



Siddons Solarstream

always in hot water... with nature's help

HEAT PUMP WATER HEATING

- Save 75% on hot water energy costs
- Superior performance day and night
- Long life stainless steel water tank
- Helps reduce greenhouse gas emissions
- Light weight, easy to transport and install
- No unsightly solar equipment on roof
- No electric heating elements
- Suitable for commercial applications

COMMERCIAL APPLICATIONS

For many light commercial applications a Solarstream Heat Pump Water Heater (HPWH) makes very good economic sense. For companies looking at environmental (Green) buildings these Heat Pump Water Heating systems offer prospective clients, tenants or owners a viable competitive edge with their building stock and operational costs.

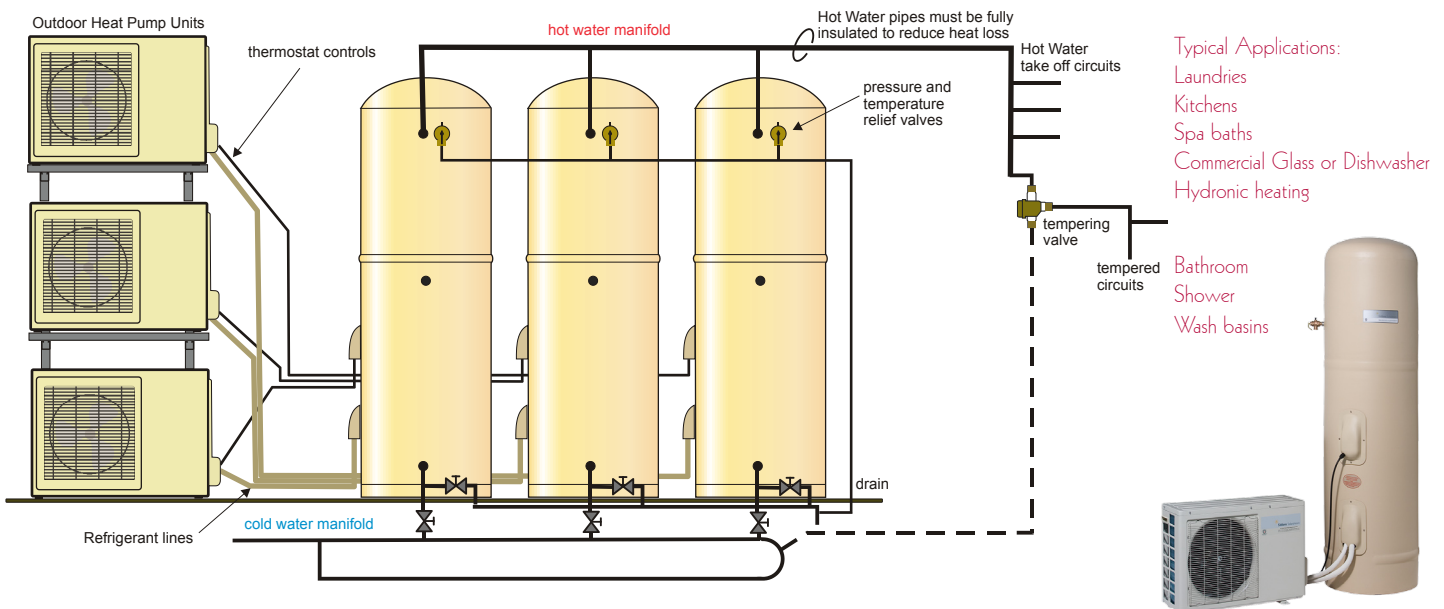
Low installation costs, high energy savings, and abundant storage capacity helps manage any peak consumption demands across a wide variety of industries and business applications. Solarstream units can be single units or coupled together in many combinations from 3~6 units for energy efficient light commercial installations.

Typical commercial examples are:

- Gymnasiums, Fitness Centres, Health Spas
- Aged Care Facilities, Medical Centres, Hair Salons
- Kindergartens, Day Care Centres, Play Centres
- Hostels, Backpackers, Motels Complexes, Caravan parks
- Manufacturing Facilities, Commercial Buildings, Bars, Restaurants.

The Solarstream Heat Pump Water Heater (HPWH) system offers tremendous advantages over other commercial hot water systems with very low power and electrical requirements. Each unit draws only 4~6 amps when running, so 3 units needs only a maximum of 18 amps (single phase) A similar electric element system would need a minimum of 18kW's or 75 amps. This would require 3 phase power, expensive electric cables and controls. With Solarstream, simple electrical controls can be installed to sequence the start-up times and phasing of the units for even greater energy savings.

TYPICAL LIGHT COMMERCIAL INSTALLATION ~ 3 UNITS



In This Example:

980 litres of base load hot water storage

Up to approximately 300 litres / hr recovery to 50°C @ 20°C ambient air

Maximum power connection 3x1.4 Kw = 4.2Kw (18 amps)

- Single phase & single circuit electrical connection (3x10 amp socket outlets)
- Low installation costs
- Exceptional energy efficiency - high REC's
- Low operational costs
- No booster elements
- Back-up security of 3 separate units
- Total outdoor Installation

Actual Unit, model 327SSAD

Solarstream Heat Pump Water Heaters can be used in many varied water heating applications. For more technical information on Solarstream commercial applications, REC's and installations contact: