Solar thermal pre-heating system

LET THE SUN LOWER YOUR DAILY OPERATIONAL COSTS FOR INSTANT HOT TAP WATER

OVER 60% SAVINGS
Solarus PowerCollectors are suitable for heating water up to 70 °C for domestic hot water as well as for industrial processes. Some of the examples are hot water for shower, process water in food industry and cleaning water for industrial equipment. Especially in processes where demand is not continuous the best solution is to pre-heat the water with energy from the sun and then, if needed, boost it up with an auxiliary source.

**Hospitality**
- Tap water – pre-heating your tap water such as showers.
- Pre-wash – pre-heating water for cleaning purposes, such as prewashing dishes.
- Hotfill equipment – pre-heating water for cleaning purposes with hotfill equipment, such as laundry and dishwasher.
- Swimming pool – heating up your swimming pool.
- Regeneration of seasonal storage – balancing your Aquifer Thermal Energy Storage (ATES) during spring and summer.

**Food Industry**
- Washing – heating water to clean fruit and vegetables.
- Cleaning – heating water for cleaning purposes, such as equipment, machinery and tanks.

**Solarus installations / references**
- Pre-heating tap water for rooms, restaurant and gym with swimming pool at Vineyard hotel in South Africa.
- Pre-heating water for cleaning purposes with hotfill equipment, like washing utensils in India.
- Pre-heating for a large washing line for Ipragaz in Turkey.
- Pre-heating water to clean equipment at the Henri Willig cheese factory in the Netherlands.

By using the Solarus pre-heating system, your daily operational costs for your warm tap water will be reduced significantly.

*Solar thermal pre-heating system* *All solutions will also provide electricity.*
SUNPOWER FOR THE PEOPLE