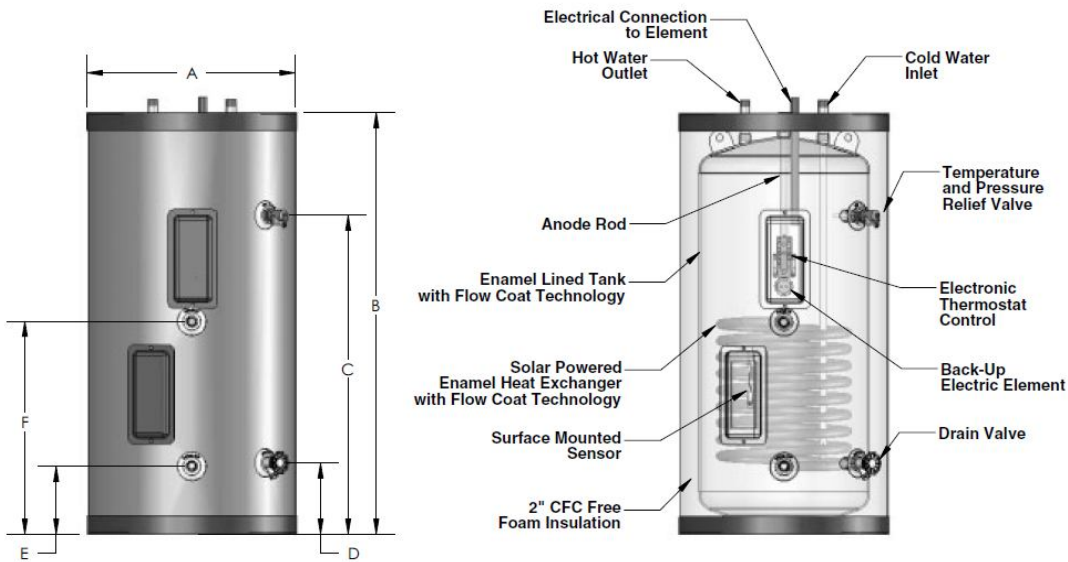


# Solar Skies Steel Tank Series/Electric Back-Up

## Features:

- Specially formulated Enamel Flow Coat guarantees 100% tank coverage. No exposed welds.
- Solar Heat Exchanger provides maximum heat transfer of solar energy into hot water.
- Back-Up Electric Element provides back-up heat source from Electric Element if 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 Valve.
- SRCC OG300 Certified – applies to Federal Tax Credit connected to solar collector.



SOLAR WATER HEATER DIMENSIONS							
DIMENSIONS							
MODEL #	GAL.	A	B	C	D	E	F
915-010	50	23"	46-1/2"	36-1/2"	8"	7-3/4"	23-1/2"
915-012	80	23"	71-1/2"	60-1/4"	8"	7-3/4"	33-1/2"
915-014	119	27"	64"	51"	10-1/2"	10"	27"

ALL DIMENSIONS ARE APPROXIMATE

SOLAR WATER HEATER SPECS				
MODEL #	GAL.	HEAT EXCHANGER OUTLET SIZE	INLET/OUTLET SIZE	SHIPPING WEIGHT (LBS)
915-010	50	1"	3/4" NPT	175
915-012	80	1"	1-1/2" NPT	237
915-014	119	1"	1-1/2" NPT	336

SOLAR SKIES STEEL TANK SERIES / ELECTRIC BACK UP						
MODEL	SOLAR HX VOLUME GALLONS	HEATED WATER VOLUME OF BACK UP	RECOVERY OF BACK UP IN MINUTES		FIRST DRAW *	
			65° RISE	90° RISE	65° RISE	90° RISE
915-010	2 GAL	18 GAL	38 MIN	53 MIN	20 GAL	14 GAL
915-012	2 GAL	37 GAL	78MIN	108 MIN	38 GAL	26 GAL
915-014	2 GAL	67 GAL	141MIN	196 MIN	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

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# Solar Skies Steel Tank Series/ Electric Back Up

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## 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 an electric element. This tank shall be equipped with a heat exchanger to transfer heat from the solar collectors. 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 electric element shall be located in the upper section of the storage tank and provide back up heat to maintain the set point of the tank. 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 pump. This storage tank will have an additional control located in the upper portion of the tank to monitor and control the operation of electric back up heat source to maintain the desired water temperature.

This tank will be constructed with flow coated technology with an applied enamel coating covering 100% of the inner tank surface and heat exchanger. This 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 temperature and pressure valve with a rated relief pressure of 150 PSI and temperature relief at 210 degrees.

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