



new!

Solar Pump Station



SPS-2-AC

Solar Hot Water Appliance

Closed Loop, Dual Pump, AC powered

- Suitable for most residential applications
- Small size 8.5" x 14" x 5"
- Simplifies installation
- Wall or tank mounted
- Designed for integration with conventional hot water tanks
- Low power usage
- High efficiency brazed plate heat exchanger
- Durable enclosure – Clean appearance
- Made in the USA



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Specifications:

System Power	120 VAC, 60 Hz, 30 Watts
Solar loop pressure	20-35 psig
Circulators, solar and potable loop:	Bronze, high efficiency DC
Heat Exchanger:	SS brazed plate, single walled
Fittings	Copper and brass, 1/2"
Temperature /Pressure indication	Combination P/T gauge on solar loop Digital storage / collector indication
Pressure Relief Valve	Factory set to 40 psi
Controller	Integrated Programmable Differential Temperature Controller
Solar loop fluid	Non-toxic Propylene Glycol with water and food grade inhibitors only.

Controller details:

- Large, Clear, Blue LED display
- Collector and two storage temperature displays
- (1) Auxiliary output for heat dump output for pumps or valves
- (1) Auxiliary output for heat assist with programmable timer.
- High-high temperature shutdown
- (3) 10K Thermistor sensors included
- Manual ON, OFF, or AUTO setting
- Onboard warnings for errors
- Celsius or Fahrenheit temperature display
- RS485 Output for monitoring with a PC, and over the Internet

Available from:



Installation details:

- Detailed installation manual included
- 2 copper tubes to collector with air vent and expansion tank
- 2 copper tubes to storage
- Collector and Storage sensor wiring

A QUALIFIED PROFESSIONAL SHOULD REVIEW FINAL SYSTEM DESIGN FOR COMPONENT SIZING AND ARRANGEMENT. PURIST ENERGY, LLC. SHALL NOT BE LIABLE FOR SYSTEM NON-PERFORMANCE OR DAMAGE.



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