

CSNA SYSTEMS 20 RS Natural circulation systems

Natural circulation solutions for the production of domestic hot water

CSNA Systems 20 RS



Natural circulation solar systems are the simplest and most economical solution for producing domestic hot water using the free energy of the sun.



The operating principle uses the natural convective motion of the heat transfer fluid, thus not requiring pumps and control systems, for maximum system reliability.



CSNA systems are supplied pre-assembled and represent a quick and easy plug & play solution.



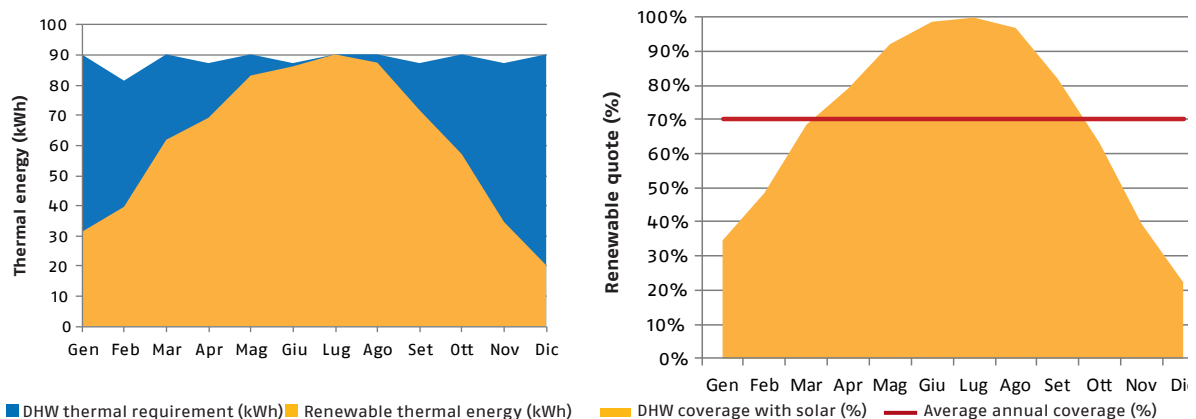
Riello solutions are available in different configurations and are sized to meet the requests of domestic hot water up to 5 people.



The boiler and solar panel are guaranteed for 5 years.

Riello natural circulation systems supply a large part of the energy required for the production of domestic hot water, reducing the use of traditional generators. The share of coverage varies during the year according to the solar irradiation, until you get a fully cover of the request in the summer months.

Below a simulation of the energy produced by a CSNA 20 RS 150/1 solar system until you get a coverage of the domestic hot water thermal requirement for 2 people.



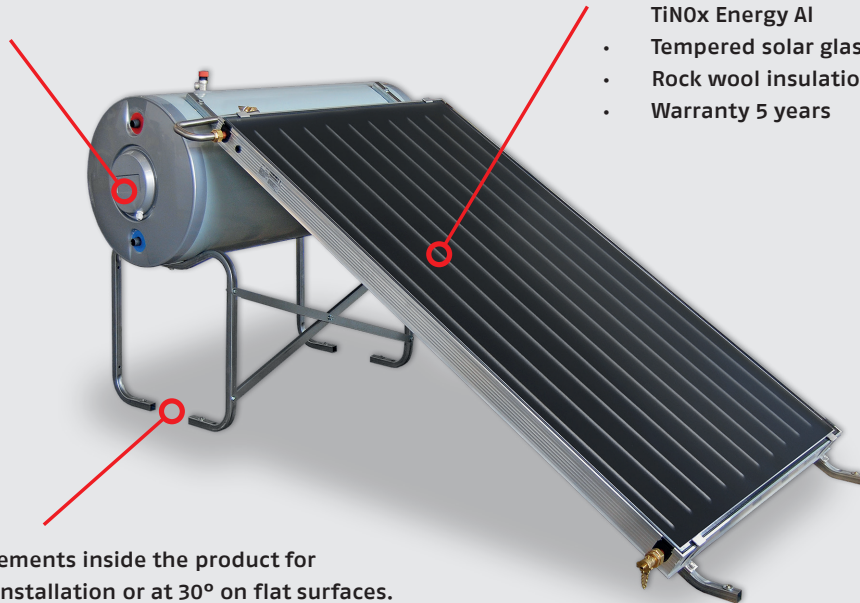
Simulation carried out in Rome, with panels exposed to the south and ACS requirements estimated at 50 liters per day per person. The simulation does not replace the technical / executive project of the solar system carried out by a Thermotechnical Designer.

Tank specific for natural circulation solar systems, partially covered by the solar panel for the minimum aesthetic impact:

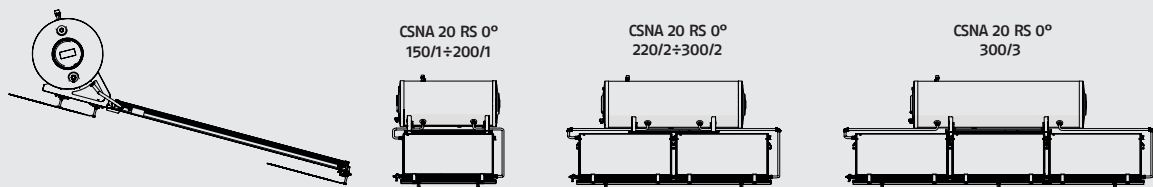
- Tank with insulation made in polyurethane foam
- Internal enamel treatment for maximum hygiene
- Anti-corrosion magnesium anode
- Energy class C
- Warranty 5 years

Solar **Collector** Riello CSAL 20 RS with high efficiency:

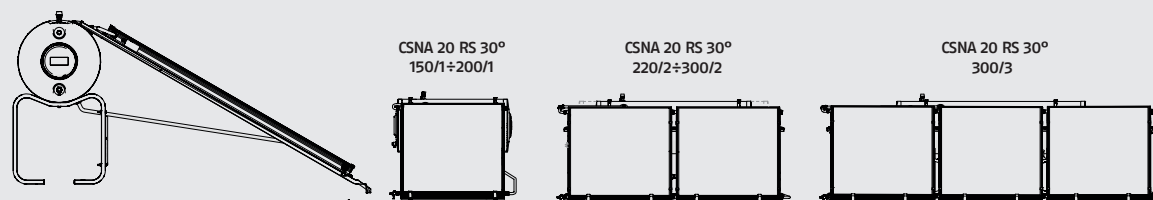
- Surface of the collector 1,9 m²
- Absorber with selective coating in TiNOx Energy Al
- Tempered solar glass
- Rock wool insulation
- Warranty 5 years



PARALLEL ROOF INSTALLATION



INSTALLATION 30 ° ON FLAT SURFACES





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As the company is constantly engaged in the continuous improvement of its entire production, the aesthetic and dimensional features, technical data, equipment and accessories can be subject to variation.

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