

# P

ALuminium

erla



Radiatori tecno-logici

ALuminium

# Perla



## Technical data

Model	Total height A (mm)	Distance between centers B (mm)	Depth Min-max C (mm)	Element width D (mm)	Joints diameter E	Weight (kg)	Water content (l)	Thermal efficiency (Watt)			
								$\Delta t$ 60K	* $\Delta t$ 50K	$\Delta t$ 40K	$\Delta t$ 30K
Perla 200	245	200	100	80	1"	0,59	0,16	69	<b>56</b>	43	31
Perla 350	395	350	100	80	1"	0,77	0,20	109	<b>87</b>	67	58
Perla 500	545	500	100	80	1"	1,00	0,25	142	<b>113</b>	86	61
Perla 600	645	600	100	80	1"	1,15	0,28	164	<b>130</b>	98	69
Perla 700	745	700	100	80	1"	1,20	0,31	182	<b>144</b>	108	75
Perla 800	845	800	100	80	1"	1,30	0,33	202	<b>161</b>	122	86

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

RAL 9010 SiraGroup  
white

# Immutable value

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.

## Perla

More than ten years experience in the field of aluminum extrusion radiators has created Perla, a real jewel of technology and design.

## E

Elegant, strong and harmonious in shape, Perla is the result of critical choices and rigid quality control testing that renders the product recognized and appreciated throughout the world. It is manufactured using materials from the space industry which determine its high performance, and is air tight under extreme pressure when undergoing production tests. Furthermore, the surface undergoes a 7 stage chemical treatment and the use of an exclusive epoxy polyester paint allows the SIRA GROUP to obtain a perfect and uniquely brilliant finish, comparable only to other radiators in the SIRA line.

The very best quality/price ratio on the market is the proprietary brand of Perla: in this it has no fear of competitors!

## I

Its modularity makes it compatible with any type of space or environment. Furthermore, thanks to test carried at the Dipartimento di Energetica del Politecnico in Milan, it has demonstrated a structural resistance of up to 100 BAR, an incredible value when considering the normal pressure when in use (6 Bar in systems up to 110 C°) and resistance values of other radiators on the market.

## P

Perla will last for more than 30 years. In-depth studies carried out in laboratory test chambers have demonstrated that Perla remains unaltered, both esthetically and functionally, even after repeated tests in critical environments. SIRA GROUP quality persists over time!

## P

Perla was designed and realized with particular attention being paid to environmental problems. The entire productive process adopts particular measures to limit waste emissions, especially during the painting process which completely avoids the use of polluting substances. All materials used in the production and packaging of Perla are completely recyclable and not harmful to health or the environment.

## I

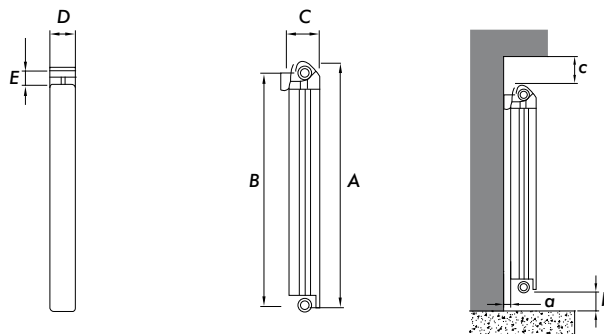
### Installation, Use and Maintenance

Installing Perla radiators is a simple operation because it was designed to be extremely manageable and practical. To take full advantage of all its features, it is recommended that only original accessories found at authorized retailers be used.

The Perla radiator can be installed in any type of structure, both with single and double tubes, and with any type of valve. 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.

One or more batteries of the heating circuit can be excluded.



### 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 Perla 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

## S

### 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 demonstrate professionalism and an awareness of economic and environmental responsibility.





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