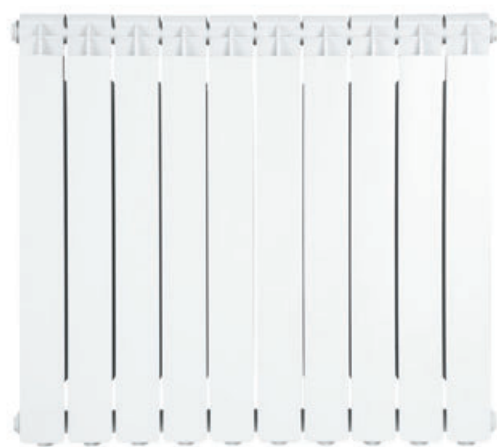
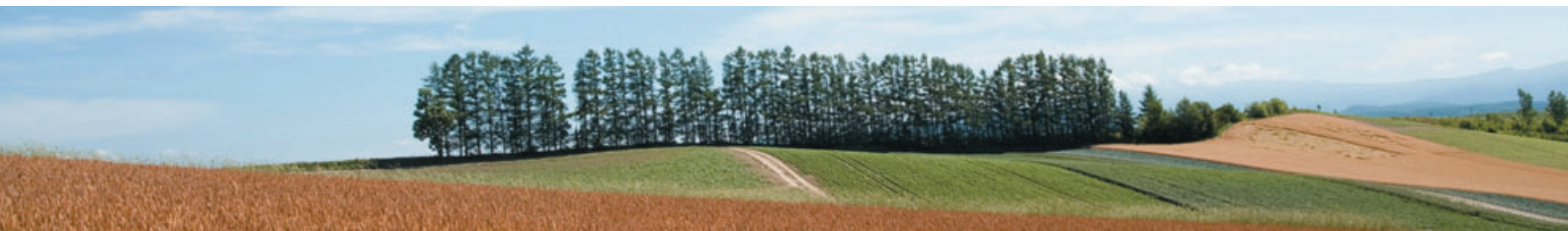


VOX *extra*



aluminium  
radiators

<sup>®</sup> **GLOBAL**   
R A D I A T O R I



Vox Extra is eternally elegant with clean, defined volumes. The radiator shows a calibrated balance between linearity and soft curves. The design combines aesthetic value and functionality optimizing air circulation and expressing the heart of Global's philosophy of maximum comfort combining energy savings.

**VOX**extra



- **HIGH THERMAL OUTPUT** Guaranteed by certification, according to the norm EN 442, from the "Politecnico" in Milan. The high thermal output allows less bulky radiators to be installed.
- **ENERGY SAVING WITH MAXIMUM COMFORT** With the Global radiators the regulation of the temperature is easy and inexpensive. An ideal temperature for every environment according to personal needs is rapidly achieved.
- **VERY LONG DURATION** Thanks to the high quality of the material, that gives the maximum guarantee of resistance and duration. The double protection in the "anaphoresis-bath" followed with epoxy power enameling guarantees a perfect and durable finish.
- **EASIER INSTALLATION** Due to the lightness of the aluminum and the sectional elements that allow greater ease and flexibility of installation.
- **CERTIFIED QUALITY AND ENVIRONMENTAL** The ICIM certified on 1994 (norm ISO 9001:2000) the Quality System and on 2001 (norm UNI EN ISO 14001) the System of Environmental Management.

GLOBAL radiators have a ten year guarantee starting from the date of manufacture. This guarantee covers the replacement of those elements that because of manufacturing or material defects are not usable, but only on condition that installation has been executed in compliance with suitable regulations and correct installation.

Model	Dimensions mm				ø connection	empty weight Kg ca.	contents in water in litres	Heat output EN 442				Exponent n.	Coefficient Km
	A total height	B length	C depth	D pipe centres				ΔT 50°C		ΔT 60°C			
								Watt	*Kcal/h	Watt	*Kcal/h		
Vox Extra 800	877	80	95	800	1"	1,85	0,58	<b>173</b>	<b>149</b>	220	190	1,32128	0,98501
Vox Extra 700	777	80	95	700	1"	1,66	0,55	<b>156</b>	<b>135</b>	198	171	1,31275	0,91594
Vox Extra 600	677	80	95	600	1"	1,48	0,49	<b>137</b>	<b>118</b>	174	150	1,30530	0,83207
Vox Extra 500	577	80	95	500	1"	1,28	0,44	<b>119</b>	<b>103</b>	150	130	1,29335	0,75415
Vox Extra 350	427	80	95	350	1"	0,99	0,36	<b>89</b>	<b>77</b>	112	97	1,27760	0,59838

\* 1 Watt = 0,863 Kcal/h

The heat output is certified by the Institute of engineering "Politecnico" in Milano according to the norm EN 442.

