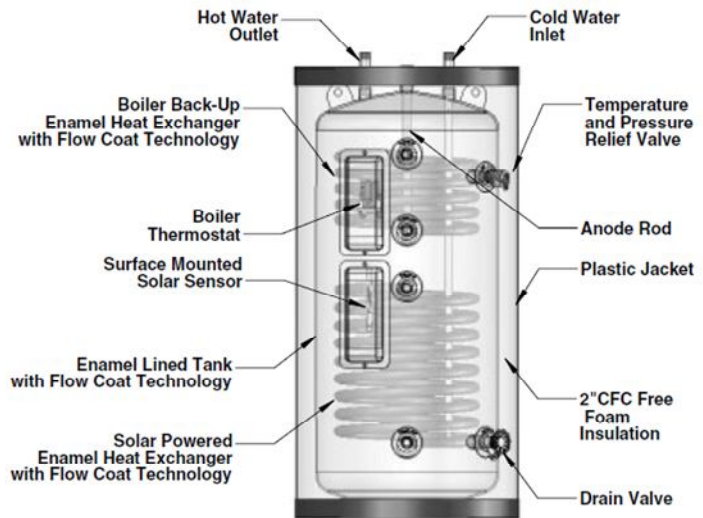
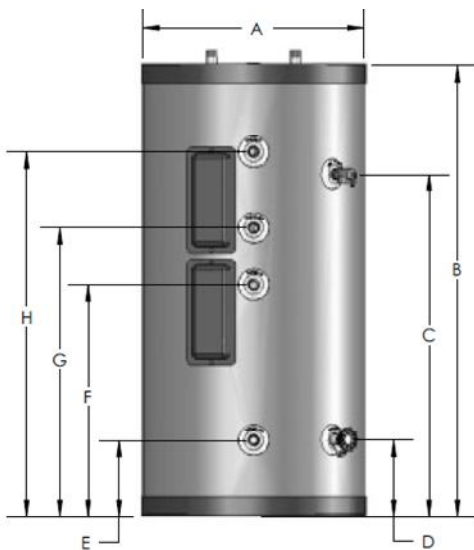


## Solar Skies Steel Tank Series/Boiler Back Up

### Features:

- Specially formulated Enamel Flow Coat guarantees 100% tank coverage. No exposed welds.
- Solar Heat Exchanger provides maximum heat transfer of solar energy.
- Back-Up Boiler Heat Exchanger provides back-up heat source from the boiler if the solar fails to keep up with hot water demand.
- Environmentally safe, CFC free, water blown, extra thick foam insulation allows less than 1/2 degree F per hour heat loss.

- Outer Shell constructed of black finished durable plastic for rust and impact resistance.
- Limited warranty – 5 years commercial and 7 years residential.
- Factory supplied Temperature and Pressure Relief Valve and Drain.
- SRCC OG300 Certified – applies to Federal Tax Credit when connected to Solar Panel.



SOLAR WATER HEATER DIMENSIONS									
		DIMENSIONS							
MODEL #	GAL.	A	B	C	D	E	F	G	H
915-011	50	23"	46-1/2"	36-1/2"	8"	7-3/4"	23-1/2"	30"	37-3/4"
915-013	80	23"	71-1/2"	60-1/4"	8"	7-3/4"	33-1/2"	43"	55-1/2"
915-015	119	27"	64"	51"	10-1/2"	10"	27"	36"	47-1/4"

ALL DIMENSIONS ARE APPROXIMATE

SOLAR WATER HEATER SPECS				
MODEL #	GAL.	HEAT EXCHANGER OUTLET SIZE	INLET/OUTLET SIZE	SHIPPING WEIGHT (lbs)
915-011	50	1" NPT	3/4" NPT	187
915-013	80	1" NPT	1-1/2" NPT	286
915-015	119	1" NPT	1-1/2" NPT	367

SOLAR SKIES STEEL TANK SERIES / BOILER BACK UP								
MODEL	HX VOLUME GALLONS		HEATED WATER VOLUME OF BACK UP	RECOVERY OF BACK UP IN MINUTES		BOILER OUTPUT FOR TEST RECOVERY	FIRST DRAW*	
	SOLAR	BOILER		65° RISE	90° RISE		65° RISE	90° RISE
915-011	2 GAL	1.5 GAL	18 GAL	12 MIN	17 MIN	80,000 BTU/HR	20 GAL	14 GAL
915-013	2 GAL	1.5 GAL	37 GAL	17 MIN	24 MIN	90,000 BTU/HR	38 GAL	26 GAL
915-015	2 GAL	1.5 GAL	67 GAL	22 MIN	31 MIN	100,000 BTU/HR	70 GAL	46 GAL

\* AMOUNT OF WATER DRAWN OUT OF STORAGE TANK WITHOUT ANY ENERGY INPUT

Solar Skies Mfg., LLC reserves the right to make product changes or updates without notice. Solar Skies Mfg., LLC will not be held liable for typographical errors in literature. For questions, please consult the factory.

Solar Skies Mfg, LLC

106 Donovan Drive • Alexandria, MN 56308 • Ph 320-762-1151 Fax 320-762-1460



## **Solar Skies Steel Tank Series/Boiler Back Up**

---

### **Solar Water Heater Specifications**

This solar hot water storage tank shall be designed for production of domestic hot water from either a solar collector or boiler. This tank shall be equipped with two heat exchangers to transfer heat from either source. The solar heat exchanger shall be located in the bottom section of the tank and heat the entire water volume of the storage tank. The boiler heat exchanger shall be located in the upper section of the storage tank, providing back up heat when the solar collector is not providing enough heat to maintain the tank set point. The storage tank shall have a capacity of \_\_\_\_\_ gallons.

This solar hot water storage tank will be equipped with a stud and securing nut to mount a sensor that will control the operation of the solar heat exchanger. This storage tank will have an additional control located in the upper portion of the tank, which will monitor and control the operation of the boiler back up heat source to maintain the desired water temperature.

This tank will be constructed with glass lined, flow coated technology with an applied enamel coating covering 100% of the inner tank surface. The outer tank shell shall be constructed of high density polyethylene plastic with 2 inches of CFC free polyurethane foam insulation. This tank shall be supplied with a full port drain valve and a temperature and pressure valve with a rated pressure relief of 150 PSI and temperature relief at 210 degrees.

**Solar Skies Mfg, LLC**

106 Donovan Drive • Alexandria, MN 56308 • Ph 320-762-1151 Fax 320-762-1460