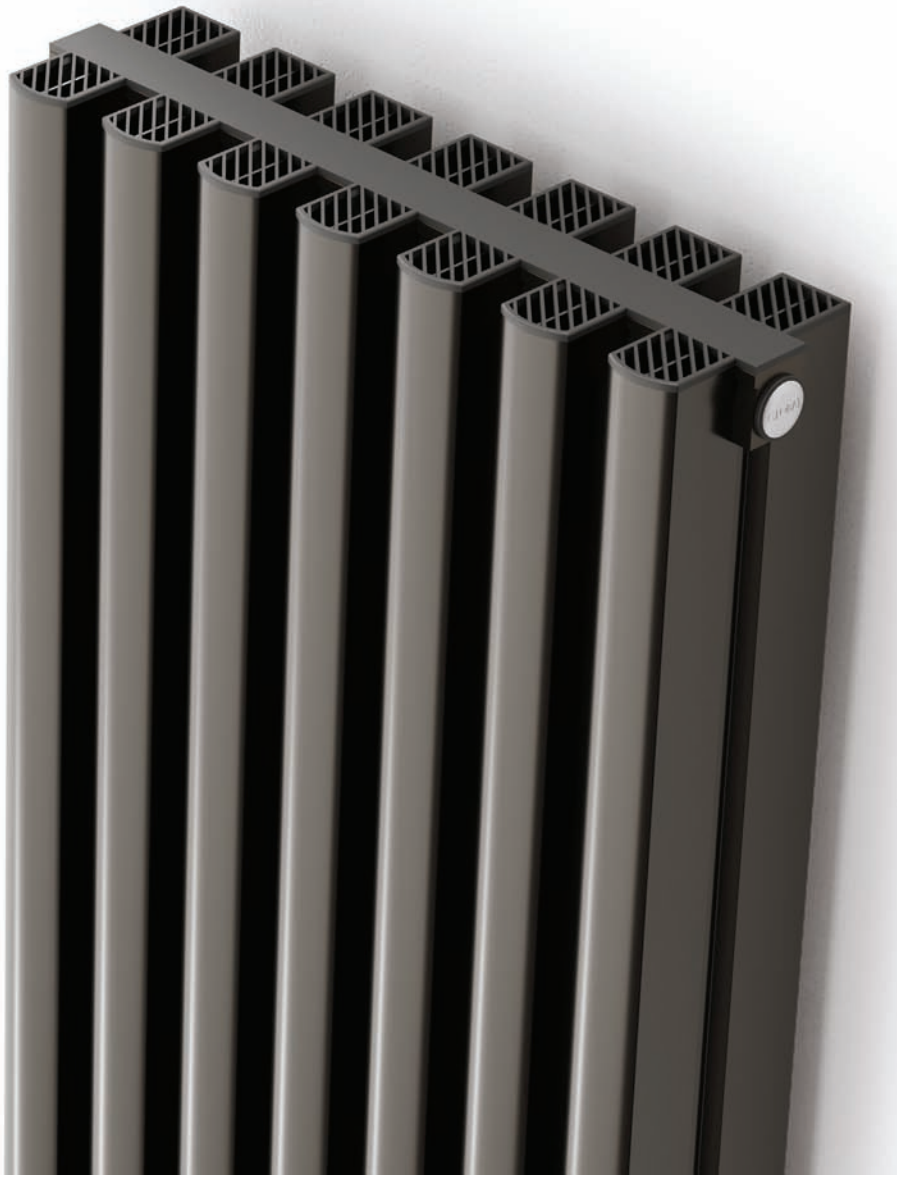
20
dimensions in
LENGTH

17
dimensions in
HEIGHT

11
possible
HYDRAULIC
CONNECTIONS

10
finish
COLOURS

RADIATORS FOR ARCHITECTURE



Tonale 12 sections, 2000 pipe centres, matt black colour, black grids, 2664 Watt

Tonale 12 sections, 800 pipe centres, matt black colour, chrome grids, 1220 Watt

Tonale 9 sections, 1800 pipe centres, matt black colour, chrome grids, 1832 Watt, with accessories

Tonale 10 sections, 2000 pipe centres, matt white colour, chrome grids, 2280 Watt, with accessories

TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	384	300	95	350	1/2”	4,62	0,6	**296**	148	1,36404	1,42782
	7	384	350	95	350	1/2”	5,39	0,7	**346**	172	1,36404	1,66579
	8	384	400	95	350	1/2”	6,16	0,8	**395**	197	1,36404	1,90376
	9	384	450	95	350	1/2”	6,93	0,9	**445**	221	1,36404	2,14173
	10	384	500	95	350	1/2”	7,70	1,0	**494**	246	1,36404	2,37970
	11	384	550	95	350	1/2”	8,47	1,2	**543**	271	1,36404	2,61767
	12	384	600	95	350	1/2”	9,24	1,3	**593**	295	1,36404	2,85564
	13	384	650	95	350	1/2”	10,01	1,4	**642**	320	1,36404	3,09361
	14	384	700	95	350	1/2”	10,78	1,5	**692**	344	1,36404	3,33158
350	15	384	750	95	350	1/2”	11,55	1,6	**741**	369	1,36404	3,56955
	16	384	800	95	350	1/2”	12,32	1,7	**790**	394	1,36404	3,80752
	17	384	850	95	350	1/2”	13,09	1,8	**840**	418	1,36404	4,04549
	18	384	900	95	350	1/2”	13,86	1,9	**889**	443	1,36404	4,28346
	19	384	950	95	350	1/2”	14,63	2,0	**939**	467	1,36404	4,52143
	20	384	1000	95	350	1/2”	15,40	2,1	**988**	492	1,36404	4,75940
	21	384	1050	95	350	1/2”	16,17	2,2	**1037**	517	1,36404	4,99737
	22	384	1100	95	350	1/2”	16,94	2,3	**1087**	541	1,36404	5,23534
	23	384	1150	95	350	1/2”	17,71	2,4	**1136**	566	1,36404	5,47331
	24	384	1200	95	350	1/2”	18,48	2,5	**1186**	590	1,36494	5,71128
	6	534	300	95	500	1/2”	6,00	0,8	**404**	202	1,36055	1,97280
	7	534	350	95	500	1/2”	7,00	0,9	**472**	235	1,36055	2,30160
	8	534	400	95	500	1/2”	8,00	1,1	**539**	269	1,36055	2,63040
	9	534	450	95	500	1/2”	9,00	1,2	**607**	302	1,36055	2,95920
	10	534	500	95	500	1/2”	10,00	1,3	**674**	336	1,36055	3,28800
	11	534	550	95	500	1/2”	11,00	1,5	**741**	370	1,36055	3,61680
	12	534	600	95	500	1/2”	12,00	1,6	**809**	403	1,36055	3,94560
	13	534	650	95	500	1/2”	13,00	1,7	**876**	437	1,36055	4,27440
	14	534	700	95	500	1/2”	14,00	1,9	**944**	470	1,36055	4,60320
500	15	534	750	95	500	1/2”	15,00	2,0	**1011**	504	1,36055	4,93200
	16	534	800	95	500	1/2”	16,00	2,1	**1078**	538	1,36055	5,26080
	17	534	850	95	500	1/2”	17,00	2,2	**1146**	571	1,36055	5,58960
	18	534	900	95	500	1/2”	18,00	2,4	**1213**	605	1,36055	5,91840
	19	534	950	95	500	1/2”	19,00	2,5	**1281**	638	1,36055	6,24720
	20	534	1000	95	500	1/2”	20,00	2,6	**1348**	672	1,36055	6,57600
	21	534	1050	95	500	1/2”	21,00	2,8	**1415**	706	1,36055	6,90480
	22	534	1100	95	500	1/2”	22,00	2,9	**1483**	739	1,36055	7,23360
	23	534	1150	95	500	1/2”	23,00	3,0	**1550**	773	1,36055	7,56240
	24	534	1200	95	500	1/2”	24,00	3,2	**1618**	806	1,36055	7,89120
	6	564	300	95	530	1/2”	6,23	0,8	**425**	212	1,359850	2,08158
	7	564	350	95	530	1/2”	7,27	1,0	**496**	248	1,359850	2,42851
	8	564	400	95	530	1/2”	8,31	1,1	**567**	283	1,359850	2,77544
	9	564	450	95	530	1/2”	9,35	1,2	**638**	319	1,359850	3,12237
	10	564	500	95	530	1/2”	10,39	1,4	**709**	354	1,359850	3,46930
	11	564	550	95	530	1/2”	11,43	1,5	**780**	389	1,359850	3,81623
	12	564	600	95	530	1/2”	12,47	1,7	**851**	425	1,359850	4,16316
	13	564	650	95	530	1/2”	13,51	1,8	**922**	460	1,359850	4,51009
	14	564	700	95	530	1/2”	14,55	1,9	**993**	496	1,359850	4,85702
530	15	564	750	95	530	1/2”	15,59	2,1	**1064**	531	1,359850	5,20395
	16	564	800	95	530	1/2”	16,63	2,2	**1134**	566	1,359850	5,55088
	17	564	850	95	530	1/2”	17,66	2,3	**1205**	602	1,359850	5,89781
	18	564	900	95	530	1/2”	18,70	2,5	**1276**	637	1,359850	6,24474
	19	564	950	95	530	1/2”	19,74	2,6	**1347**	673	1,359850	6,59167
	20	564	1000	95	530	1/2”	20,78	2,8	**1418**	708	1,359850	6,93860
	21	564	1050	95	530	1/2”	21,82	2,9	**1489**	743	1,359850	7,28553
	22	564	1100	95	530	1/2”	22,86	3,0	**1560**	779	1,359850	7,63246
	23	564	1150	95	530	1/2”	23,90	3,2	**1631**	814	1,359850	7,97939
	24	564	1200	95	530	1/2”	24,94	3,3	**1702**	850	1,359850	8,32632

TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	634	300	95	600	1/2”	6,90	0,9	**474**	237	1,35822	2,33544
	7	634	350	95	600	1/2”	8,05	1,1	**553**	277	1,35822	2,72468
	8	634	400	95	600	1/2”	9,20	1,2	**632**	316	1,35822	3,11392
	9	634	450	95	600	1/2”	10,35	1,4	**711**	356	1,35822	3,50316
	10	634	500	95	600	1/2”	11,50	1,5	**790**	395	1,35822	3,89240
	11	634	550	95	600	1/2”	12,65	1,7	**869**	435	1,35822	4,28164
	12	634	600	95	600	1/2”	13,80	1,8	**948**	474	1,35822	4,67088
	13	634	650	95	600	1/2”	14,94	2,0	**1027**	514	1,35822	5,06012
	14	634	700	95	600	1/2”	16,09	2,1	**1106**	553	1,35822	5,44936
600	15	634	750	95	600	1/2”	17,24	2,3	**1185**	593	1,35822	5,83860
	16	634	800	95	600	1/2”	18,39	2,4	**1264**	632	1,35822	6,22784
	17	634	850	95	600	1/2”	19,54	2,6	**1343**	672	1,35822	6,61708
	18	634	900	95	600	1/2”	20,69	2,7	**1422**	711	1,35822	7,00632
	19	634	950	95	600	1/2”	21,84	2,9	**1501**	751	1,35822	7,39556
	20	634	1000	95	600	1/2”	22,99	3,0	**1580**	790	1,35822	7,78480
	21	634	1050	95	600	1/2”	24,14	3,2	**1659**	830	1,35822	8,17404
	22	634	1100	95	600	1/2”	25,29	3,3	**1738**	869	1,35822	8,56328
	23	634	1150	95	600	1/2”	26,44	3,5	**1817**	909	1,35822	8,95252
	24	634	1200	95	600	1/2”	27,59	3,6	**1896**	948	1,35822	9,34176
	6	657	300	95	623	1/2”	7,11	0,9	**490**	245	1,35769	2,41878
	7	657	350	95	623	1/2”	8,29	1,1	**572**	286	1,35769	2,82191
	8	657	400	95	623	1/2”	9,48	1,2	**654**	326	1,35769	3,22504
	9	657	450	95	623	1/2”	10,66	1,4	**735**	367	1,35769	3,62817
	10	657	500	95	623	1/2”	11,85	1,5	**817**	408	1,35769	4,03130
	11	657	550	95	623	1/2”	13,03	1,7	**899**	449	1,35769	4,43443
	12	657	600	95	623	1/2”	14,22	1,9	**980**	490	1,35769	4,83756
	13	657	650	95	623	1/2”	15,40	2,0	**1062**	530	1,35769	5,24069
	14	657	700	95	623	1/2”	16,58	2,2	**1144**	571	1,35769	5,64382
623	15	657	750	95	623	1/2”	17,77	2,3	**1226**	612	1,35769	6,04695
	16	657	800	95	623	1/2”	18,95	2,5	**1307**	653	1,35769	6,45008
	17	657	850	95	623	1/2”	20,14	2,6	**1389**	694	1,35769	6,85321
	18	657	900	95	623	1/2”	21,32	2,8	**1471**	734	1,35769	7,25634
	19	657	950	95	623	1/2”	22,51	2,9	**1552**	775	1,35769	7,65947
	20	657	1000	95	623	1/2”	23,69	3,1	**1634**	816	1,35769	8,06260
	21	657	1050	95	623	1/2”	24,88	3,2	**1716**	857	1,35769	8,46573
	22	657	1100	95	623	1/2”	26,06	3,4	**1797**	898	1,35769	8,86886
	23	657	1150	95	623	1/2”	27,25	3,6	**1879**	938	1,35769	9,27199
	24	657	1200	95	623	1/2”	28,43	3,7	**1961**	979	1,35769	9,67512
	6	734	300	95	700	1/2”	7,82	1,0	**543**	272	1,35589	2,69766
	7	734	350	95	700	1/2”	9,13	1,2	**634**	317	1,35589	3,14727
	8	734	400	95	700	1/2”	10,43	1,4	**724**	362	1,35589	3,59688
	9	734	450	95	700	1/2”	11,73	1,5	**815**	408	1,35589	4,04649
	10	734	500	95	700	1/2”	13,04	1,7	**905**	453	1,35589	4,49610
	11	734	550	95	700	1/2”	14,34	1,9	**996**	498	1,35589	4,94571
	12	734	600	95	700	1/2”	15,64	2,0	**1086**	544	1,35589	5,39532
	13	734	650	95	700	1/2”	16,95	2,2	**1177**	589	1,35589	5,84493
	14	734	700	95	700	1/2”	18,25	2,4	**1267**	634	1,35589	6,29454
700	15	734	750	95	700	1/2”	19,55	2,5	**1358**	680	1,35589	6,74415
	16	734	800	95	700	1/2”	20,86	2,7	**1448**	725	1,35589	7,19376
	17	734	850	95	700	1/2”	22,16	2,9	**1539**	770	1,35589	7,64337
	18	734	900	95	700	1/2”	23,46	3,0	**1629**	815	1,35589	8,09298
	19	734	950	95	700	1/2”	24,77	3,2	**1720**	861	1,35589	8,54259
	20	734	1000	95	700	1/2”	26,07	3,4	**1810**	906	1,35589	8,99220
	21	734	1050	95	700	1/2”	27,38	3,5	**1901**	951	1,35589	9,44181
	22	734	1100	95	700	1/2”	28,68	3,7	**1991**	997	1,35589	9,89142
	23	734	1150	95	700	1/2”	29,98	3,9	**2082**	1042	1,35589	10,34103
	24	734	1200	95	700	1/2”	31,29	4,1	**2172**	1087	1,35589	10,79064

TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	764	300	95	730	1/2”	8,10	1,0	**563**	282	1,35520	2,80632
	7	764	350	95	730	1/2”	9,45	1,2	**657**	329	1,35520	3,27404
	8	764	400	95	730	1/2”	10,80	1,4	**751**	376	1,35520	3,74176
	9	764	450	95	730	1/2”	12,15	1,6	**845**	423	1,35520	4,20948
	10	764	500	95	730	1/2”	13,50	1,7	**939**	470	1,35520	4,67720
	11	764	550	95	730	1/2”	14,85	1,9	**1033**	517	1,35520	5,14492
	12	764	600	95	730	1/2”	16,20	2,1	**1127**	564	1,35520	5,61264
	13	764	650	95	730	1/2”	17,54	2,3	**1221**	611	1,35520	6,08036
	14	764	700	95	730	1/2”	18,89	2,4	**1315**	658	1,35520	6,54808
730	15	764	750	95	730	1/2”	20,24	2,6	**1409**	705	1,35520	7,01580
	16	764	800	95	730	1/2”	21,59	2,8	**1502**	752	1,35520	7,48352
	17	764	850	95	730	1/2”	22,94	3,0	**1596**	799	1,35520	7,95124
	18	764	900	95	730	1/2”	24,29	3,1	**1690**	846	1,35520	8,41896
	19	764	950	95	730	1/2”	25,64	3,3	**1784**	893	1,35520	8,88668
	20	764	1000	95	730	1/2”	26,99	3,5	**1878**	940	1,35520	9,35440
	21	764	1050	95	730	1/2”	28,34	3,7	**1972**	987	1,35520	9,82212
	22	764	1100	95	730	1/2”	29,69	3,8	**2066**	1034	1,35520	10,28984
	23	764	1150	95	730	1/2”	31,04	4,0	**2160**	1081	1,35520	10,75756
	24	764	1200	95	730	1/2”	32,39	4,2	**2254**	1128	1,35520	11,22528
	6	834	300	95	800	1/2”	8,74	1,1	**610**	305	1,35357	3,06024
	7	834	350	95	800	1/2”	10,20	1,3	**712**	356	1,35357	3,57028
	8	834	400	95	800	1/2”	11,65	1,5	**814**	407	1,35357	4,08032
	9	834	450	95	800	1/2”	13,11	1,7	**915**	458	1,35357	4,59036
	10	834	500	95	800	1/2”	14,57	1,9	**1017**	509	1,35357	5,10040
	11	834	550	95	800	1/2”	16,02	2,1	**1119**	560	1,35357	5,61044
	12	834	600	95	800	1/2”	17,48	2,2	**1220**	611	1,35357	6,12048
	13	834	650	95	800	1/2”	18,94	2,4	**1322**	662	1,35357	6,63052
	14	834	700	95	800	1/2”	20,39	2,6	**1424**	713	1,35357	7,14056
800	15	834	750	95	800	1/2”	21,85	2,8	**1526**	764	1,35357	7,65060
	16	834	800	95	800	1/2”	23,31	3,0	**1627**	814	1,35357	8,16064
	17	834	850	95	800	1/2”	24,76	3,2	**1729**	865	1,35357	8,67068
	18	834	900	95	800	1/2”	26,22	3,4	**1831**	916	1,35357	9,18072
	19	834	950	95	800	1/2”	27,68	3,6	**1932**	967	1,35357	9,69076
	20	834	1000	95	800	1/2”	29,13	3,7	**2034**	1018	1,35357	10,20080
	21	834	1050	95	800	1/2”	30,59	3,9	**2136**	1069	1,35357	10,71084
	22	834	1100	95	800	1/2”	32,05	4,1	**2237**	1120	1,35357	11,22088
	23	834	1150	95	800	1/2”	33,50	4,3	**2339**	1171	1,35357	11,73092
	24	834	1200	95	800	1/2”	34,96	4,5	**2441**	1222	1,35357	12,24096
	6	847	300	95	813	1/2”	8,86	1,1	**619**	310	1,35326	3,10734
	7	847	350	95	813	1/2”	10,34	1,3	**722**	362	1,35326	3,62523
	8	847	400	95	813	1/2”	11,81	1,5	**825**	414	1,35326	4,14312
	9	847	450	95	813	1/2”	13,29	1,7	**928**	465	1,35326	4,66101
	10	847	500	95	813	1/2”	14,77	1,9	**1031**	517	1,35326	5,17890
	11	847	550	95	813	1/2”	16,24	2,1	**1134**	569	1,35326	5,69679
	12	847	600	95	813	1/2”	17,72	2,3	**1237**	620	1,35326	6,21468
	13	847	650	95	813	1/2”	19,20	2,5	**1340**	672	1,35326	6,73257
	14	847	700	95	813	1/2”	20,67	2,7	**1443**	724	1,35326	7,25046
813	15	847	750	95	813	1/2”	22,15	2,8	**1547**	776	1,35326	7,76835
	16	847	800	95	813	1/2”	23,63	3,0	**1650**	827	1,35326	8,28624
	17	847	850	95	813	1/2”	25,10	3,2	**1753**	879	1,35326	8,80413
	18	847	900	95	813	1/2”	26,58	3,4	**1856**	931	1,35326	9,32202
	19	847	950	95	813	1/2”	28,06	3,6	**1959**	982	1,35326	9,83991
	20	847	1000	95	813	1/2”	29,53	3,8	**2062**	1034	1,35326	10,35780
	21	847	1050	95	813	1/2”	31,01	4,0	**2165**	1086	1,35326	10,87569
	22	847	1100	95	813	1/2”	32,49	4,2	**2268**	1137	1,35326	11,39358
	23	847	1150	95	813	1/2”	33,96	4,4	**2371**	1189	1,35326	11,91147
	24	847	1200	95	813	1/2”	35,44	4,5	**2474**	1241	1,35326	12,42936

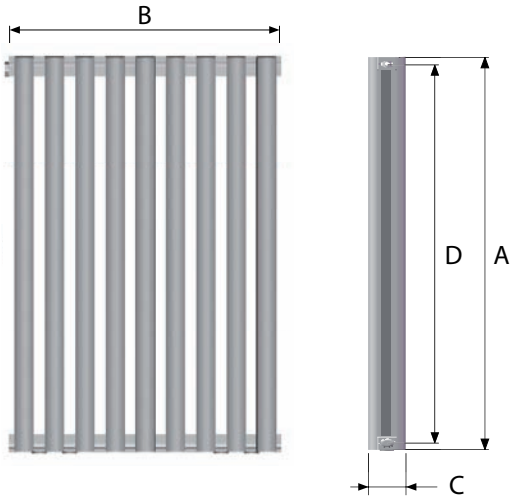
TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	934	200	95	900	1/2”	6,44	0,8	**451**	266	1,35124	2,28196
	5	934	250	95	900	1/2”	8,05	1,0	**564**	283	1,35124	2,85245
	6	934	300	95	900	1/2”	9,66	1,2	**676**	339	1,35124	3,42294
	7	934	350	95	900	1/2”	11,27	1,4	**789**	396	1,35124	3,99343
	8	934	400	95	900	1/2”	12,88	1,6	**902**	452	1,35124	4,56392
	9	934	450	95	900	1/2”	14,50	1,8	**1014**	509	1,35124	5,13441
	10	934	500	95	900	1/2”	16,11	2,1	**1127**	565	1,35124	5,70490
	11	934	550	95	900	1/2”	17,72	2,3	**1240**	622	1,35124	6,27539
	12	934	600	95	900	1/2”	19,33	2,5	**1352**	678	1,35124	6,84588
	13	934	650	95	900	1/2”	20,94	2,7	**1465**	735	1,35124	7,41637
900	14	934	700	95	900	1/2”	22,55	2,9	**1578**	791	1,35124	7,98686
	15	934	750	95	900	1/2”	24,16	3,1	**1691**	848	1,35124	8,55735
	16	934	800	95	900	1/2”	25,77	3,3	**1803**	904	1,35124	9,12784
	17	934	850	95	900	1/2”	27,38	3,5	**1916**	961	1,35124	9,69833
	18	934	900	95	900	1/2”	28,99	3,7	**2029**	1017	1,35124	10,26882
	19	934	950	95	900	1/2”	30,60	3,9	**2141**	1074	1,35124	10,83931
	20	934	1000	95	900	1/2”	32,21	4,1	**2254**	1130	1,35124	11,40980
	21	934	1050	95	900	1/2”	33,82	4,3	**2367**	1187	1,35124	11,98029
	22	934	1100	95	900	1/2”	35,43	4,5	**2479**	1243	1,35124	12,55078
	23	934	1150	95	900	1/2”	37,04	4,7	**2592**	1300	1,35124	13,12127
	24	934	1200	95	900	1/2”	38,65	4,9	**2705**	1356	1,35124	13,69176
	4	1034	200	95	1000	1/2”	7,06	0,9	**494**	246	1,36074	2,40976
	5	1034	250	95	1000	1/2”	8,82	1,1	**618**	308	1,36074	3,01220
	6	1034	300	95	1000	1/2”	10,58	1,3	**741**	370	1,36074	3,61464
	7	1034	350	95	1000	1/2”	12,35	1,6	**865**	431	1,36074	4,21708
	8	1034	400	95	1000	1/2”	14,11	1,8	**988**	493	1,36074	4,81952
	9	1034	450	95	1000	1/2”	15,88	2,0	**1112**	554	1,36074	5,42196
	10	1034	500	95	1000	1/2”	17,64	2,2	**1235**	616	1,36074	6,02440
	11	1034	550	95	1000	1/2”	19,41	2,5	**1359**	678	1,36074	6,62684
	12	1034	600	95	1000	1/2”	21,17	2,7	**1482**	739	1,36074	7,22928
	13	1034	650	95	1000	1/2”	22,93	2,9	**1606**	801	1,36074	7,83172
1000	14	1034	700	95	1000	1/2”	24,70	3,1	**1729**	862	1,36074	8,43416
	15	1034	750	95	1000	1/2”	26,46	3,4	**1853**	924	1,36074	9,03660
	16	1034	800	95	1000	1/2”	28,23	3,6	**1976**	986	1,36074	9,63904
	17	1034	850	95	1000	1/2”	29,99	3,8	**2100**	1047	1,36074	10,24148
	18	1034	900	95	1000	1/2”	31,75	4,0	**2223**	1109	1,36074	10,84392
	19	1034	950	95	1000	1/2”	33,52	4,2	**2347**	1170	1,36074	11,44636
	20	1034	1000	95	1000	1/2”	35,28	4,5	**2470**	1232	1,36074	12,04880
	21	1034	1050	95	1000	1/2”	37,05	4,7	**2594**	1294	1,36074	12,65124
	22	1034	1100	95	1000	1/2”	38,81	4,9	**2717**	1355	1,36074	13,25368
	23	1034	1150	95	1000	1/2”	40,57	5,1	**2841**	1417	1,36074	13,85612
	24	1034	1200	95	1000	1/2”	42,34	5,4	**2964**	1478	1,36074	14,45856
	4	1234	200	95	1200	1/2”	8,29	1,0	**578**	286	1,37973	2,61900
	5	1234	250	95	1200	1/2”	10,36	1,3	**723**	358	1,37973	3,27375
	6	1234	300	95	1200	1/2”	12,43	1,6	**868**	429	1,37973	3,92850
	7	1234	350	95	1200	1/2”	14,50	1,8	**1012**	501	1,37973	4,58325
	8	1234	400	95	1200	1/2”	16,57	2,1	**1157**	572	1,37973	5,23800
	9	1234	450	95	1200	1/2”	18,64	2,3	**1301**	644	1,37973	5,89275
1200	10	1234	500	95	1200	1/2”	20,72	2,6	**1446**	715	1,37973	6,54750
	11	1234	550	95	1200	1/2”	22,79	2,9	**1591**	787	1,37973	7,20225
	12	1234	600	95	1200	1/2”	24,86	3,1	**1735**	858	1,37973	7,85700
	13	1234	650	95	1200	1/2”	26,93	3,4	**1880**	930	1,37973	8,51175
	14	1234	700	95	1200	1/2”	29,00	3,6	**2024**	1001	1,37973	9,16650
	15	1234	750	95	1200	1/2”	31,07	3,9	**2169**	1073	1,37973	9,82125
	16	1234	800	95	1200	1/2”	33,15	4,2	**2314**	1144	1,37973	10,47600

TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	1434	200	95	1400	1/2”	9,51	1,2	**660**	323	1,39873	2,77356
	5	1434	250	95	1400	1/2”	11,89	1,5	**825**	404	1,39873	3,46695
	6	1434	300	95	1400	1/2”	14,27	1,8	**990**	484	1,39873	4,16034
	7	1434	350	95	1400	1/2”	16,65	2,1	**1155**	565	1,39873	4,85373
	8	1434	400	95	1400	1/2”	19,03	2,4	**1320**	646	1,39873	5,54712
	9	1434	450	95	1400	1/2”	21,41	2,7	**1485**	726	1,39873	6,24051
1400	10	1434	500	95	1400	1/2”	23,79	3,0	**1650**	807	1,39873	6,93390
	11	1434	550	95	1400	1/2”	26,16	3,3	**1815**	888	1,39873	7,62729
	12	1434	600	95	1400	1/2”	28,54	3,6	**1980**	968	1,39873	8,32068
	13	1434	650	95	1400	1/2”	30,92	3,9	**2145**	1049	1,39873	9,01407
	14	1434	700	95	1400	1/2”	33,30	4,2	**2310**	1130	1,39873	9,70746
	15	1434	750	95	1400	1/2”	35,68	4,4	**2475**	1211	1,39873	10,40085
	16	1434	800	95	1400	1/2”	38,06	4,7	**2640**	1291	1,39873	11,09424
	4	1634	200	95	1600	1/2”	10,75	1,3	**738**	362	1,39434	3,15788
	5	1634	250	95	1600	1/2”	13,43	1,7	**923**	453	1,39434	3,94735
	6	1634	300	95	1600	1/2”	16,12	2,0	**1108**	544	1,39434	4,73682
	7	1634	350	95	1600	1/2”	18,81	2,3	**1292**	634	1,39434	5,52629
	8	1634	400	95	1600	1/2”	21,49	2,7	**1477**	725	1,39434	6,31576
	9	1634	450	95	1600	1/2”	24,18	3,0	**1661**	815	1,39434	7,10523
1600	10	1634	500	95	1600	1/2”	26,87	3,3	**1846**	906	1,39434	7,89470
	11	1634	550	95	1600	1/2”	29,55	3,7	**2031**	997	1,39434	8,68417
	12	1634	600	95	1600	1/2”	32,24	4,0	**2215**	1087	1,39434	9,47364
	13	1634	650	95	1600	1/2”	34,93	4,3	**2400**	1178	1,39434	10,26311
	14	1634	700	95	1600	1/2”	37,61	4,7	**2584**	1268	1,39434	11,05258
	15	1634	750	95	1600	1/2”	40,30	5,0	**2769**	1359	1,39434	11,84205
	16	1634	800	95	1600	1/2”	42,99	5,3	**2954**	1450	1,39434	12,63152
	4	1769	200	95	1735	1/2”	11,57	1,4	**790**	388	1,39137	3,41804
	5	1769	250	95	1735	1/2”	14,47	1,8	**988**	485	1,39137	4,27255
	6	1769	300	95	1735	1/2”	17,36	2,1	**1185**	582	1,39137	5,12706
	7	1769	350	95	1735	1/2”	20,26	2,5	**1383**	679	1,39137	5,98157
	8	1769	400	95	1735	1/2”	23,15	2,9	**1580**	776	1,39137	6,83608
	9	1769	450	95	1735	1/2”	26,04	3,2	**1778**	873	1,39137	7,69059
1735	10	1769	500	95	1735	1/2”	28,94	3,6	**1975**	970	1,39137	8,54510
	11	1769	550	95	1735	1/2”	31,83	3,9	**2173**	1067	1,39137	9,39961
	12	1769	600	95	1735	1/2”	34,72	4,3	**2370**	1164	1,39137	10,25412
	13	1769	650	95	1735	1/2”	37,62	4,7	**2568**	1261	1,39137	11,10863
	14	1769	700	95	1735	1/2”	40,51	5,0	**2765**	1358	1,39137	11,96314
	15	1769	750	95	1735	1/2”	43,40	5,4	**2963**	1455	1,39137	12,81765
	16	1769	800	95	1735	1/2”	46,30	5,7	**3160**	1552	1,39137	13,67216
	4	1834	200	95	1800	1/2”	11,97	1,5	**814**	400	1,38994	3,54336
	5	1834	250	95	1800	1/2”	14,97	1,8	**1018**	501	1,38994	4,42920
	6	1834	300	95	1800	1/2”	17,96	2,2	**1222**	601	1,38994	5,31504
	7	1834	350	95	1800	1/2”	20,96	2,6	**1425**	701	1,38994	6,20088
	8	1834	400	95	1800	1/2”	23,95	3,0	**1629**	801	1,38994	7,08672
	9	1834	450	95	1800	1/2”	26,94	3,3	**1832**	901	1,38994	7,97256
1800	10	1834	500	95	1800	1/2”	29,94	3,7	**2036**	1001	1,38994	8,85840
	11	1834	550	95	1800	1/2”	32,93	4,1	**2240**	1101	1,38994	9,74424
	12	1834	600	95	1800	1/2”	35,92	4,4	**2443**	1201	1,38994	10,63008
	13	1834	650	95	1800	1/2”	38,92	4,8	**2647**	1301	1,38994	11,51592
	14	1834	700	95	1800	1/2”	41,91	5,2	**2850**	1401	1,38994	12,40176
	15	1834	750	95	1800	1/2”	44,90	5,5	**3054**	1502	1,38994	13,28760
	16	1834	800	95	1800	1/2”	47,90	5,9	**3258**	1602	1,38994	14,17344

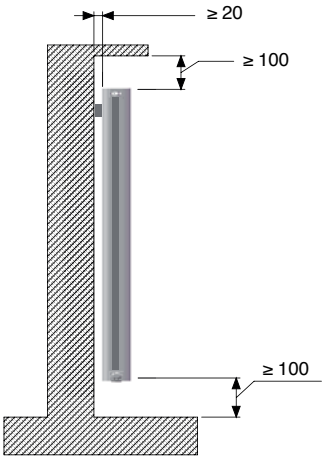
TONALE	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	heat output EN 442 ΔT 30°C Watt	exponent n	coefficient Km
	4	2034	200	95	2000	1/2”	13,20	1,6	**888**	438	1,37220	3,92960
	5	2034	250	95	2000	1/2”	16,50	2,0	**1110**	547	1,37220	4,91200
	6	2034	300	95	2000	1/2”	19,80	2,4	**1332**	656	1,37220	5,89440
	7	2034	350	95	2000	1/2”	23,10	2,8	**1554**	766	1,37220	6,87680
	8	2034	400	95	2000	1/2”	26,40	3,2	**1776**	875	1,37220	7,85920
	9	2034	450	95	2000	1/2”	29,71	3,7	**1998**	985	1,37220	8,84160
2000	10	2034	500	95	2000	1/2”	33,01	4,1	**2220**	1094	1,37220	9,82400
	11	2034	550	95	2000	1/2”	36,31	4,5	**2442**	1203	1,37220	10,80640
	12	2034	600	95	2000	1/2”	39,61	4,9	**2664**	1313	1,37220	11,78880
	13	2034	650	95	2000	1/2”	42,91	5,3	**2886**	1422	1,37220	12,77120
	14	2034	700	95	2000	1/2”	46,21	5,7	**3108**	1532	1,37220	13,75360
	15	2034	750	95	2000	1/2”	49,51	6,1	**3330**	1641	1,37220	14,73600
	16	2034	800	95	2000	1/2”	52,81	6,5	**3552**	1750	1,37220	15,71840

The heat output of the Global radiators is seen in the results of the tests carried out in accordance with the EN 442 standard

CE 2023 EN 442



The highest heat output can be obtained by mounting the radiators observing the following distances:
≥ 20 mm from the wall
≥ 100 mm from the floor
≥ 100 mm from the shelf or window-sills



In order to prevent thermal expansion of the system from causing noise at the heaters, it is recommended to position the plastic brackets (art. A260) in the centre of the space provided.

Thermal performance according to EN 442

The heat output of the Global sections highlighted in the catalogue are certified in accordance with the EN 442 standard, drawn up to respond to the standardisation requirements of heat output in the Member States of the European Community.

The advantages of a low temperature system will generate:

- lower fuel consumption due to the decrease in passive losses of thermal energy from boilers, pipes and heaters;
- improved hygiene of heated environments: this solution limits the convective motion of the air to the least necessary;
- lower thermal gradients in heated rooms with a consequent improvement of environmental comfort.

Heat output with ΔT other than 50°C and 30°C

The variation in heat output (**P**) is calculated by applying the characteristic equation **$P = Km \cdot \Delta T^n$**

where **P** = heat output
Km = characteristic coefficient of each radiator model
n = distinctive coefficient of the heating element
ΔT = the resultant of this equation **tm - ta**

where **tm** = **te+tu/2**
te = entry water temperature
tu = exit water temperature
ta = room temperature (standard 20°C)
tm = mean water temperature

Example Anteprima 1800/10 sections, ΔT 40°C
$P = Km \cdot \Delta T^n \rightarrow P = 8{,}8584 \cdot 40^{1{,}38994} = 1493$ Watt

L-SHAPED TOWEL RAILS
A263 white 300 mm (recommended up to 6 sections)
A263 special colours 300 mm (recommended up to 6 sections)
A264 white 400 mm (recommended over 8 sections)
A264 special colours 400 mm (recommended over 8 sections)

HANDY HOOK GRIP
A265 white
A265 special colours

A260 white bracket
A260 special colours bracket

A262 white grid
A262 chrome or special colours grid

A011 1/2" white blind plug

A011 1/2" chrome blind plug

A041 adjustable manual air vent valve - white

A038 adjustable manual air vent valve - chrome

A052 diverter

A019 plug wrench

A018 Cillit HS 23 Combi liquid

A017 RAL 9010 white marker

A010 RAL 9010 white or special colour spray can

ACCESSORIES INCLUDED FOR TONALE

n. 2/3 art. A260 brackets
art. A011 1/2" white or chrome plug (for coloured radiators)
n. 1 art. A041 1/2" white manual air vent valve or art. A038 chrome (for coloured radiators)

- Grids and hole plugs are supplied in the same colour as the radiator
- Chrome grids and hole plugs are supplied on request; free of charge for coloured radiators, at an extra charge for white radiators according to the price list
- Tonale radiators can also be fitted with a bottom connection (50 mm pipe centres), for underfloor pipes (G-H-i-L-M configurations) at a charge of € 10,00 net each radiator

CORRECT INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS

- Tonale radiators can be used in all hot water or vapour heating installations up to 110°C with a working pressure up to 1600 K Pascal -16 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- In order to avoid problems due to deposit and corrosion in the systems it is recommended that the water pH is checked (preferably between 6.5 and 8) and to introduce a suitable inhibitive additive, for instance Cillit-HS 23 AI or similar in the quantity recommended by the manufacturer.
- Automatic or manual air vent valves must be installed on radiators.
- Avoid complete closure of the radiator shut-off valves in order to allow any gas that there might be inside the same to escape through the automatic air vent valve, which is mandatory in any heating system, thus avoiding possible overpressure that could damage the radiators.
- If one or more batteries are to be excluded from the circuit, an automatic air vent must be fitted to each battery.
- To ensure lasting protection of painting, radiators must not be stored in very wet or damp environments before and after installation such as inside showers, saunas, turkish baths, near swimming pools etc.
  Paint peeling off on parts of the radiator could cause the formation of aluminium oxide and have the paint completely peeled off.
  Do not use porous clay humidifiers.
- For the external cleaning of the radiator, it is necessary to avoid the use of abrasive or chemically corrosive/aggressive products of any nature, as the use of water and neutral detergent is sufficient while performing the operation when the radiators are cold to maintain the original brilliance of the paint over time.
- Do not place weights and/or objects on the radiators. Do not use radiators for any purpose other than heating elements (e.g.: as a support system, as steps, as support for furniture or objects).

Tonale 9 sections, 1800 pipe centres, matt black colour, black grids, 1832 Wat

ante prima

SHADE AND LIGHT: INFINITE BALANCE

Light illuminates surfaces, invades voids, heating sections discard their weight.
Shadows emerge from the back wall reallocating consistency to the volumes.
Subtracting and adding, to create new perceptions for every change in lighting, supporting the movement that prompts the taste and style of living in the future.

RADIATORS FOR ARCHITECTURE

Anteprima 8 sections, 2000 pipe centres, black mat colour, black grids, 1737 Watt

Anteprima 10 sections, 2000 pipe centres, white colour, chrome grids, 2171 Watt

Anteprima 5 sections, 2000 pipe centres, white colour, chrome grids, 1086 Watt

Anteprima 9 sections, 1800 pipe centres, white sand colour, white grids, 1787 Watt

Anteprima 10 sections, 1400 pipe centres, black matt colour, black grids, 1600 Watt, with accessories

ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	384	300	95	350	1/2”	4,2	0,6	**288**	145	1,35335	1,44696
	7	384	350	95	350	1/2”	4,9	0,7	**336**	169	1,35335	1,68812
	8	384	400	95	350	1/2”	5,6	0,8	**384**	193	1,35335	1,92928
	9	384	450	95	350	1/2”	6,3	0,9	**432**	217	1,35335	2,17044
	10	384	500	95	350	1/2”	7,0	1,0	**480**	241	1,35335	2,41160
	11	384	550	95	350	1/2”	7,7	1,2	**528**	265	1,35335	2,65276
	12	384	600	95	350	1/2”	8,4	1,3	**576**	289	1,35335	2,89392
	13	384	650	95	350	1/2”	9,1	1,4	**624**	313	1,35335	3,13508
	14	384	700	95	350	1/2”	9,8	1,5	**672**	337	1,35335	3,37624
350	15	384	750	95	350	1/2”	10,5	1,6	**720**	362	1,35335	3,61740
	16	384	800	95	350	1/2”	11,2	1,7	**768**	386	1,35335	3,85856
	17	384	850	95	350	1/2”	11,9	1,8	**816**	410	1,35335	4,09972
	18	384	900	95	350	1/2”	12,6	1,9	**864**	434	1,35335	4,34088
	19	384	950	95	350	1/2”	13,3	2,0	**912**	458	1,35335	4,58204
	20	384	1000	95	350	1/2”	14,0	2,1	**960**	482	1,35335	4,82320
	21	384	1050	95	350	1/2”	14,7	2,2	**1008**	506	1,35335	5,06436
	22	384	1100	95	350	1/2”	15,4	2,3	**1056**	530	1,35335	5,30552
	23	384	1150	95	350	1/2”	16,1	2,4	**1104**	554	1,35335	5,54668
	24	384	1200	95	350	1/2”	16,8	2,5	**1152**	578	1,35335	5,78784
	6	534	300	95	500	1/2”	5,4	0,8	**391**	197	1,34756	2,00970
	7	534	350	95	500	1/2”	6,3	0,9	**456**	230	1,34756	2,34465
	8	534	400	95	500	1/2”	7,2	1,1	**522**	262	1,34756	2,67960
	9	534	450	95	500	1/2”	8,1	1,2	**587**	295	1,34756	3,01455
	10	534	500	95	500	1/2”	9,0	1,3	**652**	328	1,34756	3,34950
	11	534	550	95	500	1/2”	9,9	1,5	**717**	361	1,34756	3,68445
	12	534	600	95	500	1/2”	10,8	1,6	**782**	394	1,34756	4,01940
	13	534	650	95	500	1/2”	11,7	1,7	**848**	426	1,34756	4,35435
	14	534	700	95	500	1/2”	12,6	1,9	**913**	459	1,34756	4,68930
500	15	534	750	95	500	1/2”	13,5	2,0	**978**	492	1,34756	5,02425
	16	534	800	95	500	1/2”	14,4	2,1	**1043**	525	1,34756	5,35920
	17	534	850	95	500	1/2”	15,3	2,2	**1108**	558	1,34756	5,69415
	18	534	900	95	500	1/2”	16,2	2,4	**1174**	590	1,34756	5,02910
	19	534	950	95	500	1/2”	17,1	2,5	**1239**	623	1,34756	6,36405
	20	534	1000	95	500	1/2”	18,0	2,6	**1304**	656	1,34756	6,69900
	21	534	1050	95	500	1/2”	18,9	2,8	**1369**	689	1,34756	7,03395
	22	534	1100	95	500	1/2”	19,8	2,9	**1434**	722	1,34756	7,36890
	23	534	1150	95	500	1/2”	20,7	3,0	**1500**	754	1,34756	7,70385
	24	534	1200	95	500	1/2”	21,6	3,2	**1565**	787	1,34756	8,03880
	6	564	300	95	530	1/2”	5,7	0,8	**412**	207	1,34640	2,12346
	7	564	350	95	530	1/2”	6,7	1,0	**480**	242	1,34640	2,47737
	8	564	400	95	530	1/2”	7,6	1,1	**549**	276	1,34640	2,83128
	9	564	450	95	530	1/2”	8,6	1,2	**617**	311	1,34640	3,18519
	10	564	500	95	530	1/2”	9,5	1,4	**686**	345	1,34640	3,53910
	11	564	550	95	530	1/2”	10,5	1,5	**755**	380	1,34640	3,89301
	12	564	600	95	530	1/2”	11,4	1,7	**823**	414	1,34640	4,24692
	13	564	650	95	530	1/2”	12,4	1,8	**892**	449	1,34640	4,60083
	14	564	700	95	530	1/2”	13,3	1,9	**960**	483	1,34640	4,95474
530	15	564	750	95	530	1/2”	14,3	2,1	**1029**	518	1,34640	5,30865
	16	564	800	95	530	1/2”	15,2	2,2	**1098**	552	1,34640	5,66256
	17	564	850	95	530	1/2”	16,2	2,3	**1166**	587	1,34640	6,01647
	18	564	900	95	530	1/2”	11,1	2,5	**1235**	621	1,34640	6,37038
	19	564	950	95	530	1/2”	18,1	2,6	**1303**	656	1,34640	6,72429
	20	564	1000	95	530	1/2”	19,0	2,8	**1372**	690	1,34640	7,07820
	21	564	1050	95	530	1/2”	20,0	2,9	**1441**	725	1,34640	7,43211
	22	564	1100	95	530	1/2”	20,9	3,0	**1509**	759	1,34640	7,78602
	23	564	1150	95	530	1/2”	21,9	3,2	**1578**	794	1,34640	8,13993
	24	564	1200	95	530	1/2”	22,8	3,3	**1646**	828	1,34640	8,49384

ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	634	300	95	600	1/2”	6,3	0,9	**458**	231	1,34370	2,39028
	7	634	350	95	600	1/2”	7,4	1,1	**535**	270	1,34370	2,78866
	8	634	400	95	600	1/2”	8,4	1,2	**611**	308	1,34370	3,18704
	9	634	450	95	600	1/2”	9,5	1,4	**688**	347	1,34370	3,58542
	10	634	500	95	600	1/2”	10,5	1,5	**764**	385	1,34370	3,98380
	11	634	550	95	600	1/2”	11,6	1,7	**840**	424	1,34370	4,38218
	12	634	600	95	600	1/2”	12,6	1,8	**917**	462	1,34370	4,78056
	13	634	650	95	600	1/2”	13,7	2,0	**993**	501	1,34370	5,17894
	14	634	700	95	600	1/2”	14,7	2,1	**1070**	539	1,34370	5,57732
600	15	634	750	95	600	1/2”	15,8	2,3	**1146**	578	1,34370	5,97570
	16	634	800	95	600	1/2”	16,8	2,4	**1222**	616	1,34370	6,37408
	17	634	850	95	600	1/2”	17,9	2,6	**1299**	655	1,34370	6,77246
	18	634	900	95	600	1/2”	18,9	2,7	**1375**	693	1,34370	7,17084
	19	634	950	95	600	1/2”	20,0	2,9	**1452**	732	1,34370	7,56922
	20	634	1000	95	600	1/2”	21,0	3,0	**1528**	770	1,34370	7,96760
	21	634	1050	95	600	1/2”	22,1	3,2	**1604**	809	1,34370	8,36598
	22	634	1100	95	600	1/2”	23,1	3,3	**1681**	847	1,34370	8,76436
	23	634	1150	95	600	1/2”	24,2	3,5	**1757**	886	1,34370	9,16274
	24	634	1200	95	600	1/2”	25,2	3,6	**1834**	924	1,34370	9,56112
	6	657	300	95	623	1/2”	6,6	0,9	**474**	239	1,34281	2,47836
	7	657	350	95	623	1/2”	7,7	1,1	**553**	279	1,34281	2,89142
	8	657	400	95	623	1/2”	8,8	1,2	**632**	318	1,34281	3,30448
	9	657	450	95	623	1/2”	9,9	1,4	**711**	358	1,34281	3,71754
	10	657	500	95	623	1/2”	11,0	1,5	**790**	398	1,34281	4,13060
	11	657	550	95	623	1/2”	12,1	1,7	**869**	438	1,34281	4,54366
	12	657	600	95	623	1/2”	13,2	1,9	**948**	478	1,34281	4,95672
	13	657	650	95	623	1/2”	14,3	2,0	**1027**	517	1,34281	5,36978
	14	657	700	95	623	1/2”	15,4	2,2	**1106**	557	1,34281	5,78284
623	15	657	750	95	623	1/2”	16,5	2,3	**1185**	597	1,34281	6,19590
	16	657	800	95	623	1/2”	17,6	2,5	**1264**	637	1,34281	6,60896
	17	657	850	95	623	1/2”	18,7	2,6	**1343**	677	1,34281	7,02202
	18	657	900	95	623	1/2”	19,8	2,8	**1422**	716	1,34281	7,43508
	19	657	950	95	623	1/2”	20,9	2,9	**1501**	756	1,34281	7,84814
	20	657	1000	95	623	1/2”	22,0	3,1	**1580**	796	1,34281	8,26120
	21	657	1050	95	623	1/2”	23,1	3,2	**1659**	836	1,34281	8,67426
	22	657	1100	95	623	1/2”	24,2	3,4	**1738**	876	1,34281	9,08732
	23	657	1150	95	623	1/2”	25,3	3,6	**1817**	915	1,34281	9,50038
	24	657	1200	95	623	1/2”	26,4	3,7	**1896**	955	1,34281	9,91344
	6	734	300	95	700	1/2”	7,5	1,0	**524**	265	1,33983	2,77578
	7	734	350	95	700	1/2”	8,8	1,2	**612**	309	1,33983	3,23841
	8	734	400	95	700	1/2”	10,0	1,4	**699**	353	1,33983	3,70104
	9	734	450	95	700	1/2”	11,3	1,5	**787**	397	1,33983	4,16367
	10	734	500	95	700	1/2”	12,5	1,7	**874**	441	1,33983	4,62630
	11	734	550	95	700	1/2”	13,8	1,9	**961**	485	1,33983	5,08893
	12	734	600	95	700	1/2”	15,0	2,0	**1049**	529	1,33983	5,55156
	13	734	650	95	700	1/2”	16,3	2,2	**1136**	573	1,33983	6,01419
	14	734	700	95	700	1/2”	17,5	2,4	**1224**	617	1,33983	6,47682
700	15	734	750	95	700	1/2”	18,8	2,5	**1311**	662	1,33983	6,93945
	16	734	800	95	700	1/2”	20,0	2,7	**1398**	706	1,33983	7,40208
	17	734	850	95	700	1/2”	21,3	2,9	**1486**	750	1,33983	7,86471
	18	734	900	95	700	1/2”	22,5	3,0	**1573**	794	1,33983	8,32734
	19	734	950	95	700	1/2”	23,8	3,2	**1661**	838	1,33983	8,78997
	20	734	1000	95	700	1/2”	25,0	3,4	**1748**	882	1,33983	9,25260
	21	734	1050	95	700	1/2”	26,3	3,5	**1835**	926	1,33983	9,71523
	22	734	1100	95	700	1/2”	27,5	3,7	**1923**	970	1,33983	10,17786
	23	734	1150	95	700	1/2”	28,8	3,9	**2010**	1014	1,33983	10,64049
	24	734	1200	95	700	1/2”	30,0	4,1	**2098**	1058	1,33983	11,10312

ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	6	764	300	95	730	1/2”	7,8	1,0	**544**	275	1,33868	2,89224
	7	764	350	95	730	1/2”	9,1	1,2	**635**	321	1,33868	3,37428
	8	764	400	95	730	1/2”	10,4	1,4	**726**	366	1,33868	3,85632
	9	764	450	95	730	1/2”	11,7	1,6	**816**	412	1,33868	4,33836
	10	764	500	95	730	1/2”	13,0	1,7	**907**	458	1,33868	4,82040
	11	764	550	95	730	1/2”	14,3	1,9	**998**	504	1,33868	5,30244
	12	764	600	95	730	1/2”	15,6	2,1	**1088**	550	1,33868	5,78448
	13	764	650	95	730	1/2”	16,9	2,3	**1179**	595	1,33868	6,26652
	14	764	700	95	730	1/2”	18,2	2,4	**1270**	641	1,33868	6,74856
730	15	764	750	95	730	1/2”	19,5	2,6	**1361**	687	1,33868	7,23060
	16	764	800	95	730	1/2”	20,8	2,8	**1451**	733	1,33868	7,71264
	17	764	850	95	730	1/2”	22,1	3,0	**1542**	779	1,33868	8,19468
	18	764	900	95	730	1/2”	23,4	3,1	**1633**	824	1,33868	8,67672
	19	764	950	95	730	1/2”	24,7	3,3	**1723**	870	1,33868	9,15876
	20	764	1000	95	730	1/2”	26,0	3,5	**1814**	916	1,33868	9,64080
	21	764	1050	95	730	1/2”	27,3	3,7	**1905**	962	1,33868	10,12284
	22	764	1100	95	730	1/2”	28,6	3,8	**1995**	1008	1,33868	10,60488
	23	764	1150	95	730	1/2”	29,9	4,0	**2086**	1053	1,33868	11,08692
	24	764	1200	95	730	1/2”	31,2	4,2	**2177**	1099	1,33868	11,56896
	6	834	300	95	800	1/2”	8,4	1,1	**589**	298	1,33597	3,16680
	7	834	350	95	800	1/2”	9,8	1,3	**687**	347	1,33597	3,69460
	8	834	400	95	800	1/2”	11,2	1,5	**786**	397	1,33597	4,22240
	9	834	450	95	800	1/2”	12,6	1,7	**884**	446	1,33597	4,75020
	10	834	500	95	800	1/2”	14,0	1,9	**982**	496	1,33597	5,27800
	11	834	550	95	800	1/2”	15,4	2,1	**1080**	546	1,33597	5,80580
	12	834	600	95	800	1/2”	16,8	2,2	**1178**	595	1,33597	6,33360
	13	834	650	95	800	1/2”	18,2	2,4	**1277**	645	1,33597	6,86140
	14	834	700	95	800	1/2”	19,6	2,6	**1375**	694	1,33597	7,38920
800	15	834	750	95	800	1/2”	21,0	2,8	**1473**	744	1,33597	7,91700
	16	834	800	95	800	1/2”	22,4	3,0	**1571**	794	1,33597	8,44480
	17	834	850	95	800	1/2”	23,8	3,2	**1669**	843	1,33597	8,97260
	18	834	900	95	800	1/2”	25,2	3,4	**1768**	893	1,33597	9,50040
	19	834	950	95	800	1/2”	26,6	3,6	**1866**	942	1,33597	10,02820
	20	834	1000	95	800	1/2”	28,0	3,7	**1964**	992	1,33597	10,55600
	21	834	1050	95	800	1/2”	29,4	3,9	**2062**	1042	1,33597	11,08380
	22	834	1100	95	800	1/2”	30,8	4,1	**2160**	1091	1,33597	11,61160
	23	834	1150	95	800	1/2”	32,2	4,3	**2259**	1141	1,33597	12,13940
	24	834	1200	95	800	1/2”	33,6	4,5	**2357**	1190	1,33597	12,66720
	6	847	300	95	813	1/2”	8,7	1,1	**598**	302	1,33547	3,21792
	7	847	350	95	813	1/2”	10,2	1,3	**697**	353	1,33547	3,75424
	8	847	400	95	813	1/2”	11,6	1,5	**797**	403	1,33547	4,29056
	9	847	450	95	813	1/2”	13,1	1,7	**896**	454	1,33547	4,82688
	10	847	500	95	813	1/2”	14,5	1,9	**996**	504	1,33547	5,36320
	11	847	550	95	813	1/2”	16,0	2,1	**1096**	554	1,33547	5,89952
	12	847	600	95	813	1/2”	17,4	2,3	**1195**	605	1,33547	6,43584
	13	847	650	95	813	1/2”	18,9	2,5	**1295**	655	1,33547	6,97216
	14	847	700	95	813	1/2”	20,3	2,7	**1394**	706	1,33547	7,50848
813	15	847	750	95	813	1/2”	21,8	2,8	**1494**	756	1,33547	8,04480
	16	847	800	95	813	1/2”	23,2	3,0	**1594**	806	1,33547	8,58112
	17	847	850	95	813	1/2”	24,7	3,2	**1693**	857	1,33547	9,11744
	18	847	900	95	813	1/2”	26,1	3,4	**1793**	907	1,33547	9,65376
	19	847	950	95	813	1/2”	27,6	3,6	**1892**	958	1,33547	10,19008
	20	847	1000	95	813	1/2”	29,0	3,8	**1992**	1008	1,33547	10,72640
	21	847	1050	95	813	1/2”	30,5	4,0	**2092**	1058	1,33547	11,26272
	22	847	1100	95	813	1/2”	31,9	4,2	**2191**	1109	1,33547	11,79904
	23	847	1150	95	813	1/2”	33,4	4,4	**2291**	1159	1,33547	12,33563
	24	847	1200	95	813	1/2”	34,8	4,5	**2390**	1210	1,33547	12,87168

