

ISEO



aluminium
radiators

GLOBAL
RADIATORI





ISEO

HEAT and SAVE

COMFORT and ENERGY SAVING

Global aluminium radiators allow easy and immediate control of the temperature in each room, saving energy and providing maximum comfort.

WORKING AT LOW TEMPERATURE

Thanks to the high thermal conductivity of aluminium, Global radiators can also be used in installations with condensing boilers and low water temperatures.

ENVIRONMENT

ISEO is the result of 40 years of experience and technological development; they look good, respond instantly to maintain desired temperature, save energy and they can be completely recycled.

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 correctly in compliance with applicable regulations.

strong light elegant



Model	Dimensions in mm				ø connec- tion	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		
ISEO 800	882	80	80	800	1"	1,87	0,61	164	142	210	181	1,35556	0,81617
ISEO 700	782	80	80	700	1"	1,71	0,55	150	130	192	166	1,35131	0,76006
ISEO 600	682	80	80	600	1"	1,47	0,49	131	113	168	145	1,34724	0,67518
ISEO 500	582	80	80	500	1"	1,31	0,44	115	99	147	127	1,33344	0,62383
ISEO 350	432	80	80	350	1"	1,04	0,36	87	75	109	94	1,31488	0,50153

* 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

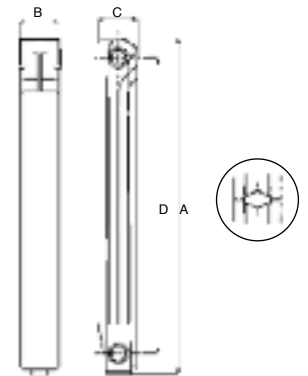
If you need to know a radiator thermal power (P) with different ΔT from ΔT 50° C, use the following characteristic equation: $P = Km \cdot \Delta T^n$

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

$$P = 0,67518 \cdot 60^{1,34724} = 168 \text{ Watt}$$

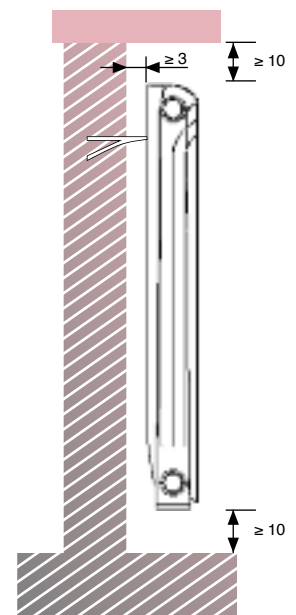
Example of thermal powers readings with different ΔT from ΔT 50° C

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
ISEO 800	47	64	82	101	121	142	164	187	210
ISEO 700	44	59	75	93	111	130	150	171	192
ISEO 600	38	52	66	81	97	114	131	149	168
ISEO 500	34	46	58	71	85	100	115	131	147
ISEO 350	26	35	44	54	64	75	87	97	109













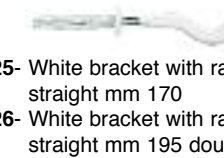




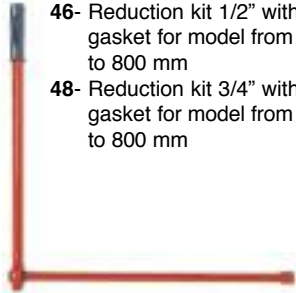
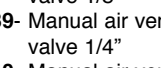
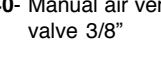




correct installation

- The ISEO 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, 14, 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- Straight bracket	 5- Painted plug or reduction 20- Painted plug or reduction with silicon gasket 6- Galvanized plug or reduction	 237 - hanging peg white 238 - hanging peg chrome	 15- White floor adjustable feet
 3- Square bracket	 7- Gasket for plug and reduction mm 1,50 8- Gasket for nipples mm 1,00 21- Silicon gasket for plug and reduction	 HANGING BAR 201 - cm 48 white 202 - cm 48 chrome 207 - cm 32 white 208 - cm 32 chrome	 9- Nipples 1"
 4- Plastic-coated white square bracket	 43- Reduction kit 3/8" with silicon gasket for model from 200/D to 800 mm 46- Reduction kit 1/2" with silicon gasket for model from 200/D to 800 mm 48- Reduction kit 3/4" with silicon gasket for model from 200/D to 800 mm	 18- Cillit Combi liquid	 13- Automatic air vent valve 1" right or left
 25- White bracket with rawl plugs straight mm 170 26- White bracket with rawl plugs straight mm 195 double mod.	 27- White universal bracket blister (two)	 10- Spray paint	 12- Manual air vent valve 1/8"
 29- White square bracket blister (two)	 79- Lever for spanner 80- Spanner mm 500 81- Spanner mm 800	 39- Manual air vent valve 1/4"	 40- Manual air vent valve 3/8"
 19- Spanner for plug		 41- Manual air vent valve 1/2"	

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

white
RAL 9010

oyster white
RAL 1013

stone grey
RAL 7030

beige grey
RAL 7006

red lilac
RAL 4001

dark grey
N. 2748

silver grey
N. 2676

oxide brown
N. 3112

Quality Certificate



Environment Certificate



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