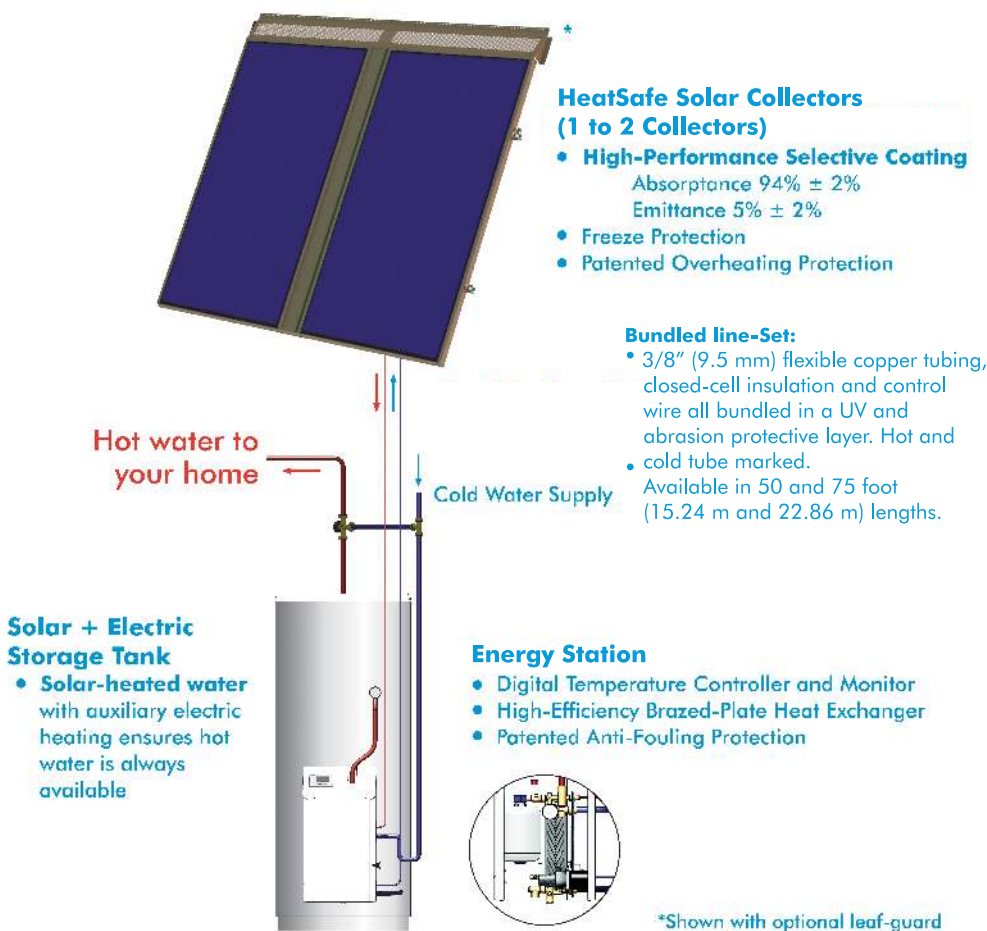


THE ENERWORKS SPECTRUM SINGLE TANK APPLIANCE

For Builder, Utility and Small Commercial Projects

HOW IT WORKS



Imagine!

- Save money on your energy bill
- A reliable, all-season appliance
- Fast installation by trained professionals



The HeatSafe Solar Collectors resemble skylights and can be roof-, wall- or rack-mounted. The HeatSafe Solar Collectors feature a patented temperature-limiting mechanism that allows hot air to vent, preventing overheating on a hot summer day. The food-grade heat-transfer fluid provides freeze-protection, supporting Appliance operation and continued savings year-round.

The Appliance uses free solar energy to heat water. Solar-heated water is produced during sunny periods. If necessary, the electric element in the tank heats the water during periods of low solar radiation and at night so you are never without hot water.

Patented anti-fouling protection prevents clogging of the heat exchanger and ensures optimal performance.

Harness the sun's energy to heat your water — a clean, cost-effective solution!



EnerWorks Inc. is one of North America's leading solar thermal technology providers with proven, patented technology offering high-quality, reliable, cost-effective water-heating solutions to the North American market. EnerWorks Solar Water Heating Appliances supply energy for less than the cost of grid electricity. Choosing emission-free, solar energy is a positive step to a clean environment and to saving money.

Application: Average Size Household or Small Commercial, Year Round Use

One or Two Collectors

Solar storage and electric auxiliary are combined in one tank to minimize the appliance footprint, allowing installation where floor space is at a premium. Product performance varies with hot water use and geographic location. In southern North America, particularly with mid-day summer ambient temperature of 105 °F (40 °C), a single-collector appliance is recommended.

