

# mix



aluminium  
radiators

**GLOBAL**   
RADIATORI





# mix

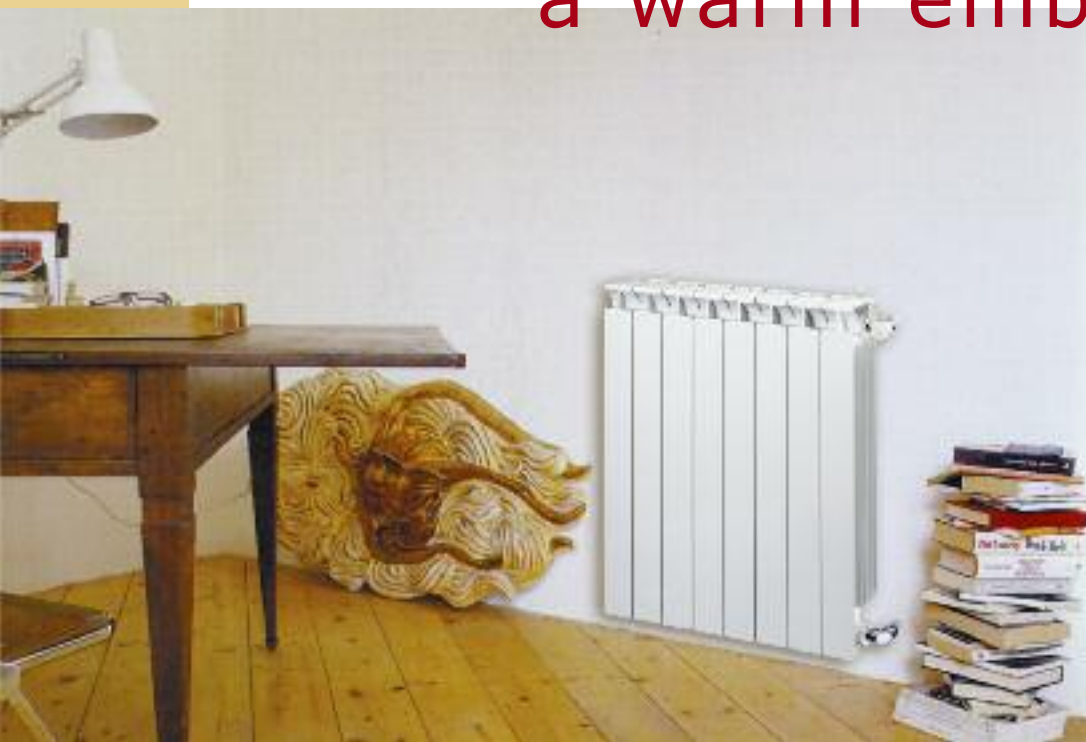
GLOBAL has produced aluminium radiators since 1971 and has achieved excellent results in a sector which requires highly specialized personnel and technologically advanced production equipment.

The MIX model, with its sober aesthetic and elegant line, adapts itself to every aspect of your environment.

## performance

- ▲ **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 in 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 ISO 9001:2000 Quality System normative to GLOBAL.

## a warm embrace



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 in mm				ø connection	empty weight Kg ca.	contents in water in litres	Thermal powers 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		
MIX 800	890	80	95	800	1"	2,16	0,60	<b>180</b>	<b>155</b>	229	197	1,32575	1,00414
MIX 700	790	80	95	700	1"	2,02	0,54	<b>161</b>	<b>139</b>	205	177	1,32420	0,90443
MIX 600	690	80	95	600	1"	1,65	0,48	<b>142</b>	<b>123</b>	181	156	1,32266	0,80314
MIX 500	590	80	95	500	1"	1,61	0,40	<b>123</b>	<b>106</b>	156	135	1,32111	0,70003
MIX 350	440	80	95	350	1"	1,13	0,36	<b>94</b>	<b>81</b>	120	103	1,31878	0,54003
MIX 300	390	80	95	300	1"	1,00	0,33	<b>82</b>	<b>71</b>	104	90	1,28408	0,54198

\* 1 Watt = 0,863 Kcal/h

The thermal 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**

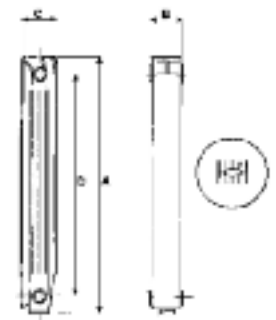
If you need to know a radiator thermal power (P) with different ΔT from Δt 50° C, use the following characteristic equation:  $P=Km \cdot \Delta T^n$

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

$P= 0,80314 \cdot 60^{1,32266} = 181 \text{ Watt}$

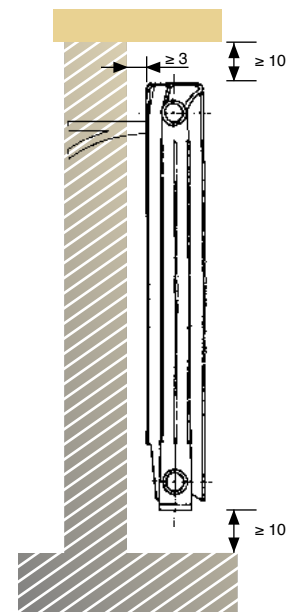
**Example of thermal powers readings with different ΔT from ΔT 50° C**

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
MIX 800	53	72	91	112	134	156	<b>180</b>	204	229
MIX 700	48	64	82	100	120	140	<b>161</b>	182	205
MIX 600	42	57	72	89	106	123	<b>142</b>	161	181
MIX 500	37	49	63	77	92	107	<b>123</b>	139	156
MIX 350	28	38	48	59	70	82	<b>94</b>	107	120
MIX 300	25	34	43	52	62	72	<b>82</b>	93	104



correct installation

- ▲ The MIX 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 cleaning the radiator surface.





# accessories

1- Galvanized straight bracket



3- Galvanized square bracket



4- Plastic-coated white square bracket



25- 170 mm white bracket with rawlplug (pair)

26- 195 mm white bracket with rawlplug (pair)



27- White universal bracket blister (pair)



29- White square bracket blister (pair)



19- Wrench



15- White adjustable feet



9- 1" nipple



REDUCTION KIT WITH SILICON GASKET WHITE, IVORY OR CHROME

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



GASKET

7- 1" plug - 1,5 mm

8- 1" nipple - 1,0 mm

21- plug and reduction silicon



237 - white hanging peg

238 - chrome hanging peg



PLUG OR REDUCTION

5- painted

6- galvanized

20- painted with silicon gasket



TOWEL RAILS

201 - 48 cm white

202 - 48 cm chrome

207 - 32 cm white

208 - 32 cm chrome



13- 1" float air vent valve right or left



MANUAL AIR VENT VALVE

12- 1/8"

39- 1/4"

40- 3/8"



10- Spray paint

18- Cillit HS23 Combi liquid



41- 1/2" white manual air vent valve



79- Assembly spanner lever

80- 500 mm assembly spanner

81- 800 mm assembly spanner



42- 1/2" chrome automatic air vent valve

**standard color:**

white  
RAL 9010

**special colors:** see folder color

oyster white  
RAL 1013

stone grey  
RAL 7030

beige grey  
RAL 7006

red lilac  
RAL 4001

dark grey  
N. 2748

silver grey  
N. 2676

rust brown  
N. 3112

Quality Certificate



Environment Certificate



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