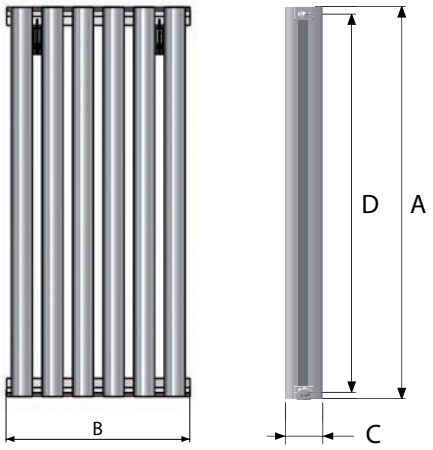
ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	934	200	95	900	1/2”	6,4	0,8	**436**	220	1,33211	2,37572
	5	934	250	95	900	1/2”	8,0	1,0	**545**	276	1,33211	2,96965
	6	934	300	95	900	1/2”	9,6	1,2	**653**	331	1,33211	3,56358
	7	934	350	95	900	1/2”	11,2	1,4	**762**	386	1,33211	4,15751
	8	934	400	95	900	1/2”	12,8	1,6	**871**	441	1,33211	4,75144
	9	934	450	95	900	1/2”	14,4	1,8	**980**	496	1,33211	5,34537
	10	934	500	95	900	1/2”	16,0	2,1	**1089**	551	1,33211	5,93930
	11	934	550	95	900	1/2”	17,6	2,3	**1198**	606	1,33211	6,53323
	12	934	600	95	900	1/2”	19,2	2,5	**1307**	661	1,33211	7,12716
	13	934	650	95	900	1/2”	20,8	2,7	**1416**	716	1,33211	7,72109
900	14	934	700	95	900	1/2”	22,4	2,9	**1525**	771	1,33211	8,31502
	15	934	750	95	900	1/2”	24,0	3,1	**1634**	827	1,33211	8,90895
	16	934	800	95	900	1/2”	25,6	3,3	**1742**	882	1,33211	9,50288
	17	934	850	95	900	1/2”	27,2	3,5	**1851**	937	1,33211	10,09681
	18	934	900	95	900	1/2”	28,8	3,7	**1960**	992	1,33211	10,69074
	19	934	950	95	900	1/2”	30,4	3,9	**2069**	1047	1,33211	11,28467
	20	934	1000	95	900	1/2”	32,0	4,1	**2178**	1102	1,33211	11,87860
	21	934	1050	95	900	1/2”	33,6	4,3	**2287**	1157	1,33211	12,47253
	22	934	1100	95	900	1/2”	35,2	4,5	**2396**	1212	1,33211	13,06646
	23	934	1150	95	900	1/2”	36,8	4,7	**2505**	1267	1,33211	13,66039
	24	934	1200	95	900	1/2”	38,4	4,9	**2614**	1322	1,33211	14,25432
	4	1034	200	95	1000	1/2”	7,2	0,9	**478**	240	1,34265	2,49960
	5	1034	250	95	1000	1/2”	9,0	1,1	**597**	301	1,34265	3,12450
	6	1034	300	95	1000	1/2”	10,8	1,3	**716**	361	1,34265	3,74940
	7	1034	350	95	1000	1/2”	12,6	1,6	**836**	421	1,34265	4,37430
	8	1034	400	95	1000	1/2”	14,4	1,8	**955**	481	1,34265	4,99920
	9	1034	450	95	1000	1/2”	16,2	2,0	**1075**	541	1,34265	5,62410
	10	1034	500	95	1000	1/2”	18,8	2,2	**1194**	601	1,34265	6,24900
	11	1034	550	95	1000	1/2”	19,8	2,5	**1313**	661	1,34265	6,87390
	12	1034	600	95	1000	1/2”	21,6	2,7	**1433**	721	1,34265	7,49880
	13	1034	650	95	1000	1/2”	23,4	2,9	**1552**	781	1,34265	8,12370
1000	14	1034	700	95	1000	1/2”	25,2	3,1	**1672**	841	1,34265	8,74860
	15	1034	750	95	1000	1/2”	27,0	3,4	**1791**	902	1,34265	9,37350
	16	1034	800	95	1000	1/2”	28,8	3,6	**1910**	962	1,34265	9,99840
	17	1034	850	95	1000	1/2”	30,6	3,8	**2030**	1022	1,34265	10,62330
	18	1034	900	95	1000	1/2”	32,4	4,0	**2149**	1082	1,34265	11,24820
	19	1034	950	95	1000	1/2”	34,2	4,2	**2269**	1142	1,34265	11,87310
	20	1034	1000	95	1000	1/2”	36,0	4,5	**2388**	1202	1,34265	12,49800
	21	1034	1050	95	1000	1/2”	37,8	4,7	**2507**	1262	1,34265	13,12290
	22	1034	1100	95	1000	1/2”	39,6	4,9	**2627**	1322	1,34265	13,74780
	23	1034	1150	95	1000	1/2”	41,4	5,1	**2746**	1382	1,34265	14,37270
	24	1034	1200	95	1000	1/2”	43,2	5,4	**2866**	1442	1,34265	14,99760
	4	1234	200	95	1200	1/2”	8,8	1,0	**560**	279	1,36372	2,69824
	5	1234	250	95	1200	1/2”	11,0	1,3	**700**	349	1,36372	3,37280
	6	1234	300	95	1200	1/2”	13,2	1,6	**839**	418	1,36372	4,04736
	7	1234	350	95	1200	1/2”	15,4	1,8	**979**	488	1,36372	4,72192
	8	1234	400	95	1200	1/2”	17,6	2,1	**1119**	558	1,36372	5,39648
	9	1234	450	95	1200	1/2”	19,8	2,3	**1259**	627	1,36372	6,07104
1200	10	1234	500	95	1200	1/2”	22,0	2,6	**1399**	697	1,36372	6,74560
	11	1234	550	95	1200	1/2”	24,2	2,9	**1539**	767	1,36372	7,42016
	12	1234	600	95	1200	1/2”	26,4	3,1	**1679**	836	1,36372	8,09472
	13	1234	650	95	1200	1/2”	28,6	3,4	**1819**	906	1,36372	8,76928
	14	1234	700	95	1200	1/2”	30,8	3,6	**1959**	976	1,36372	9,44384
	15	1234	750	95	1200	1/2”	33,0	3,9	**2099**	1046	1,36372	10,11840
	16	1234	800	95	1200	1/2”	35,2	4,2	**2238**	1115	1,36372	10,79269

ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	1434	200	95	1400	1/2”	9,6	1,2	**640**	315	1,38479	2,84024
	5	1434	250	95	1400	1/2”	12,0	1,5	**800**	394	1,38479	3,55030
	6	1434	300	95	1400	1/2”	14,4	1,8	**960**	473	1,38479	4,26036
	7	1434	350	95	1400	1/2”	16,8	2,1	**1120**	552	1,38479	4,97042
	8	1434	400	95	1400	1/2”	19,2	2,4	**1280**	630	1,38479	5,68048
	9	1434	450	95	1400	1/2”	21,6	2,7	**1440**	709	1,38479	6,39054
1400	10	1434	500	95	1400	1/2”	24,0	3,0	**1600**	788	1,38479	7,10060
	11	1434	550	95	1400	1/2”	26,4	3,3	**1760**	867	1,38479	7,81066
	12	1434	600	95	1400	1/2”	28,8	3,6	**1920**	946	1,38479	8,52072
	13	1434	650	95	1400	1/2”	31,2	3,9	**2080**	1024	1,38479	9,23078
	14	1434	700	95	1400	1/2”	33,6	4,2	**2240**	1103	1,38479	9,94084
	15	1434	750	95	1400	1/2”	36,0	4,4	**2400**	1182	1,38479	10,65090
	16	1434	800	95	1400	1/2”	38,4	4,7	**2560**	1261	1,38479	11,36096
	4	1634	200	95	1600	1/2”	10,4	1,3	**718**	355	1,37997	3,24732
	5	1634	250	95	1600	1/2”	13,0	1,7	**898**	444	1,37997	4,05915
	6	1634	300	95	1600	1/2”	15,6	2,0	**1077**	532	1,37997	4,87098
	7	1634	350	95	1600	1/2”	18,2	2,3	**1257**	621	1,37997	5,68281
	8	1634	400	95	1600	1/2”	20,8	2,7	**1436**	710	1,37997	6,49464
	9	1634	450	95	1600	1/2”	23,4	3,0	**1616**	798	1,37997	7,30647
1600	10	1634	500	95	1600	1/2”	26,0	3,3	**1795**	887	1,37997	8,11830
	11	1634	550	95	1600	1/2”	28,6	3,7	**1975**	976	1,37997	8,93013
	12	1634	600	95	1600	1/2”	31,2	4,0	**2154**	1064	1,37997	9,74196
	13	1634	650	95	1600	1/2”	33,8	4,3	**2334**	1153	1,37997	10,55379
	14	1634	700	95	1600	1/2”	36,4	4,7	**2513**	1242	1,37997	11,36562
	15	1634	750	95	1600	1/2”	39,0	5,0	**2693**	1331	1,37997	12,17745
	16	1634	800	95	1600	1/2”	41,6	5,3	**2872**	1419	1,37997	12,98928
	4	1769	200	95	1735	1/2”	11,2	1,4	**770**	381	1,37672	3,52528
	5	1769	250	95	1735	1/2”	14,0	1,8	**962**	476	1,37672	4,40660
	6	1769	300	95	1735	1/2”	16,8	2,1	**1154**	571	1,37672	5,28792
	7	1769	350	95	1735	1/2”	19,6	2,5	**1347**	666	1,37672	6,16924
	8	1769	400	95	1735	1/2”	22,4	2,9	**1539**	762	1,37672	7,05056
	9	1769	450	95	1735	1/2”	25,2	3,2	**1732**	857	1,37672	7,93188
1735	10	1769	500	95	1735	1/2”	28,0	3,6	**1924**	952	1,37672	8,81320
	11	1769	550	95	1735	1/2”	30,8	3,9	**2116**	1047	1,37672	9,69452
	12	1769	600	95	1735	1/2”	33,6	4,3	**2309**	1142	1,37672	10,57584
	13	1769	650	95	1735	1/2”	36,4	4,7	**2501**	1238	1,37672	11,45716
	14	1769	700	95	1735	1/2”	39,2	5,0	**2694**	1333	1,37672	12,33848
	15	1769	750	95	1735	1/2”	42,0	5,4	**2886**	1428	1,37672	13,21980
	16	1769	800	95	1735	1/2”	44,8	5,7	**3078**	1523	1,37672	14,10112
	4	1834	200	95	1800	1/2”	11,6	1,5	**794**	393	1,37515	3,66020
	5	1834	250	95	1800	1/2”	14,5	1,8	**993**	492	1,37515	4,57525
	6	1834	300	95	1800	1/2”	17,4	2,2	**1191**	590	1,37515	5,49030
	7	1834	350	95	1800	1/2”	20,3	2,6	**1390**	688	1,37515	6,40535
	8	1834	400	95	1800	1/2”	23,2	3,0	**1588**	786	1,37515	7,32040
	9	1834	450	95	1800	1/2”	26,1	3,3	**1787**	885	1,37515	8,23545
1800	10	1834	500	95	1800	1/2”	29,0	3,7	**1985**	983	1,37515	9,15050
	11	1834	550	95	1800	1/2”	31,9	4,1	**2184**	1081	1,37515	10,06555
	12	1834	600	95	1800	1/2”	34,8	4,4	**2382**	1180	1,37515	10,98060
	13	1834	650	95	1800	1/2”	37,7	4,8	**2581**	1278	1,37515	11,89565
	14	1834	700	95	1800	1/2”	40,6	5,2	**2779**	1376	1,37515	12,81070
	15	1834	750	95	1800	1/2”	43,5	5,5	**2978**	1475	1,37515	13,72575
	16	1834	800	95	1800	1/2”	46,4	5,9	**3176**	1573	1,37515	14,64080

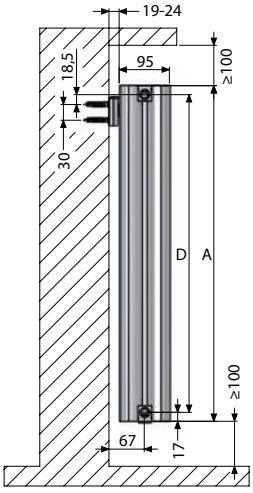
ANTEPRIMA	n. of sections	dimensions mm A overall height	B width	C depht	D pipe centres	Ø connec-tions	empty weight Kg ca.	contents water litres	heat output EN 442 ΔT 50°C Watt	ΔT 30°C Watt	exponent n	coefficient Km
	4	2034	200	95	2000	1/2”	12,8	1,6	**868**	431	1,37033	4,07896
	5	2034	250	95	2000	1/2”	16,0	2,0	**1086**	539	1,37033	5,09870
	6	2034	300	95	2000	1/2”	19,2	2,4	**1303**	647	1,37033	6,11844
	7	2034	350	95	2000	1/2”	22,4	2,8	**1520**	755	1,37033	7,13818
	8	2034	400	95	2000	1/2”	25,6	3,2	**1737**	862	1,37033	8,15792
	9	2034	450	95	2000	1/2”	28,8	3,7	**1954**	970	1,37033	9,17766
2000	10	2034	500	95	2000	1/2”	32,0	4,1	**2171**	1078	1,37033	10,19740
	11	2034	550	95	2000	1/2”	35,2	4,5	**2388**	1186	1,37033	11,21714
	12	2034	600	95	2000	1/2”	38,4	4,9	**2605**	1294	1,37033	12,23688
	13	2034	650	95	2000	1/2”	41,6	5,3	**2822**	1401	1,37033	13,25662
	14	2034	700	95	2000	1/2”	44,8	5,7	**3039**	1509	1,37033	14,27636
	15	2034	750	95	2000	1/2”	48,0	6,1	**3257**	1617	1,37033	15,29610
	16	2034	800	95	2000	1/2”	51,2	6,5	**3474**	1725	1,37033	16,31584

The heat output of the Global radiators is seen in the results of the tests carried out in accordance with the EN 442 standard

CE 2023 EN 442



The highest heat output can be obtained by mounting the radiators observing the following distances:
= 19 - 24 mm from the wall
≥ 100 mm from the floor
≥ 100 mm from the shelf or window-sills



In order to prevent thermal expansion of the system from causing noise at the heaters, it is recommended to position the plastic brackets (art. A260, included in the supply) in the centre of the space provided.

Thermal performance according to EN 442

The heat output of the Global sections highlighted in the catalogue are certified in accordance with the EN 442 standard, drawn up to respond to the standardisation requirements of heat output in the Member States of the European Community. The advantages of a low temperature system will generate:
- lower fuel consumption due to the decrease in passive losses of thermal energy from boilers, pipes and heaters;
- improved hygiene of heated environments: this solution limits the convective motion of the air to the least necessary;
- lower thermal gradients in heated rooms with a consequent improvement of environmental comfort.

Heat output with ΔT other than 50°C and 30°C

The variation in heat output (**P**) is calculated by applying the characteristic equation **$P = Km \cdot \Delta T^n$**

where **P** = heat output
Km = characteristic coefficient of each radiator model
n = distinctive coefficient of the heating element
ΔT = the resultant of this equation **tm - ta**

where **tm** = **te+tu/2**
te = entry water temperature
tu = exit water temperature
ta = room temperature (standard 20°C)
tm = mean water temperature

Example Anteprima 1800/10 sections, ΔT 40°C
$P = Km \cdot \Delta T^n \rightarrow P = 9{,}15050 \cdot 40^{1{,}37515} = 1461$ Watt

L-SHAPED TOWEL RAILS
A266 white 300 mm (recommended up to 6 sections)
A266 special colours 300 mm (recommended up to 6 sections)
A267 white 400 mm (recommended over 8 sections)
A267 special colours 400 mm (recommended over 8 sections)

HANDY HOOK GRIP
A265 white
A265 special colours

A260 white bracket
A260 special colours bracket

A268 white grid
A268 chrome or special colours grid

A011 1/2" white blind plug

A011 1/2" chrome blind plug

A041 adjustable manual air vent valve - white

A038 adjustable manual air vent valve - chrome

A052 diverter

A018 Cillit HS 23 Combi liquid

A019 plug wrench

A017 RAL 9010 white marker

A010 RAL 9010 white or special colour spray can

ACCESSORIES INCLUDED FOR ANTEPRIMA

n. 2/3 art. A260 brackets
art. A011 1/2" white or chrome plug (for coloured radiators)
n. 1 art. A041 1/2" white manual air vent valve or art. A038 chrome (for coloured radiators)

- Grids and hole plugs are supplied in the same colour as the radiator
- Chrome grids and hole plugs are supplied on request; free of charge for coloured radiators, at an extra charge for white radiators according to the price list
- Anteprima radiators can also be fitted with a bottom connection (50 mm pipe centres), for underfloor pipes (G-H-i-L-M configurations) at a charge of € 10,00 net each radiator

CORRECT INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS

- Anteprima radiators can be used in all hot water or vapour heating installations up to 110°C with a working pressure up to 1600 K Pascal -16 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- In order to avoid problems due to deposit and corrosion in the systems it is recommended that the water pH is checked (preferably between 6.5 and 8) and to introduce a suitable inhibitive additive, for instance Cillit-HS 23 AI or similar in the quantity recommended by the manufacturer.
- Automatic or manual air vent valves must be installed on radiators.
- Avoid complete closure of the radiator shut-off valves in order to allow any gas that there might be inside the same to escape through the automatic air vent valve, which is mandatory in any heating system, thus avoiding possible overpressure that could damage the radiators.
- If one or more batteries are to be excluded from the circuit, an automatic air vent must be fitted to each battery.
- To ensure lasting protection of painting, radiators must not be stored in very wet or damp environments before and after installation such as inside showers, saunas, turkish baths, near swimming pools etc.
  Paint peeling off on parts of the radiator could cause the formation of aluminium oxide and have the paint completely peeled off.
  Do not use porous clay humidifiers.
- For the external cleaning of the radiator, it is necessary to avoid the use of abrasive or chemically corrosive/aggressive products of any nature, as the use of water and neutral detergent is sufficient while performing the operation when the radiators are cold to maintain the original brilliance of the paint over time.
- Do not place weights and/or objects on the radiators. Do not use radiators for any purpose other than heating elements (e.g.: as a support system, as steps, as support for furniture or objects).

HOW TO USE CODES FOR ORDERING

RADIATORS FOR ARCHITECTURE **SEBINO**

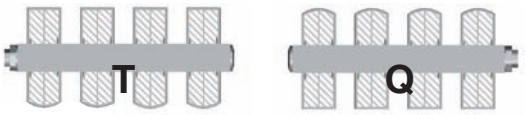
SE radiator model	0350 pipe centres	10 colour code	06 number of sections	A connection

* example **SE03501006A** - **SE** Sebino; **0350** pipe centres; **10** white colour; **06** number of sections; **A** connection
** When ordering radiators in special colours, please specify the Code according to the Colour Card (rif. table pg. 18)
The order for the Sebino model **shall always include the specification of the hydraulic connection**: see diagram below

RADIATORS FOR ARCHITECTURE **TONALE**

TO radiator model	0350 pipe centres	10 colour code	06 number of sections	A connection	T front sections

* example **TO03501006AT**:
TO Tonale; **0350** pipe centres; **10** white colour; **06** number of sections; **A** connection; **T** round front sections
** When ordering radiators in special colours, please specify the Code according to the Colour Card (rif. table pg. 18)
The order for the Tonale model **shall always include the specification of the hydraulic connection and the front section configuration**: see diagrams below

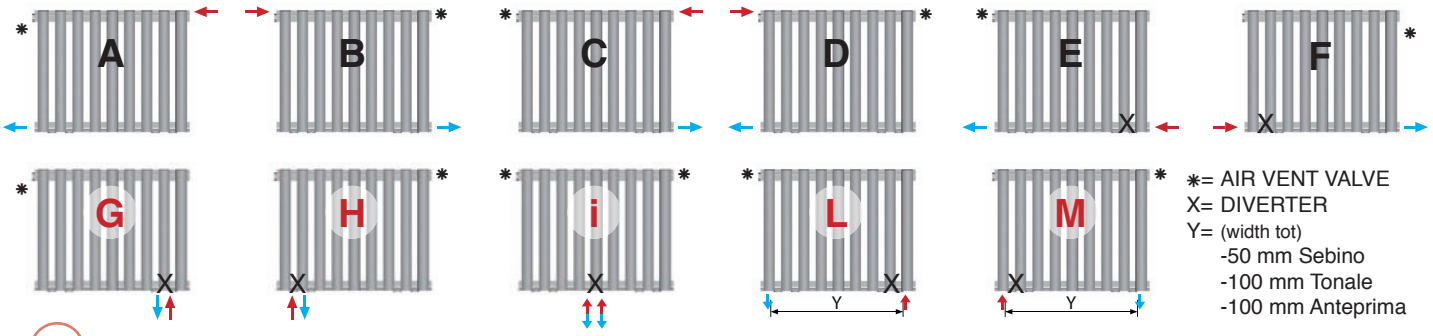


T = round front sections
Q = square front sections

RADIATORS FOR ARCHITECTURE **ANTEPRIMA**

AN radiator model	0350 pipe centres	10 colour code	06 number of sections	A connection

* example **AN03501006A**: **AN** Anteprima; **0350** pipe centres; **10** white colour; **06** number of sections; **A** connection
** When ordering radiators in special colours, please specify the Code according to the Colour Card (ref. table pg. 18)
The order for the Anteprima model **shall always include the specification of the hydraulic connection:** see diagram below



∗= AIR VENT VALVE
X= DIVERTER
Y= (width tot)
-50 mm Sebino
-100 mm Tonale
-100 mm Anteprima

G, H, i, L, M + € 10,00 net

Single-pipe valves cannot be used with RADIATORS FOR ARCHITECTURE as it is not possibile to insert the probe. For single-pipe systems, Sebino, Tonale and Anteprima radiators **shall be installed with appropriate valves** (examples on the side), with 50 mm pipe centres in G-H-i configurations (diagram above)

In the configurations E-F-G-H-i-L-M the radiators are **supplied already with diverter** (art. A052 included).

cod. 10 white glossy RAL 9010	cod. 11 white sand RAL 9016	cod. 12 white matt	cod. 01 ivory glossy RAL 1013	cod. 05 beige opaco metallizzato	cod. 06 metallic matt quartz	cod. 07 metallic matt dark grey	cod. 08 metallic matt silver grey	cod. 09 metallic matt rust	cod. 14 black matt
standard colour	**special colours** see the Colour Card								

The colours are indicative. For technical printing reasons, it is no possible to faithfully reproduce the paints used. The colour of the products supplied may differ from that shown in this catalogue.

®GLOBAL
RADIATORI

ALUMINIUM RADIATORS
HALF A CENTURY OF EVOLUTION

In over fifty years we have been both witnesses and protagonists with you of constantly changing ways of living. The design, the utilisation logics, the construction of the spaces have been, and will continue to be ever-evolving.
Being fully aware of this element, we have never stood still. Our radiators are designed to capture the eye, guiding it through harmonious and sleek shapes built from the solid simplicity of aluminium.
Corporate know-how grows with new technologies and skills: the contribution of people, experience and knowledge, and the strong desire to maintain improvement are specifically aimed at developing the production chain, logistics and customer service to the extent possible.

50 1971•2021 ®GLOBAL RADIATORI

THE BEST SOLUTION FOR **WELL-BEING AND SAVINGS**

1 Low thermal inertia, instant heat

2 Best building-system compromise for high energy efficient constructions

3 Simplicity: among all the different systems, it is the most simple

4 Reduced installation costs

5 Fast set-up

6 Excellent performance even at low temperatures

7 Greater user flexibility

8 Ideal for the energy upgrading of existing buildings

9 Reduced costs compared to radiating systems

10 Lower electrical consumption of the auxiliary systems (circulation pumps)

11 Performance optimisation with climate-compensated system integration

11 reasons you should choose us

DESIGN **SAVING COMFORT**

From design engineering to installation, Global's radiator heating system is exceptionally cost-effective.
Pre-assembled to the requested dimensions, the aluminium batteries are lightweight, easy to handle and reduce installation costs.
The renowned high thermal conductivity of aluminium allows for very swift temperature adjustments, maximising comfort in individual environments. By programming the heat amounts and optimising plant system management, it is possible to generate significant energy savings, which translates into economic savings and ecological benefits given the reduction in the release of harmful emissions into the environment.
Wifi controlled digital thermostatic valves and timer-thermostats envisage immediate temperature management according to external changes and free heat inputs.
The efficiency of the Global radiators is also guaranteed in low-temperature systems with conventional or condensing boilers, regardless of the power supply type (natural gas, diesel, wood, pellets, biomass). They maintain high performance with heat pump systems and solar thermal integration systems.
The Global aluminium radiator systems fully complies with European energy demand management directives, using low thermal inertia systems. Installation in new builds and refurbishings, routine maintenance and failure interventions are much more cost-effective compared to underfloor installations.
The production process has been ICIM certified since 1994 to ensure maximum quality, efficiency and long service life of all our radiators.

Partner KlimaHaus CasaClima®

Technique is the art of knowing how to do things,
an idea developed by research,
and turned into application is where a product is born.

This happened in Valle Camonica back in 1971 when the founders of Global left their mark in the economic and social development of an entire territory.
It all began with the dedication and professional expertise of the workers, the training of people from the valley who have work in their DNA, and the investments in innovative, productive and commercial resources.
It is an enterprise that over time has discovered how to operate at its best, increasing the range of products, the dedicated efforts and the level of satisfaction; this is what made Global become a benchmark model for the domestic and international market.

It is like the crest of a wave that vaporises, blending with the air, the energy passing through the body that imprisons it in the space that surrounds it.
The heat is finally released and spreads into the room; the design of the fins guides its motion.

GL

GL	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
GL 800/80	890	80	95	800	1”	2,20	0,55	**183**	93	1,32929	1,00806
GL 700/80	790	80	95	700	1”	1,94	0,53	**166**	84	1,32907	0,91684
GL 600/80	690	80	95	600	1”	1,60	0,51	**145**	74	1,32879	0,80367
GL 500/80	590	80	95	500	1”	1,48	0,40	**126**	64	1,32855	0,69822
GL 350/80	440	80	95	350	1”	1,28	0,38	**97**	49	1,32817	0,53646
GL 350/80/D	440	80	180	350	1”	2,12	0,70	**157**	80	1,31832	0,90597
GL 200/80/D	290	80	180	200	1”	1,42	0,52	**103**	53	1,31521	0,60052

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

MORE HATING POWER

The high thermal output allows less bulky radiators to be installed.
The thermal output is certified by the Institute of Engineering “Politecnico” in Milan according to the norm EN 442.

vip

Eliminating the superfluous, forgetting everything that refers to decorative virtuosity, the mind relaxes by referring to the infinitely simple: allowing the gaze to glide without interruption, looking beyond, reaching the essence, the uncontaminated soul of warmth.