HeatSafe Solar Collector

- One or two, 4' x 8' (1.219 m x 2.438 m) collectors, 3" (7.6 cm) deep, 110 lb (50 kg) each
- Patented Collector Temperature Control. US Patent #7,143,762 B2
- Frame & Flashing: Galvalume™ steel satin finish, neutral dark color
- Absorber: Copper tube on aluminum sheet absorptance 94% ± 2%, emittance 5% ± 2%
- Glazing: Low-iron, patented tempered glass with side edge guard.

Energy Station

- 33 lb (15 kg)
- Pump & Motor: 115 V/single phase/60 Hz, 6 W (1/125 HP) mechanical power output, 23 W power input, nominal 0.25 A motor, precision miniature gear pump
- Controller & Monitor: Differential setpoint-type controller, digital, programmable, communicates wirelessly with remote monitor
- Heat-Transfer Fluid: Solution of 50% Propylene-Glycol USP/EP by volume with distilled water, non-toxic, no additives
- Expansion Tank: Coated steel tank with internal bladder
- Heat Exchanger: High-efficiency, brazed-plate, stainless steel; available in double wall or single wall
- Patented Anti-Fouling Protection. US Patent # 6,827,091

Solar Storage Tank

- Specially designed solar + electric tank, either 80 or 120 US gallon (302 or 454 L)

Mounting Hardware

- Roof-, rack- or wall-mounted, EnerWorks collectors have a proprietary bracket system that is flexible and safe

Bundled Line-Set:

- 3/8" (9.5 mm) flexible copper tubing, closed-cell insulation and control wire all bundled in a UV and abrasion protective layer. Hot and cold tube marked. Available in 50 and 75 foot (15.24m and 22.86m) lengths.

Leaf-Guard (optional)

- Galvalume™ steel, satin finish, neutral dark color
- For applications where leaves or other debris could collect under collectors

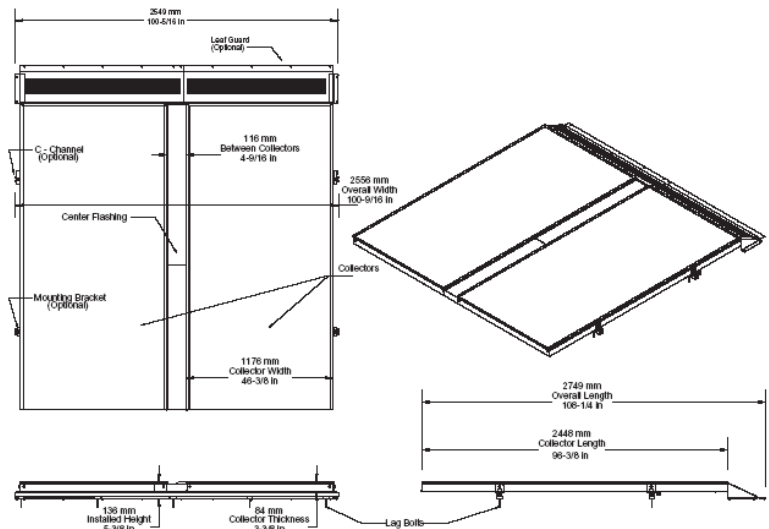
PRODUCT TECHNICAL SPECIFICATIONS

HEATSAFE SOLAR COLLECTORS

Two collectors shown



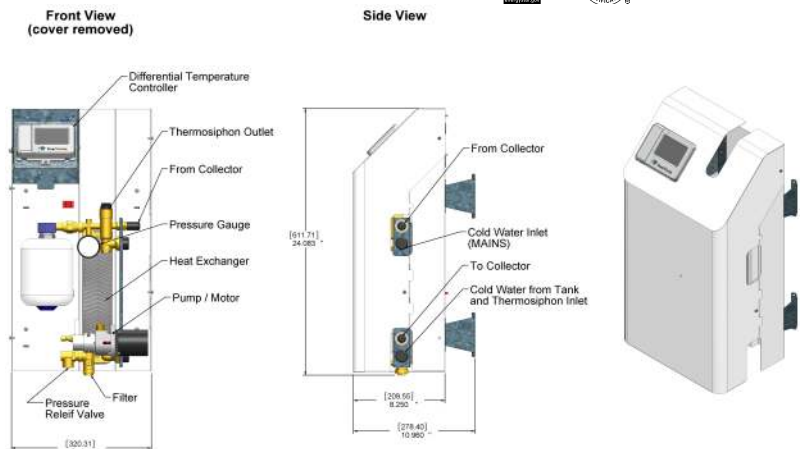
Collector Certification: SRCC 100-2005-014A



ENERGY STATION



Collector Certification: SRCC 300-2007-010A



For more information, contact: