

Klass



aluminium
radiators

[®] **GLOBAL** 
R A D I A T O R I



Klass

The minimalist style and the functionality of a slim profile complete the wide range of Global die-cast aluminum radiators, meeting the needs to be placed in tight spaces without ever having to lose the comfort of a warm place in terms of heating. In this way Global expresses its commitment to environmental and human respectful models of production.



- ≈ **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 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		
KLASS 800	882	80	80	800	1"	1,95	0,58	162	140	207	179	1,33906	0,86204
KLASS 700	782	80	80	700	1"	1,73	0,54	148	128	189	163	1,34059	0,78054
KLASS 600	682	80	80	600	1"	1,58	0,50	132	114	168	145	1,32865	0,72728
KLASS 500	582	80	80	500	1"	1,41	0,44	116	100	147	127	1,30020	0,71593
KLASS 350	432	80	80	350	1"	1,04	0,37	85	73	108	93	1,29157	0,54598

* 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.

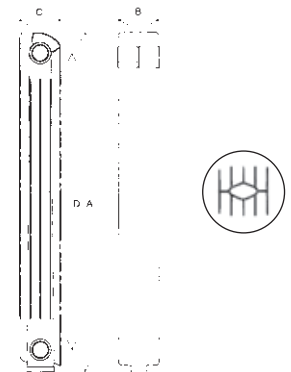


Example for a different ΔT from ΔT 50° C

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 KLASS 600 model with ΔT = 60° C:
 $P = 0,72728 \cdot 60^{1,32865} = 168 \text{ Watt}$

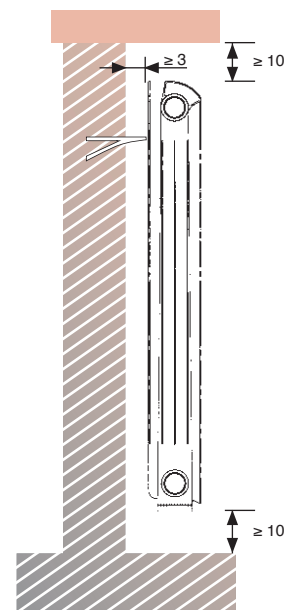
Example of heat output readings with different ΔT from ΔT 50° C

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
KLASS 800	48	64	82	101	120	141	162	184	207
KLASS 700	43	58	75	92	110	128	148	168	189
KLASS 600	39	52	67	82	98	114	132	149	168
KLASS 500	35	47	60	73	87	101	116	131	147
KLASS 350	26	35	44	54	64	75	85	97	108





correct installation


- ≈ The KLASS 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



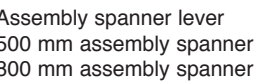
White, chrome or special colours
reduction kit with silicon gasket
43- 3/8" for 200/D
800 mm models
46- 1/2" for 200/D
800 mm models
48- 3/4" for 200/D
800 mm models

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

 9- 1" nipple

 18- Cillit-HS 23
Combi liquid

 19- Wrench

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

 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

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

 41- 1/2" white manual
air vent valve

 42- 1/2" chrome
automatic
air vent valve

 38- 1/2" chrome manual
air vent valve

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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