

# RS

BM BiMetal



Radiatori tecno-logici

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# RS



## 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
RS 3	372	300	87-95	80	1"	1,48	0,165	109	<b>86</b>	64	44
RS 5	572	500	87-95	80	1"	1,92	0,199	154	<b>121</b>	90	61
RS 6	672	600	87-95	80	1"	2,18	0,216	176	<b>138</b>	102	69
RS 7	772	700	87-95	80	1"	2,45	0,233	199	<b>155</b>	114	77
RS 8	872	800	87-95	80	1"	2,61	0,250	221	<b>172</b>	127	86

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

# Superior technology

The **SIRA GROUP** is the world leader in the production of heating radiators. Founded in Italy and in business for more than 60 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.

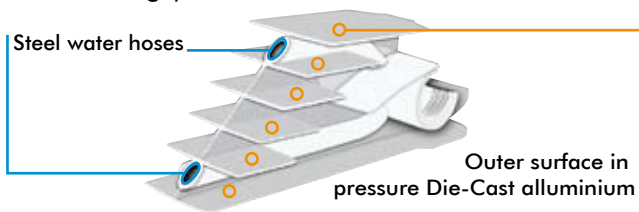
## RS

**Fifty years of constant innovation have led to the creation of RS, market leader of the SIRA GROUP.**

Setting the standard for the entire field, RS has been developed to offer maximum performance, with an innovative and exclusive design, specially created to unite style and safety. Its elegant and soft curves, with no sharp corners or edges, make it particularly adaptable for any residential environment as well as in public locations such as schools and hospitals.

## T

**The Bimetal technology**, patented worldwide by the SIRA GROUP, combines the advantages of steel used in the core (long lasting and resistant to corrosion in a closed circuit) with the advantages of aluminum, used for the external surface (light weight, resistant to external agents and superior heat exchange).



## E

**Economic and environmental advantages of Bimetal technology:**

- RS permits optimal consumption and decreased energy waste. It has a reduced water content and reaches maximum operating efficiency faster than any other aluminum radiators.
- RS is the ideal terminal using hot water at low temperatures (condensing boilers, heat pumps etc.), fueled by renewable sources of energy
- RS is extremely easy to set up and disassemble thanks to its particular assembly system using O-ring gaskets, keeping installation costs at a minimum

## C

**Comfort and technical advantages of Bimetal technology:**

- Complete absence of corrosion and noise: thanks to its steel core, water is never in contact with the aluminum parts, avoiding the formation of hydrogen gas internally, assuring a level of silence never before reached.
- Instant operation, thanks to a reduced water content: heat when you want it, immediately.
- Air tight sealing: with its guided o-ring system, RS Bimetal offers a perfect and durable sealing among the elements, guaranteeing total immutability to dilatation over time.
- Structural inalterability: thanks to its one piece construction with no welding, RS can resist even the highest pressure (up to 170 atm) safely and reliably.
- Can be installed in any type of structure, both with single and double tubes, and with any type of valve, with the possibility of excluding one or more batteries from the heating circuit.

## R

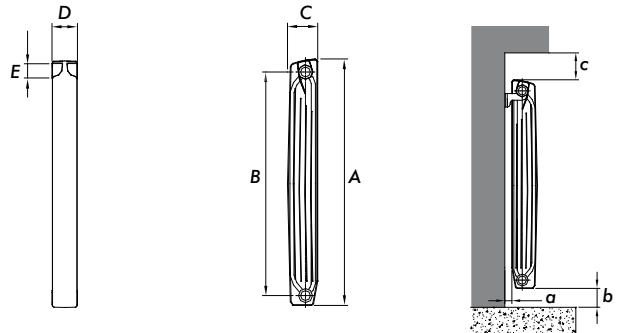
**Rigid quality control** and completely automated manufacturing permit the SIRA GROUP to be the only radiator on the market to offer a 20 year guarantee.

## I

**Installation, Use and Maintenance**

The RS BIMETAL 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 from 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 RS BIMETAL radiator offers a 20 year 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.


**20**  
years  
WARRANTY

## S

**Seal of Quality**

The Seal of Quality assures that the technical specifications correspond to current regulations and that the product is manufactured in full respect of the law, in particular the use of child laborers, safe work environments, and the exclusive use of non-toxic materials only.





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