THE PAINTER'S GIFT
WHEN GOD GOES ON VACATION
HEART of the MYSTIC
Lose Weight

vip

VIP	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	890	80	95	800	1”	2,19	0,59	**180**	91	1,32365	1,01441
700	790	80	95	700	1”	2,05	0,53	**161**	82	1,32283	0,91188
600	690	80	95	600	1”	1,66	0,49	**142**	72	1,32201	0,80797
500	590	80	95	500	1”	1,62	0,39	**123**	63	1,32118	0,70243
350	440	80	95	350	1”	1,13	0,35	**94**	48	1,31996	0,54042

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

CLEANLINESS

The linear surfaces of the sections simplify cleaning, avoiding the use of corrosive products.

mix

It is a living presence, concurrently strong and flexible, capable of dialoguing with its surroundings, highlighting the contrast between the pure technology of aluminium and the architectural materials that frame it.
It is a discrete key player that becomes an indispensable furnishing element.

mix

MIX	dimensions mm				Ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	890	80	95	800	1”	2,16	0,60	**180**	91	1,32575	1,00414
700	790	80	95	700	1”	2,02	0,54	**161**	82	1,32420	0,90443
600	690	80	95	600	1”	1,65	0,48	**142**	72	1,32266	0,80314
500	590	80	95	500	1”	1,61	0,40	**123**	63	1,32111	0,70003
350	440	80	95	350	1”	1,13	0,36	**94**	48	1,31878	0,54003
300	390	80	95	300	1”	1,00	0,33	**82**	43	1,28408	0,54198

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

TECHNOLOGY

Each model is manufactured with the utmost care, careful selection of raw materials and state-of-the-art technological processing.

VOX

The vertical geometry of the individual sections is interrupted by double fins that direct the heat flow; the radiator body ends in an elegant curve at the top.
The Vox design is a synthesis of beauty and outstanding functionality.

VOX

VOX	dimensions mm				Ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	890	80	95	800	1”	2,21	0,56	**181**	92	1,33709	0,97001
700	790	80	95	700	1”	1,95	0,53	**164**	83	1,32938	0,90292
600	690	80	95	600	1”	1,68	0,50	**146**	75	1,31199	0,86156
500	590	80	95	500	1”	1,45	0,46	**127**	65	1,30495	0,76989
350	440	80	95	350	1”	1,12	0,35	**95**	49	1,28445	0,62313
200**	290	80	95	300	1”	0,86	0,26	**62**	32	1,27201	0,42689

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

** The NF certification doesn’t include Vox 200 model

SECTIONS

The wide range of sizes and the modularity of the sections allow you to find solutions that meet both heat and aesthetic requirements.

VOX extra

The expression of defined, sleek, eternally elegant volumes in a delicate balance between linearity and soft curves. Aesthetics and functionality are the core values of the Global philosophy: maximum well-being and energy savings.

VOX extra

VOX EXTRA	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	877	80	95	800	1”	1,85	0,58	**173**	88	1,32128	0,98501
700	777	80	95	700	1”	1,66	0,55	**156**	80	1,31275	0,91594
600	677	80	95	600	1”	1,48	0,49	**137**	71	1,30530	0,83207
500	577	80	95	500	1”	1,28	0,44	**119**	61	1,29335	0,75415
350	477	80	95	350	1”	0,99	0,36	**89**	46	1,27760	0,59838

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

THERMAL INERTIA

Perfectly compatible with low-temperature systems, Global radiators meet the European directives for the reduction of heat requirements in renovations and new buildings.

klass

The balance of proportions is the result of a well-measured interplay of straight and curved lines that design the luxury profile of the radiators.
The lightness of the aluminium takes shape in a new model with a unique personality!

klass

KLASS	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	882	80	80	800	1”	1,95	0,58	**162**	82	1,33906	0,86204
700	782	80	80	700	1”	1,73	0,54	**148**	75	1,34059	0,78054
600	682	80	80	600	1”	1,58	0,50	**132**	67	1,32865	0,72728
500	582	80	80	500	1”	1,41	0,44	**116**	60	1,30020	0,71593
350	432	80	80	350	1”	1,04	0,37	**85**	44	1,29157	0,54598

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

SYSTEM

The maximum efficiency of the heating sections is obtained with an installation and filling of the system in accordance with the applicable standards.

Iseo

Aluminium, space, style, curves, creativity take shape in the mind. Thoughts become style, warmth, harmony.
A interplay of shapes that envelops you in warmth inside the room.
For us, imagination is reality, personality is style.

Iseo

ISEO	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800	882	80	80	800	1”	1,87	0,61	**164**	82	1,35556	0,81617
700	782	80	80	700	1”	1,71	0,55	**150**	75	1,35131	0,76006
600	682	80	80	600	1”	1,47	0,49	**131**	66	1,34724	0,67518
500	582	80	80	500	1”	1,31	0,44	**115**	58	1,33344	0,62383
350	432	80	80	350	1”	1,04	0,36	**87**	44	1,31488	0,50153

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

ECO-FRIENDLY

100% recyclable: aluminium is a raw material that allows significant energy savings and full respect of the environment.

EKOS

Beyond the windows, an ungovernable system chooses the colours: fog grey, white snow, light blue painted by the north wind.
I am standing in front of the window, from the niche below the warmth envelops me in a silent positive energy.
I am inside my own world and I can decide its warmth.

EKOS

EKOS	dimensions mm				Ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
800/95	868	50	95	800	1”	1,77	0,68	**87**	45	1,29916	0,53732
700/95	768	50	95	700	1”	1,49	0,63	**78**	40	1,29022	0,49989
600/95	668	50	95	600	1”	1,36	0,58	**69**	36	1,28127	0,46027
500/95	568	50	95	500	1”	1,11	0,50	**61**	32	1,26879	0,42369
800/130	883	50	130	800	1”	1,92	0,66	**108**	56	1,29675	0,67867
600/130	683	50	130	600	1”	1,56	0,54	**87**	45	1,27355	0,59635

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

HEALTHY HEATING

The radiator systems are silent, limiting air convective motions and the consequent circulation of dust and bacteria.

EKOS PLUS

The succession of full and empty spaces is like a regular and relaxing rhythm, the idea of a child's nursery rhyme, this undefinable nostalgic memory: water and flower petals in pots forgotten on the radiators.
Warmth and fragrance, that's how it starts!

EKOS PLUS

EKOS PLUS	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
2000	2070	50	95	2000	1”	3,34	0,65	**196**	99	1,33285	1,06514
1800	1870	50	95	1800	1”	3,05	0,59	**178**	90	1,33883	0,94330
1600	1670	50	95	1600	1”	2,76	0,53	**160**	80	1,34480	0,82963
1400	1470	50	95	1400	1”	2,46	0,49	**143**	72	1,32938	0,78649
1200	1270	50	95	1200	1”	2,16	0,44	**126**	64	1,31396	0,73725
1000	1070	50	95	1000	1”	1,88	0,36	**109**	57	1,28835	0,70844
900	970	50	95	900	1”	1,73	0,31	**101**	53	1,27555	0,68929

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

ENERGY SAVINGS

The high thermal conductivity of aluminium swiftly provides uniform heat to the environment, resulting in considerable energy savings.

Oscar

Minimalist design and sleek lines. The vertical dimension of the sections is completed by a change in thickness, which, at the top and bottom, elegantly furnishes both traditional and state-of-the-art environments.

Oscar

OSCAR	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
2000	2046	80	95	2000	1”	3,86	0,76	**321**	161	1,35280	1,61490
1800	1846	80	95	1800	1”	3,53	0,69	**297**	148	1,35295	1,48966
1600	1646	80	95	1600	1”	3,18	0,62	**271**	136	1,35310	1,36136
1400	1446	80	95	1400	1”	2,80	0,56	**245**	123	1,35325	1,23096
1200	1246	80	95	1200	1”	2,43	0,49	**218**	109	1,35340	1,09584
1000	1046	80	95	1000	1”	2,05	0,42	**190**	95	1,35355	0,95514
900	946	80	95	900	1”	1,99	0,41	**175**	88	1,34630	0,90160

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

WELL-BEING AND SAVINGS

Aluminium radiator systems are the best building/system compromise for high energy-efficient constructions.

OscarTondo

Dressing the space like wearing a dress, being able to choose radiators based on a sensory perception that reveals emotions: the classic design reinterpreted with anything but commonplace style and finishes that satisfy everyone's individual desires.

OscarTondo

OSCAR TONDO	dimensions mm				ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
2000	2046	80	95	2000	1”	3,86	0,76	**321**	161	1,35280	1,61490
1800	1846	80	95	1800	1”	3,53	0,69	**297**	148	1,35295	1,48966
1600	1646	80	95	1600	1”	3,18	0,62	**271**	136	1,35310	1,36136
1400	1446	80	95	1400	1”	2,80	0,56	**245**	123	1,35325	1,23096
1200	1246	80	95	1200	1”	2,43	0,49	**218**	109	1,35340	1,09584
1000	1046	80	95	1000	1”	2,05	0,42	**190**	95	1,35355	0,95514
900	946	80	95	900	1”	1,99	0,41	**175**	88	1,34630	0,90160

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

COLOUR

The new look of radiators rewards spontaneity: new colours, new finishing textures to harmonise with the various space and context solutions.

Junior

The sections are stacked horizontally and alternated with gaps, allowing this radiator to be used for storing bath towels and dish towels.
Rational and functional: warm for the environment, dry for fabrics, irreplaceable in the bathroom and kitchen.

Junior

JUNIOR	dimensions mm				Ø connections	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres				**ΔT 50°C**	ΔT 30°C		
								Watt	Watt		
450/7	730	492	42	450	1”	8,10	1,20	**377**	201	1,22850	3,08458
450/10	970	492	42	450	1”	11,30	1,70	**488**	260	1,22922	3,97959
450/12	1210	492	42	450	1”	15,40	2,00	**597**	319	1,22995	4,85827
450/15	1540	492	42	450	1”	17,70	2,60	**743**	396	1,23095	6,02033

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

STRENGHT

Aluminium is synonymous of strength and extremely long lasting, and the double coating guarantees durability over time.

vetta

The perfection of the circle is a timeless form: it rolls, it repeats, it is composed.
The circular movement designs tubes like lines on a pentagram. The colour notes of the towels, the pauses in the gaps.
Does functionality become beauty, or... does beauty become functionality?

vetta

VETTA	dimensions mm				Ø connec-tions	n pipes	n spaces	empty weight Kg ca.	contents water litres	heat output EN 442		exponent n	coefficient Km
	overall height	width	depth	pipe centres						**ΔT 50°C**	ΔT 30°C		
										Watt	Watt		
800/400	800	425	27	400	1/2”	15	2	3,17	2,10	**333**	174	1,26485	2,36009
800/450	800	475	27	450	1/2”	15	2	3,30	2,50	**338**	180	1,22716	2,77582
800/500	800	525	27	500	1/2”	15	2	3,43	2,74	**367**	197	1,22424	3,05641
800/550	800	575	27	550	1/2”	15	2	3,57	2,97	**397**	213	1,22132	3,34325
800/600	800	625	27	600	1/2”	15	2	3,70	3,21	**427**	229	1,21840	3,63628
1200/400	1200	425	27	400	1/2”	23	2	5,00	3,34	**482**	256	1,24326	3,72440
1200/450	1200	475	27	450	1/2”	23	2	5,20	3,70	**513**	275	1,22441	4,26571
1200/500	1200	525	27	500	1/2”	23	2	5,40	4,06	**558**	299	1,22501	4,63012
1200/550	1200	575	27	550	1/2”	23	2	5,61	4,42	**603**	323	1,22560	4,99305
1200/600	1200	625	27	600	1/2”	23	2	5,81	4,48	**649**	347	1.22620	5,35427
1500/400	1500	425	27	400	1/2”	29	3	5,94	4,24	**604**	321	1,23650	4,78957
1500/450	1500	475	27	450	1/2”	29	3	6,20	4,70	**647**	343	1,24227	5,01647
1500/500	1500	525	27	500	1/2”	29	3	6,46	5,16	**703**	372	1,24562	5,37939
1500/550	1500	575	27	550	1/2”	29	3	6,72	5,61	**759**	401	1,24897	5,73207
1500/600	1500	625	27	600	1/2”	29	3	6,97	6,07	**815**	430	1,25232	6,07466
1800/400	1800	425	27	400	1/2”	35	3	7,59	5,25	**736**	393	1,22974	5,99489
1800/450	1800	475	27	450	1/2”	35	3	7,90	5,80	**783**	411	1,26013	5,65986
1800/500	1800	525	27	500	1/2”	35	3	8,21	6,35	**849**	445	1,26624	5,99315
1800/550	1800	575	27	550	1/2”	35	3	8,52	6,90	**915**	478	1,27234	6,30783
1800/600	1800	625	27	600	1/2”	35	3	8,83	7,45	**981**	511	1,27844	6,60433

* 1 Watt = 0,863 Kcal/h - Heat output = Km · ΔTn

RUST FREE

Made entirely of aluminium, the Vetta model avoids the chemical reaction that causes the oxidation of ferrous metals.

U N I V E R S A L A C C E S S O R I E S

A001 galvanized straight bracket

ANGLE BRACKET
A003 galvanized
A003 white plastic

BRACKETS
A025 170 mm whit expansion plug white brackets (pair)
A025 170 mm whit expansion plug special colours brackets (pair)
A026 195 mm whit expansion plug for double panel radiators and Ekos 130 white brackets (pair)
A026 195 mm whit expansion plug for double panel radiators and Ekos 130 special colours brackets (pair)

A015 white floor fixing system

UNIVERSAL BRACKETS
A027 white - blister pack (pair)
A014 long for Ekos 130 white - blister pack (pair)

A029 square brackets white blister pack (pair)

WALL BRACKETS
A033 800 mm
A034 700 mm
A035 600 mm
A036 500 mm
A037 350 mm

WALL BRACKETS FOR JUNIOR
A030 white (pair)
A030 chrome (pair)

WALL BRACKETS FOR VETTA
A031 white (pair)
A032 chrome (pair)

A011 1/2” white blind plug
A011 1/2” chrome blind plug

1” BLIND PLUG OR REDUCER
A005 white
A006 galvanized

A013 1” float type air vent valve - right or left

A041 1/2” adjustable manual air vent valve - white

A042 1/2” automatic air vent valve - chrome

MANUAL AIR VENT VALVE
A012 1/8”
A039 1/4”
A040 3/8”
A050 1/2”

A038 1/2” adjustable manual air vent valve - chrome

GUARNIZIONE
A007 1” plug gasket 1,50 mm
A008 1” nipple gasket 1,00 mm
A021 silicone gasket for plugs and reducer

A023 1” nipples 30 mm for Oscar, Oscar Tondo, Ekos Plus

A022 diverter for Oscar, Oscar Tondo, Ekos Plus

A024 O-ring for Oscar, Oscar Tondo, Ekos Plus, Junior

REDUCER KIT
WITH SILICONE GASKETS
AND VALVE WITH HANDWHEEL

A190 3/8” for 200/D radiators - 800 mm - white
A191 3/8” for 900 to 2000 mm radiators/Junior - white
A192 1/2” for 200/D radiators - 800 mm - white
A193 1/2” for 900 to 2000 mm radiators/Junior - white

REDUCER KIT
WITH SILICONE GASKETS
AND ADJUSTABLE VALVE

A043 3/8” for 200/D radiators - 800 mm - white or chrome
A044 3/8” for 900 to 2000 mm radiators/Junior - white or chrome
A046 1/2” for 200/D radiators - 800 mm - white, chrome, special colours
A047 1/2” for 900 to 2000 mm radiators/Junior - white or chrome
A048 3/4” for 200/D radiators - 800 mm - white or chrome
A049 3/4” for 900 to 2000 mm radiators/Junior - white or chrome

A017 RAL 9010 white marker

A010 RAL 9010 white spray can
A010 special colours spray can

A018 Cillit HS 23 Combi liquid

A019 plug wrench

A079 hex key with lever
A080 hex key 500 mm
A081 hex key 800 mm

A090 3/8” Ovus angle valve - RAL 9010 white
A091 1/2” Ovus angle valve - RAL 9010 white
A096 3/8” Ovus angle valve - chrome
A097 1/2” Ovus angle valve - chrome

A102 3/8” Ovus straight valve - RAL 9010 white
A103 1/2” Ovus straight valve - RAL 9010 white
A108 3/8” Ovus straight valve - chrome
A109 1/2” Ovus straight valve - chrome

A114 3/8” Ovus angle lockshield - RAL 9010 white
A115 1/2” Ovus angle lockshield - RAL 9010 white
A120 3/8” Ovus angle lockshield - chrome
A121 1/2” Ovus angle lockshield - chrome

A126 3/8” Ovus straight lockshield - RAL 9010 white
A127 1/2” Ovus straight lockshield - RAL 9010 white
A132 3/8” Ovus straight lockshield - chrome
A133 1/2” Ovus straight lockshield - chrome

A141 Ovus connection for copper tube w/OR dia. 12 - chrome
A142 Ovus connection for copper tube w/OR dia. 14 - chrome
A143 Ovus connection for copper tube w/OR dia. 15 - chrome
A144 Ovus connection for copper tube w/OR dia. 16 - chrome

A151 Ovus connection for multilayer tube dia. 10x14 - chrome
A152 Ovus connection for multilayer tube dia. 12x16 - chrome
A153 Ovus connection for multilayer tube dia. 14x18 - chrome
A154 Ovus connection for multilayer tube dia. 16x20 - chrome

A161 thermostatic head whit liquid sensor - RAL 9010 white
A162 thermostatic head whit liquid sensor - chrome

A171 3/8 - 1/2 cover plate - dia. 12 RAL 9010
A172 3/8 - 1/2 cover plate - dia. 14 RAL 9010
A173 3/8 - 1/2 cover plate - dia. 15 RAL 9010
A174 3/8 - 1/2 cover plate - dia. 16 RAL 9010
A181 3/8 - 1/2 cover plate - dia. 12 chrome
A182 3/8 - 1/2 cover plate - dia. 14 chrome
A183 3/8 - 1/2 cover plate - dia. 15 chrome
A184 3/8 - 1/2 cover plate - dia. 16 chrome

SPECIFIC ACCESSORIES FOR RADIATORS WITH UNDERFLOOR PIPES

A331 1” right plug with rubber blind diverter

A332 1” left plug with rubber blind diverter

A337 1/2” right reducer with rubber perforated diverter

A338 1/2” left reducer with rubber perforated diverter

A343 headwork for thermostatic valve

A346 white manual knob

A349 thermostatic valve

A350 3/4-1/2” cone seat reducer
A351 3/4-1/2” flat seat reducer

SPECIFIC ACCESSORIES

SIDE PANEL RAL 9010 WHITE

A061 for Oscar 1000
A062 for Oscar 1200
A063 for Oscar 1400
A064 for Oscar 1600
A065 for Oscar 1800
A066 for Oscar 2000
A071 for Vip 350
A072 for Vip 500
A073 for Vip 600
A074 for Vip 700
A075 for Vip 800

TOWEL RAILS FOR RADIATORS
800 - 350; OSCAR; OSCAR TONDO
A201 48 cm white
A202 48 cm chrome
A207 32 cm white
A208 32 cm chrome

TOWEL RAILS FOR RADIATORS
EKOS; EKOS PLUS
A225 45 cm white
A226 45 cm chrome
A231 30 cm white
A232 30 cm chrome

A242 white handy grip for Vetta towel warmers

A243 chrome handy grip for Vetta towel warmers

HANDY GRIP FOR RADIATORS
800-350; OSCAR; OSCAR TONDO
A237 white
A238 chrome

HANDY GRIP FOR RADIATORS
EKOS; EKOS PLUS
A249 white
A250 chrome

TOWEL WARMERS ACCESSORIES INCLUDED

JUNIOR	n. 2 art. A030 white or chrome (for coloured radiators) wall brackets n. 1 reducer kit art. A047 1/2" white or special colours
VETTA	n. 2/3 art. A031 white wall brackets or art. A032 chrome wall brackets n. 1 art A041 1/2" white manual air vent valve or art. A038 chrome (for coloured radiators) n. 1 art. A011 1/2" white or chrome plug (for coloured radiators)

CORRECT INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS

- Global radiators can be used in all hot water or vapour heating installations up to 110°C with a working pressure up to 1600 K Pascal -16 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- In order to preserve the systems from scaling and corrosion, it is recommended to check the pH of the water (preferably between 6.5 and 8) and to introduce a inhibitive additive such as Cillit-Hs 23 Al or similar in the quantity recommended by the manufacturer.
- Automatic or manual air vent valves must be installed on radiators.
- Avoid complete closure of the radiator shut-off valves in order to allow any gas that there might be inside the same to escape through the automatic air vent valve, which is mandatory in any heating system, thus avoiding possible overpressure that could damage the radiators.
- If one or more batteries are to be excluded from the circuit, an automatic air vent must be fitted to each battery.
- To ensure lasting protection of painting, radiators must not be stored in very wet or damp environments before and after installation such as inside showers, saunas, turkish baths, near swimming pools etc. Paint peeling off on parts of the radiator could cause the formation of aluminium oxide and have the paint completely peeled off.
  Do not use porous clay humidifiers.
- For the external cleaning of the radiator, it is necessary to avoid the use of abrasive or chemically corrosive/aggressive products of any nature, as the use of water and neutral detergent is sufficient while performing the operation when the radiators are cold to maintain the original brilliance of the paint over time.
- Do not place weights and/or objects on the radiators. Do not use radiators for any purpose other than heating elements (e.g.: as a support system, as steps, as support for furniture or objects).

ADDITIONAL NOTE FOR EKOS PLUS, OSCAR, OSCAR TONDO

- Important: If the Ekos Plus, Oscar and Oscar Tondo radiators are connected hydraulically with the connections at the bottom on opposite sides, it is useful to insert a diverter (art. A022) between the first and the second section. This prevents abnormal circulation of the thermal fluid, thus guaranteeing maximum performance of the heater.
- Plugs and/or reducers (art. A005 and A006) must be fitted with original O-Rings (art. A024). Alternatively, the kits (art. A044, A047, A049) supplied complete with gaskets can be used.
- When assembling more than one battery, the 1" nipples - 30 mm (art. A023) and the O-Rings (art. A024) must be used.

HOW TO USE CODES FOR ORDERING

RADIATORS

OST	0900	10	..
radiator model	overall height	colour code	number of sections

* example **OST090010..** - **OST** Oscar Tondo; **0900** overall height; **10** white colour; **..** number of sections
** When ordering radiators in special colours, please specify the Code according to the Colour Card (diagram below)

TOWEL WARMERS

VE	0800	450	10
radiator model	overall height	pipe centres	colour code

* example **VE080045010** - **VE** Vetta; **0800** overall height; **450** pipe centres; **10** white colour
** When ordering radiators in special colours, please specify the Code according to the Colour Card (diagram below)

COLOUR CARD

standard colour

cod. 10
white glossy

RAL 9010

special colours see the Colour Card

cod. 11
white sand

RAL 9016

cod. 12
white
matt

cod. 01
ivory
glossy
RAL 1013

cod. 05
metallic
matt
beige

cod. 06
metallic
matt
quartz

cod. 07
metallic
matt
dark grey

cod. 08
metallic
matt
silver grey

cod. 09
metallic
matt
rust

cod. 14
black
matt

The colours are indicative. For technical printing reasons, it is no possible to faithfully reproduce the paints used. The colour of the products supplied may differ from that shown in this catalogue.

RADIATOR ASSEMBLY

GL-Vip-Vox-VoxExtra-Mix-Klass-Iseo: carboard boxes from 2 to 12 sections for models 800-700
carboard boxes from 2 to 14 sections for models 600-500-350-300-200-GL350/D-GL200/D

Ekos: carboard boxes from 3 to 14 sections for models 800/95-700/95
carboard boxes from 3 to 16 sections for models 600/95-500/95
carboard boxes from 3 to 14 sections for model EKOS 800/130
carboard boxes from 3 to 16 sections for model EKOS 600/130
Ekos Plus: carboard boxes from 3 to 10 sections for all models

Oscar - Oscar Tondo: carboard boxes from 2 to 8 sections for all models

W A R R A N T Y

GLOBAL provides a ten-year warranty for its radiators from the date of production

The conventional warranty grants the sole right to free replacement of the radiator which, due to defects originating from defects in material or workmanship, is not fit for purpose or its ordinary intended use. Replacement radiators shall be delivered free of charge to the retailer which sold the original version to the end user or to the its installers.

The warranty is valid on the condition that the installation and the system to which the product is connected are performed by qualified/eligible personnel to top workmanship standards and in compliance with the regulations and requirements of the sector in force; it is also valid on the condition that there has been full compliance with warnings and instructions for proper installation, use and maintenance of the product indicated in the technical documentation under the paragraph entitled instructions for correct installation, use and maintenance, available and downloadable from the TECHNICAL INFO section on the globalradiatori.it website.

In order to exercise the rights arising from this conventional warranty, the presence of faults originating from defects in materials or workmanship must be reported immediately in writing within the warranty duration period by the end user to the subject (retailer or installer) from whom the product was purchased;
it will in turn be forwarded to Global through the same distribution chain involved in the sale of the product which is claimed to be faulty. The claims must include photographic documentation indicating the defect, along with any information useful to explain the circumstances under which the defect was detected. Global shall take all necessary action in order to verify the existence and the nature of the claimed defects and the operational terms and conditions of this warranty. To this purpose, Global shall be guaranteed the opportunity to conduct, also appointing a representative, due inspections on the product and the environment so as to investigate the possible causes of the defect, also requesting the delivery of the product itself to the Global headquarters in Rogno (BG) if necessary. If Global establishes the existence of the defect, the end user shall be entitled to receive a new product under warranty in replacement of the faulty product. The new product shall be delivered to the end user or installer, whereby any additional transport costs to the final destination and the costs for the installation of the new product shall be borne by the client. If the product to be replaced has been “discontinued”, Global shall deliver a substitute or similar product having the same functionalities as the one being replaced. Global shall also be entitled to request the return of the replaced product which will become its own property.

This conventional warranty does not confer any right or claim against Global, of any type and at any level of the distribution chain, to installers, retailers or importers.

The replacement under warranty of the faulty element shall not extend the original expiry date of the warranty, which remains unchanged, nor does it grant the right to a new warranty: the warranty for the replacement element shall remain valid for the residual term of the faulty element.

This warranty only covers the replacement of the faulty product as identified above, with explicit exclusion of any further and different obligation due to Global (such as, for instance, dismantling and installation costs, damage to the plant system to which the radiator is connected). According to this conventional warranty, under no circumstances shall Global be required to incur or refund, on either a contractual or extra-contractual liability basis, any costs or expenses, indemnity or compensation for damages of any nature whatsoever, direct, indirect, incidental or consequential damages, such as, for instance, economic loss, loss of revenue or profits, business activities or goodwill of the subject covered by the warranty or to other third parties.

Global waives all and any liability for any damage caused, directly or indirectly, to persons, animals or things, due to the non-observance of any of the standards, regulations or provisions in force in the territory of installation, and all the instructions provided in the instruction manual and, in particular, all the warnings and recommendations concerning installation, use and maintenance and/or consequent use of the product which does not comply with the diligence required by the nature of the same.

This warranty is exclusively regulated by the Italian law. Any dispute arising from or related to this conventional warranty, as well as to the existence of the conditions to which the validity and effectiveness of the warranty and its effects shall comply, shall be regulated by the Italian law with exclusive jurisdiction granted to the Court of Bergamo.

This conventional warranty refers solely to the defects and remedies identified above and, under no circumstances, can the end user submit any claims which do not fall within the scope indicated herein. This conventional warranty is not a substitute for the statutory warranty foreseen by the laws in force, but complements the same and, in any case, does not affect the statutory rights due to the consumer under the Consumer Code or those granted by applicable national and EC standards regulating the sale of consumer goods.

SYSTEM CERTIFICATION

Environment

Quality

ICIM UNI EN ISO 9001:2015 CERTIFIED MANAGEMENT SYSTEM

ICIM UNI EN ISO 14001:2015 CERTIFIED MANAGEMENT SYSTEM

CE EN 442

All models manufactured by Global are approved in accordance with the regulations of the Countries in which they are used.

warranty product 10 · made in italy · energy savings · eco-friendly · fully recyclable packaging · fully recyclable components · long lasting · public buildings · residential buildings

GLOBAL di Fardelli Ottorino & C. s.r.l.
C.F./P.IVA n. IT 00334360161 - n. mecc. BG 015942 - CCIAA 136287 - iscr. Trib. Bergamo n. 7438

GLOBAL di Fardelli Ottorino & C. s.r.l.

24060 ROGNO (BG) ITALIA • via Rondinera, 51
tel. ++39 **035977111** • fax ++39 **035977110**
globalradiatori.it • info@globalradiatori.it