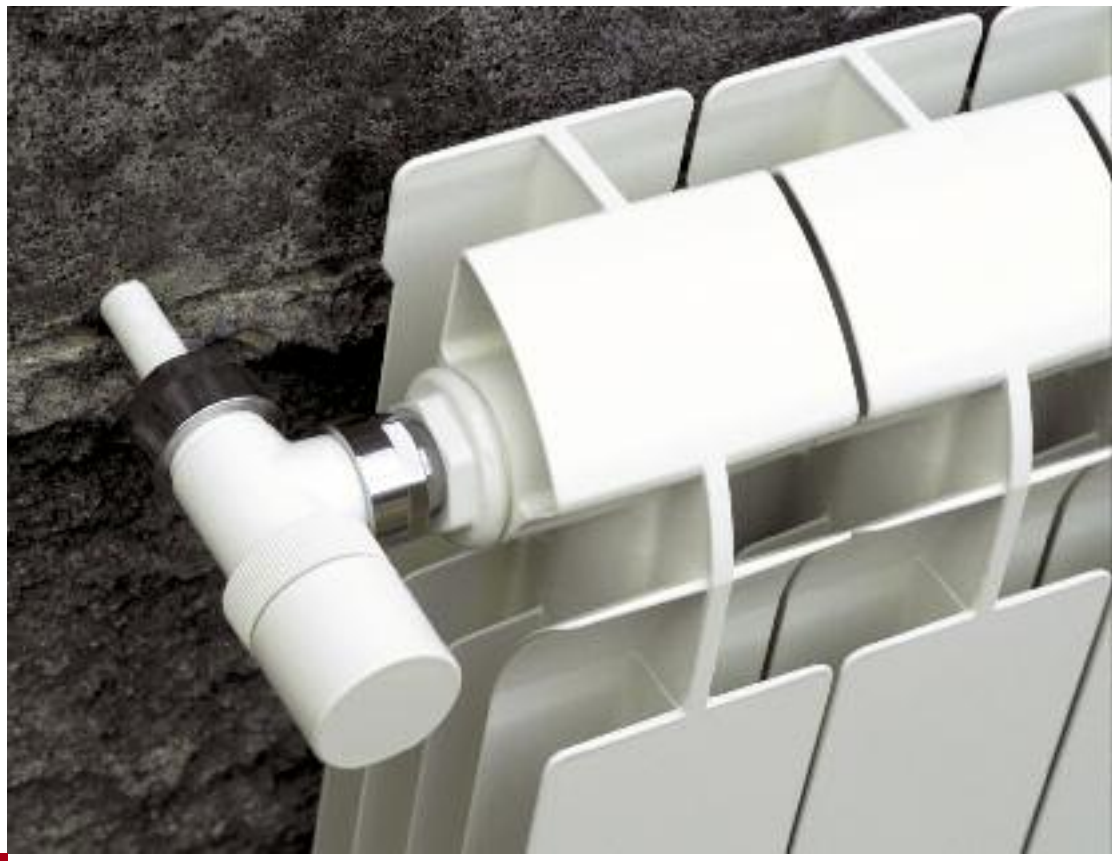
GLOBAL
RADIATORI



aluminium
radiators

VOX

the pleasure of feeling warm

VOX

Innovative technology, exclusive design: this new GLOBAL product gives you the most a radiator can give.
Sections are styled to give out heat in a uniform and immediate way, guaranteeing you the highest output without wastage.

■ HIGH THERMAL OUTPUT

In accordance with the tests carried out at "Politecnico" in Milan, we can guarantee the EN 442 standards certification. The high thermal output allows less bulky radiators to be installed.

■ LOWER ENERGY CONSUMPTION

This is due to the high thermal conductivity of aluminium, which heats up rapidly and gives a uniform heat to the environment in a shorter time.

■ LONGEVITY

Due to the high quality of the material, maximum guarantees can be given for long life, as illustrated clearly the automobile and aerospace industries. In addition, the intensive pre-finishing treatments of 'anaphoresis' and epoxy powder stove enamelling, guarantees that the radiators require no further treatment.

■ EASE OF INSTALLATION

This is possible thanks to the lightness of aluminium granting greater flexibility and speed of installation.

■ CERTIFIED QUALITY

On April 15th 1994, the ICIM granted the ISO 9001:2000 Quality System normative to Global.

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.

®GLOBAL
RADIATORI

strong light elegant

CE 05 EN 442

Model	Dimensions in mm				ø connec-tion	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 800	890	80	95	800	1"	2,21	0,56	**181**	**156**	231	200	1,33709	0,97001
VOX 700	790	80	95	700	1"	1,95	0,53	**164**	**142**	209	180	1,32938	0,90292
VOX 600	690	80	95	600	1"	1,68	0,50	**146**	**126**	185	160	1,31199	0,86156
VOX 500	590	80	95	500	1"	1,45	0,46	**127**	**110**	161	139	1,30495	0,76989
VOX 350	440	80	95	350	1"	1,12	0,35	**95**	**82**	120	103	1,28445	0,62313

* 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

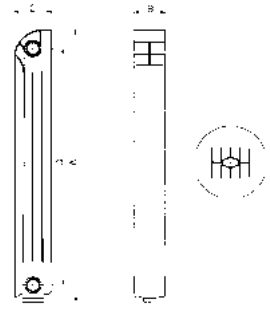
If you need to know a radiator thermal power (P) with different ΔT from ΔT 50° C, use the following characteristic equation: $P=Km \cdot \Delta T^{n}$

Example for the VOX 600 model with ΔT = 60° C

$P= 0,86156 \cdot 60^{1,31199} = 185$ Watt

Example of thermal powers readings with different ΔT from ΔT 50° C

Model	ΔT20°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
VOX 800	53	72	92	113	135	157	**181**	206	231
VOX 700	48	65	83	102	122	142	**164**	186	209
VOX 600	44	59	75	91	109	127	**146**	165	185
VOX 500	38	51	65	80	95	111	**127**	144	161
VOX 350	29	39	49	60	71	83	**95**	107	120



correct installation

- The VOX 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 thermal 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, 25, 27 or 29 in our catalogue).
- In order to avoid problems due to deposit and corrosion in the heating system when using mixed metals it is recommended that the water pH is checked (preferably between 6,5 and 8) and to introduce a suitable inhibitive additive (Cillit-HS 23 Combi or another product equal or similar) in a quantity equal 1 litre to every 200 litres of circulating water or according to the manufacturer's instructions.
- We recommend the installation of floating automatic or manual air vent valves for radiators to ensure maximum efficiency.
- In order to avoid problems with gases which can be present in the heating system and to eliminate excessive pressure, we suggest not completely closing the valves.
  If it is necessary to isolate one or more radiators from the circuit for protracted periods it is advisable to install automatic air vent valves on every radiator.
- To ensure lasting protection of the finished paint surface radiators must not be installed in a permanently wet or damp environment.
- Small paint imperfections or damage can allow aluminium oxidization that will stain or destroy the finished surface.
- It is advisable not to use abrasive products when cleasing the radiator surface.