



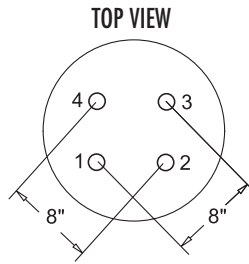
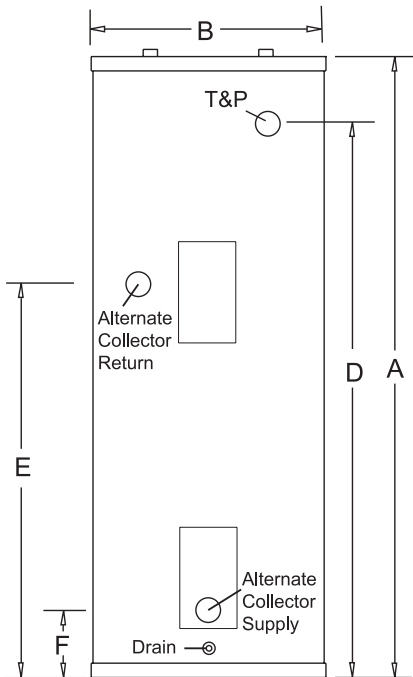
Sun Saver Solar Water Heaters

Standard Features

- **Exceeds ASHRAE Energy Standards**
- **Foam Insulation** – Improved formulation provides uniform tank coverage with a thick blanket of insulating foam. This non-CFC polyurethane closed cell foam provides an R-Value of 16 to minimize standby heat loss and maximize heat retention.
- **Glass-Lined Tank** – Fused to the tank at 1600°F, the durable glass lining is triple-tested, assuring lasting protection against rust and corrosion while providing clean, clear hot water.
- **Magnesium Tank Saver** – A large diameter anode rod provides lasting protection from the effects of electrolytic corrosion.
- **Dielectric Nipples** – Protect the tank from corrosive action between dissimilar metals, and reduce installed cost.
- **Thermal Isolation** – Unique design prevents heat loss through the bottom of the tank.
- **Side Relief Valve Tapping** – This provides quicker, labor-saving installation.
- **Pre-Wired Tank Sensor Lead**
- **Heating Element** – 4500 watt immersion type heating element for heating system back-up.
- **Certified at 300 psi test pressure** – for 150 psi working pressure all models .
- **Brass Drain Valve**
- **Warranty** - Six or Ten year limited tank warranty.
Six year warranty on parts.
(See warranty for details)



Sun Saver Solar Dimensions and Specification



- #1 – 3/4" Pump Suction
- #2 – 3/4" Cold Inlet
- #3 – 3/4" Collector Return
- #4 – 3/4" Hot Outlet

Model No.	Gal. Cap.	A	B	D	Alt. Coll. Return E	Alt. Coll. Supply F	Ship Weight
FTA066K	65	59"	22"	52-1/2"	–	–	165
FTA082K*	80	59"	24"	52-1/2"	38"	8"	210
FTA120K*	119	62-3/4"	28"	56"	38-1/4"	8"	310

Notes: *Models feature alternate collector supply and return connections.

The **Water Heater** shall be Lochinvar Sun Saver Solar Storage Tank Model _____ with a (65) (80) (120) gallon storage capacity. The tank shall be of standard construction with a 150 psi working pressure and a 300 psi test pressure. The interior surfaces of the tank shall be glass lined and fired to 1600°F to ensure a molecular fusing of glass and steel. A large diameter magnesium anode shall be installed in each vessel. The tank shall be supplied with four male connections on the top of the vessel, one 3/4" NPT Collector Supply Tube, one 3/4" NPT Collector Return Tube, one 3/4" NPT Cold Inlet Tube and one 3/4" NPT Hot Outlet Tube. The lined nipple connections shall promote a dielectric waterway fitting to provide longer tank life. A 3/4" NPT tapping shall be provided on the side of the tank for easy mounting of a T&P relief valve. The tank shall be insulated with 2" of a high density, R16 rated non-CFC polyurethane closed cell foam insulation. The tank shall also be equipped with thermal feet to space the vessel off the floor and prevent thermal conduction through the bottom of the tank. The jacket shall be heavy gauge steel with baked enamel finish. An upper and lower access door shall be provided on the jacket. A solar sensor mounting stud shall be provided behind the lower access door on the tank. Pre-wired sensor leads shall be provided from the sensor stud to the top of the tank to allow easy field connection. The tank shall be equipped with an immersion electric heating element to provide back-up heating for the solar system. A surface mounted thermostat and high water temperature limit shall be provided to control water temperature. The heating element shall be a 4500 watt, _____ volt, element with a screw in mounting flange. Internal wiring to the immersion element and controls shall be composed of solid copper wire having an insulation material rated at 600 V, 200°C. Element power wiring shall terminate in an electrical junction box located on the top of the jacket for ease of installation. The Lochinvar Sun Saver Solar Storage Tank shall have a (6 year) (10 year) warranty against tank leakage due to defects in materials or workmanship.



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