

# Solar thermal installations for hotels and wellness centers

Savings potential on energy costs for heating the water



## **Large amounts of hot water for your guests**

The requirement for hot water is considerably higher in hotels and wellness centers than it is in private households. The guests use more water and also the amounts of hot water required for cleaning, laundry and cooking are very high. Due to differing capacities of room occupation, there are also always exceptional peaks in demand. The heating systems are correspondingly large and energy costs have risen over the last 10 years by a decisive factor.

## **Solar technology brings independence**

A modern solar thermal installation from ALTENSOL offers you the option of significantly reducing fuel requirements for heating the water and of achieving independence from the constantly rising cost of oil and gas. You could recover up to 40% of the energy you currently require to heat the water. Many years of experience in large projects and

individual building solutions have allowed ALTENSOL to carry out accurate hydraulic calculations and to produce an installation layout for your particular case.

## **The deciding factor is quality**

ALTENSOL makes no compromises in planning or installation. The slogan "ALTENSOL Quality" guarantees the highest level of operating reliability and outstanding solar yields. ALTENSOL flat plate collectors are manufactured in Germany and in one of the most modern industrial manufacturing plants in the world, and all components are designed particularly for long life and operational security.

Thanks to universal interfaces, the solar thermal installations from ALTENSOL can be combined with any existing central hot water supply, regardless of manufacturer. Remote maintenance is even available on request via data telecommunication.



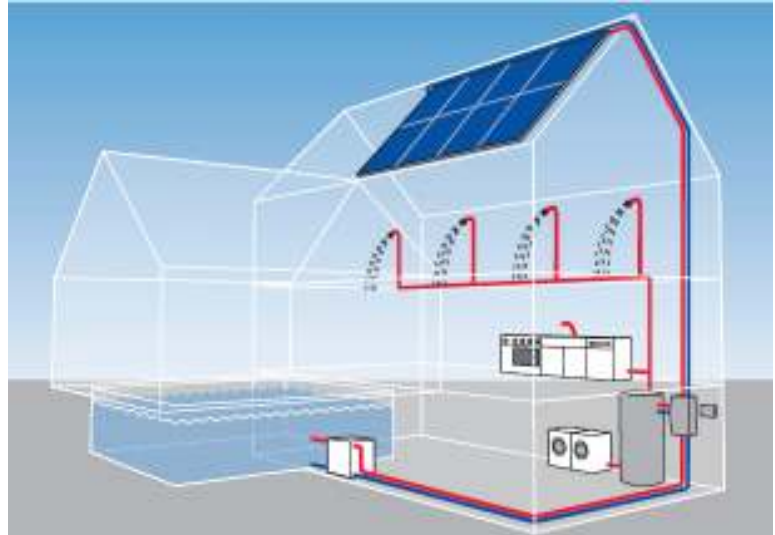
## Gain energy and exploit the positive image of solar technology

During the summer, an ALTENSOL solar thermal installation produces particularly high solar yields for heating water. Planning of the layout takes account of the fact that much of the hot water is used in the mornings and evenings. When the solar hot water cylinders are heated up during the day, any other solar energy can be usefully used for heating a swimming pool.

On days with lower yields or in winter, the normal heating system takes over the water heating without detriment to the comfort of the guests.

### A positive solar image

In Germany, solar energy is the most highly desired energy source. And yet only very few companies have solar installations and advertise with this advanced technology.



A possible installation layout with different uses

Save energy costs and use this to create a positive image of solar energy in order to create additional competitive advantage for yourself.

Offer your guests advanced technology and enjoyment without guilt from a new hotel experience with environmentally friendly solar energy.

## The advantages of a ALTENSOL installation at a glance

- Greater independence from rising oil and gas prices
- Financially attractive in view of grants and depreciation
- Positive image for your house through solar energy
- Many years of experience with large installation technology
- Structurally tested installation system for fixing reliability
- Flat plate collector made in Germany with clear glass

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**All aluminium, steel, PVC-U and solar products developed by ALTENSOL are characterized by their high level of structural reliability and superior quality. The pursuit of perfection, teamwork and a dynamic organization ensure success.**