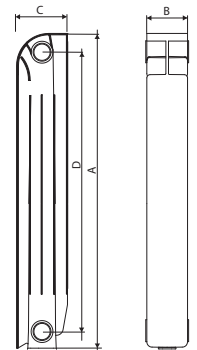


### Example for a different ΔT from ΔT 50° C

If you need to know a radiator heat output (P) with different ΔT from ΔT 50° C, use the following characteristic equation:  $P = Km \cdot \Delta T^n$

Example for the Vox Extra 600 model with ΔT = 60° C:

$$P = 0,83207 \cdot 60^{1,30530} = 174 \text{ Watt}$$

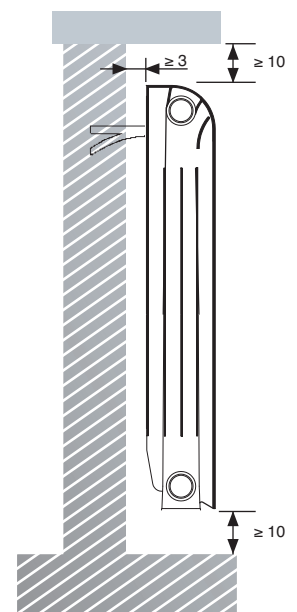


### Example of heat output readings with different ΔT from ΔT 50° C


Model	ΔT 20°C	ΔT 25°C	ΔT 30°C	ΔT 35°C	ΔT 40°C	ΔT 45°C	ΔT 50°C	ΔT 55°C	ΔT 60°C	ΔT 65°C	ΔT 70°C
Vox Extra 800	52	69	88	108	129	151	<b>173</b>	196	220	245	270
Vox Extra 700	47	63	80	97	116	136	<b>156</b>	176	198	220	242
Vox Extra 600	42	56	71	86	103	120	<b>137</b>	156	174	193	213
Vox Extra 500	36	48	61	75	89	104	<b>119</b>	134	150	167	184
Vox Extra 350	27	37	46	56	67	77	<b>89</b>	100	112	124	136


## correct installation


- The Vox Extra radiators can be used in all hot water or vapour heating installations up to 110° C with a working pressure up to 600 K Pascal - 6 bar.
- They can be installed in systems using iron, copper or thermoplastic pipes.
- The highest heat output can be obtained by mounting the radiators observing the following distances:
  - ≥ cm 3 from the wall
  - ≥ cm 10 from the floor
  - ≥ cm 10 from the shelf or window-sills
- To avoid noise caused by thermal expansion the use of plastic sleeves on the brackets is recommended (artt. 4, 14, 25, 27 or 29 in our catalogue).
- In order to protect the heating system against rust and corrosion, it is highly recommended to check the pH level of the water used (preferably between 6.5 and 8) and to introduce a suitable inhibitive additive, Cillit-HS 23 Al or similar, in a quantity equal to 1 litre to every 200 litres of water circulating in the system.
- We recommend the installation of automatic or manual air vent valves for radiators to ensure maximum efficiency.
- The interceptor valves should not be closed completely in order to prevent excessive pressure from building up in the system. It is recommended to install automatic air vent valves on each radiator if it is necessary to isolate one or more radiators from the circuit.
- To ensure lasting protection of the radiators, they should not be stored or installed in humid or damp environments. Paint bubbles on even small parts of the radiator could cause the aluminium to oxidise and the entire painted surface to flake away.
- It is advisable not to use abrasive products when cleaning the radiator surface.



# accessories


 1- Galvanized straight bracket

 Square bracket  
3- Galvanized  
4- Plastic coated white

 White or special colours bracket with rawplug  
25- mm 170 (pair)  
26- mm 195 for Ekos 130 and double radiators (pair)

 27- White universal bracket blister (pair)

 29- White square bracket blister (pair)

 White wall bracket  
33 - mm 800  
34 - mm 700  
35 - mm 600  
36 - mm 500  
37 - mm 350

 15- White adjustable feet

 237 - white hanging peg  
238 - chrome hanging peg

 Towel rails  
201 - cm 48 white  
202 - cm 48 chrome  
207 - cm 32 white  
208 - cm 32 chrome

 10- White or special colours spray paint

 17- White marker RAL 9010

 White, chrome or special colours reduction kit with silicon gasket  
43- 3/8" for 200/D - 800 mm models  
46- 1/2" for 200/D - 800 mm models  
48- 3/4" for 200/D - 800 mm models

 5- White plug or reduction  
6- Galvanized plug or reduction  
20- White plug or reduction with silicon gasket

 13- 1" float air vent valve right or left

 7- 1" plug gasket - mm 1,50  
8- 1" nipple gasket - mm 1,00  
21- Plug and reduction silicon gasket

 Manual air vent valve  
12- 1/8"  
39- 1/4"  
40- 3/8"


 9- 1" nipple

 41- 1/2" white manual air vent valve

 18- Cillit-HS 23 Combi liquid

 42- 1/2" chrome automatic air vent valve

 19- Wrench

 38- 1/2" chrome manual air vent valve

 79- Assembly spanner lever  
80- 500 mm assembly spanner  
81- 800 mm assembly spanner

**standard colour** | **special colours** see colour card

cod. 10 white RAL 9010	cod. 11 matt white RAL 9016	cod. 01 oyster white RAL 1013	cod. 05 beige sparkle 2589	cod. 06 quartz sparkle 2921	cod. 07 dark gray 2748	cod. 08 silver gray 2676	cod. 09 oxide brown 3112
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