



CSP

TECHNOLOGY

SOLAR WATER

for district heating

STRONG POINTS

- >> **ECONOMY**
the most profitable existing source of renewable energy
- >> **EASY MANAGEMENT**
limited maintenance to mirrors cleaning
- >> **STRENGTH**
all components are made in steel and composite materials
- >> **QUICK ASSEMBLY**
the structure is free of welds and the various components are assembled in sequence as a "meccano" without using special equipment
- >> **BUILDING WORKS**
limited to small concrete footings
- >> **ECOLOGY**
zero emissions into the atmosphere
- >> **REDUCED ENVIRONMENTAL IMPACT**
the collectors height does not exceed three meters
- >> **CSP TECHNOLOGY**
the technology is based on the most advanced concentrating solar collection system in the world

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SOLAR WATER

for district heating

The system is based on a unit that allows to realize, in a modular way, solar fields of various sizes of power for the collection of the thermal energy required to generate hot water for district heating and health services.

THE BASE UNIT IS FORMED BY:

- 1 A SOLAR FIELD FOR THERMAL COLLECTION**
whose size depends on the intensity of insolation and consists of parabolic mirrors that reflect the energy of the sun on a receiver tube in which pressurized water flows
- 2 A STORAGE TANK FOR HOT WATER**

