

DC DieCast

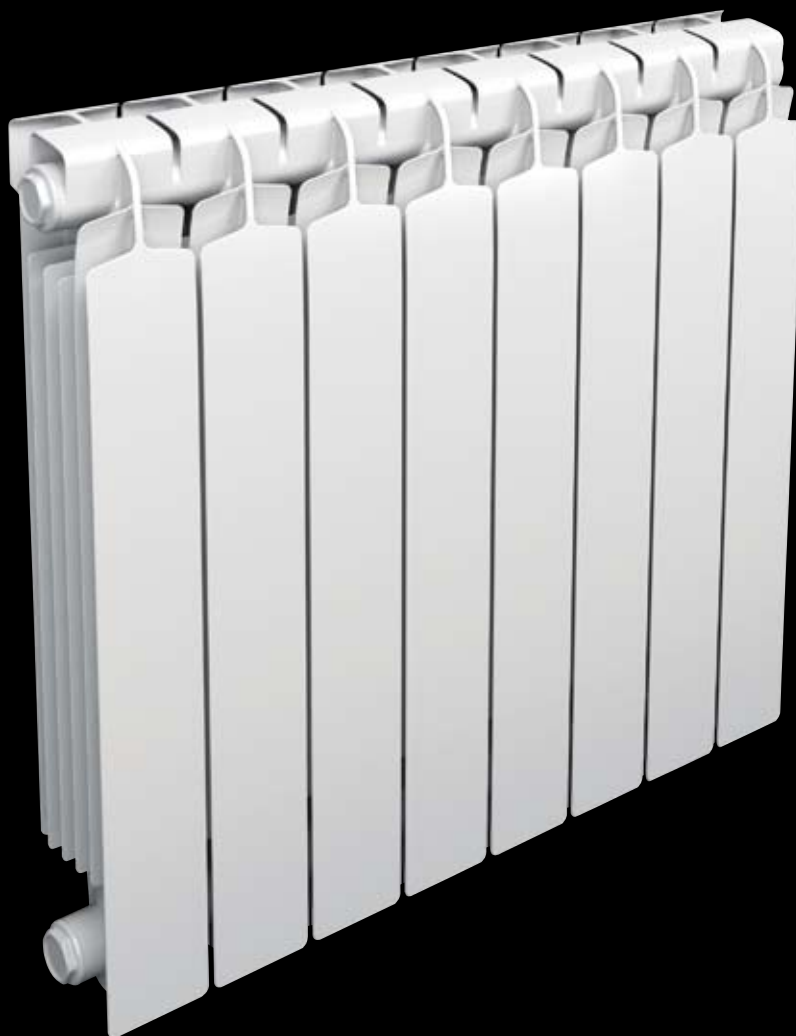
S

meraldo



Radiatori tecno-logici

Smeraldo



Technical data

Model	Total height A (mm)	Distance between centers B (mm)	Depth Min-max C (mm)	Element width D (mm)	Joint's diameter E	Weight (kg)	Water content (l)	Thermal efficiency (Watt)			
								Δt 60K	* Δt 50K	Δt 40K	Δt 30K
Smeraldo 300	395	300	90	80	1"	1,05	0,28	107	84	63	43
Smeraldo 500	595	500	90	80	1"	1,50	0,42	158	124	92	63
Smeraldo 600	695	600	90	80	1"	1,75	0,48	181	142	105	72
Smeraldo 700	795	700	90	80	1"	1,97	0,55	203	159	117	80
Smeraldo 800	895	800	90	80	1"	2,20	0,63	226	177	130	88

*Watt thermal efficiency tested and obtained at MRT of the Politecnico di Milano, as per EN 442/1/2 norms

Quality without Compromise

The **SIRA GROUP** is the world leader in the production of heating radiators. Founded in Italy and in business for more than 50 years, the group has production sites and associated companies throughout the world. Today, the SIRA GROUP, a major player in the field, is strategically placed to expand into the most important international markets.

Smeraldo

More than 50 years experience in the field of pressure die casting has brought us Smeraldo, the SIRA GROUP'S most innovative product of the last few years.

H

Harmonious, with a completely original elegance, Smeraldo was conceived to combine beauty and performance with the highest level of environmental comfort. Designed with soft curves with no corners or sharp edges, it is ideal for any type of public or private installation.

Its high quality finish with artisanal expertise in every detail distinguishes it as a superior class of radiator, unmatched by the competition.

SIRA GROUP - quality at first sight!

F

Furthermore, thanks to in-depth studies conducted with the most modern systems of thermodynamic simulation, Smeraldo offers outstanding performance and unmatched energy savings. It can be adapted to traditional systems such as installations which generate hot water at low temperatures, (condensing boilers, heat pumps etc.) fueled by sources of renewable energy (photoelectric panels, geothermal systems). With a reduced content of water, the system responds rapidly to minimum variations in the temperature desired.

S

Strict quality control (14 Quality Control Steps during production) and completely automated manufacturing allows the SIRA Group to offer an exclusive 15 year guarantee on the Smeraldo, the only die cast aluminum radiator on the market to offer such an advantage.

Smeraldo is available with an axial base of 300 – 800 mm, in different modular versions.

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Installation, Use and Maintenance

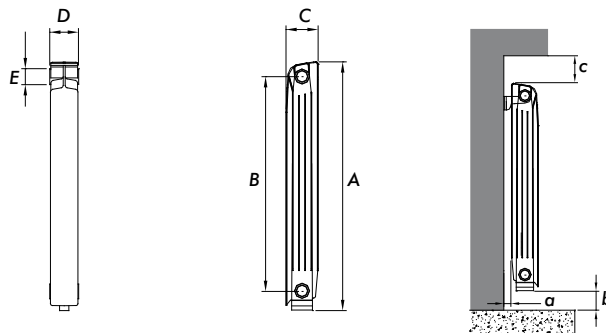
Smeraldo is the only radiator in its class for its ease and time saving characteristics of installation.

To take full advantage of all its features, it is recommended that only original accessories found at authorized retailers be used.

The Smeraldo radiator can be installed in any type of structure. Pay particular attention not to isolate the radiator from the structure itself, thus avoiding potential risks of excess pressure and damage to the radiator itself.

The heating strengths indicated are valid for heating elements installed correctly according to the specifications below:

- (a) Minimum distance from wall: 2,5 cm.
- (b) Minimum distance from floor: 10 cm.
- (c) Minimum distance from windowsill: 12 cm.



Recommendations

- Creating obstacles to air circulation near a radiator by using the radiator as a shelf or for drying clothes etc. can notably reduce the heating power indicated in the instruction manual.
- For cleaning the outside of the radiator, avoid using strong chemical detergents or abrasive pastes. Clean only with water and mild detergents when the radiator is cold in order to preserve its brilliant finish.

G

Guarantee

The Smeraldo radiator offers a 15 years guarantee from the date of construction stamped on each element, subordinate to proper use as outlined in the instruction manual. Any defects in manufacturing as recognized by the company will result in new elements being furnished upon restitution of defective parts.

The guarantee is no longer valid in the following situations: using non-original accessories, incorrect assembly as outlined in the instruction manual provided, mishandling of the radiator or parts of the radiator.

15
years
WARRANTY

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Seal of Quality

The Seal of Quality assures that the stated heating power, manufacturing processes, and the materials used in the construction of the product are in compliance with existing regulations of authorized and independent laboratories. The Control Boards, which authorize the use of the Seals of Quality, undertake periodic inspection visits to manufacturing plants, thus assuring continuing compliance by radiators awarded such a Seal. The awarding and use of a Seal of Quality offers a real guarantee of reliability of the radiator as well as its manufacturer. The choice and use of products officially certified with the Seal of Quality demonstrates professionalism and an awareness of economic and environmental responsibility.





Sira Group Headquarters

Via Bellini, 11 - 40067 Rastignano (BO) - Italy
Tel. +39 051 626 8411 Fax +39 051 743 866
www.siragroup.it
sira@siragroup.it