



**SuperStor Ultra Solar Water Heaters
with Boiler (SB Series) or Electric (SE Series) Back-Up**

JOB NAME:

LOCATION:

ARCH./ENGR.:

WHOLESALER:

MECH. CONTRACTOR:

MODEL NUMBER:

BACK-UP WATER HEATING SYSTEM:

High Efficiency Solar Heat Exchanger

- High output finned 90/10 cupronickel solar heat exchanger provides corrosion resistance and maximum heat transfer of solar energy to domestic water
- Gasketless heat exchanger design
- 1" NPT solar heat exchanger inlet/outlet size – all models

Stainless Steel Tank

- Tank constructed of type 316L stainless steel for tolerance of high temperatures and superior corrosion resistance
- Insulated with environmentally safe, CFC free, water-blown, extra thick foam insulation
- Allows less than ½ degree Fahrenheit per hour heat loss
- Outer shell constructed of silver finished durable plastic for rust and impact resistance
- 1" NPT inlet and outlet domestic connection size for all models
- Included temperature and pressure relief valve
- Stainless steel control well for accurate current temperature measurement inside vessel

SB Series Solar Water Heaters

- Back-up Boiler Heat Exchanger – provides back-up water heating from the boiler if the solar system fails to keep up with domestic hot water demand
- Specially formulated high output finned 90/10 cupronickel heat exchanger provides corrosion resistance and maximum heat transfer of boiler energy to domestic water
- Gasketless heat exchanger design
- 1" NPT boiler heat exchanger outlet size – all models
- Stainless steel boiler control well to accurately control back-up operation

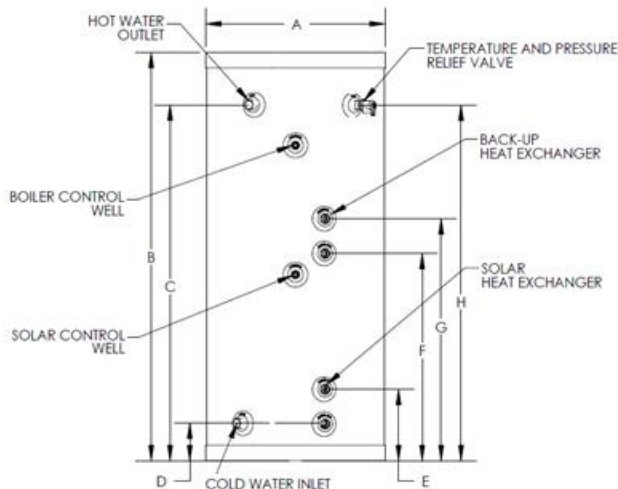
SE Series Solar Water Heaters

- Back-up Electric Element - 4500W / 240V stainless steel incoloy electric element with brass screw base - provides back-up water heating if solar system fails to keep up with domestic hot water demand
- Surface mounted thermostat control provides timely activation of the back-up electric element

Additional Features

- Limited warranty – Lifetime residential and 7 years commercial coverage
- SRCC OG-300 Certified – applies to Federal Tax Credit when connected to a solar collector
- May qualify for additional State and Local incentives – ask your installer for more information

SUPERSTOR SB SERIES SOLAR WATER HEATER (with BACK-UP HEAT EXCHANGER)

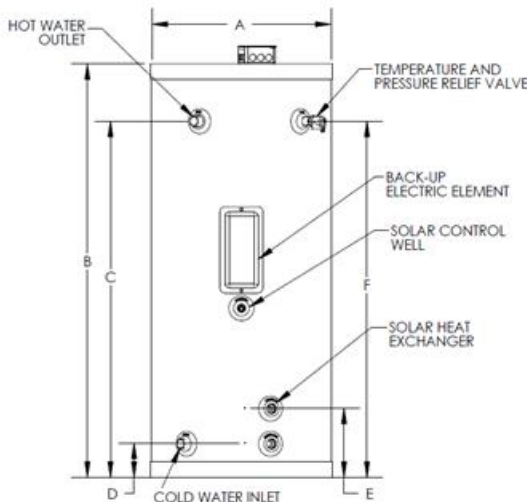


LP-196
04/19/11

SUPERSTOR SOLAR WATER HEATER DIMENSIONS								SUPERSTOR SOLAR WATER HEATER SPECS								
MODEL #	GAL.	DIMENSIONS						MODEL #	GAL.	HEAT EXCHANGER OUTLET SIZE	INLET/OUTLET SIZE	DRY WEIGHT	WET WEIGHT	SHIPPING WEIGHT (lbs)		
		A	B	C	D	E	F								G	H
SSU-60SB	60	23"	52"	46"	5"	9-1/4"	26-1/2"	31"	46"	SSU-60SB	60	1" NPT	1" NPT	100	492	120
*SSU-80SB	80	23"	72"	64-1/2"	5"	9-1/4"	36-1/2"	41-1/2"	64-1/2"	*SSU-80SB	80	1" NPT	1" NPT	131	656	151
*SSU-119SB	119	27"	74"	66-1/2"	7-1/2"	11-1/4"	38-1/2"	43-1/2"	66-1/2"	*SSU-119SB	119	1" NPT	1" NPT	210	1722	220

SUPERSTOR SOLAR SB SERIES									
MODEL	HX VOLUME GALLONS		HEATED WATER VOLUME OF BACK UP	MAX. OPERATING PRESSURE OF COIL	RECOVERY OF BACK UP IN MINUTES		BOILER OUTPUT FOR TEST RECOVERIES	FIRST DRAW *	
	SOLAR	BOILER			65° RISE	90° RISE		65° RISE	90° RISE
SSU-60SB	1 GAL	1 GAL	35 GAL	150 PSI	11 MIN	16 MIN	104,000 BTU/HR	40 GAL	28 GAL
SSU-80SB	1 GAL	1 GAL	49 GAL	150 PSI	14 MIN	19 MIN	114,000 BTU/HR	60 GAL	40 GAL
SSU-119SB	1 GAL	1 GAL	64 GAL	150 PSI	22 MIN	31 MIN	121,000 BTU/HR	90 GAL	60 GAL

SUPERSTOR SE SERIES SOLAR WATER HEATER (with BACK-UP ELECTRIC ELEMENT)



LP-195
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SUPERSTOR SOLAR WATER HEATER DIMENSIONS							SUPERSTOR SOLAR WATER HEATER SPECS							
MODEL #	GAL.	DIMENSIONS					MODEL #	GAL.	HEAT EXCHANGER OUTLET SIZE	INLET/OUTLET SIZE	DRY WEIGHT	WET WEIGHT	SHIPPING WEIGHT (lbs)	
		A	B	C	D	E								F
SSU-60SE	60	23"	52"	46"	5"	9-1/4"	46"	SSU-60SE	60	1" NPT	1" NPT	90	492	115
*SSU-80SE	80	23"	72"	64-1/2"	5"	9-1/4"	64-1/2"	*SSU-80SE	80	1" NPT	1" NPT	121	656	146
*SSU-119SE	119	27"	74"	66-1/2"	7-1/2"	11-1/4"	66-1/2"	*SSU-119SE	119	1" NPT	1" NPT	200	1722	215

SUPERSTOR SOLAR SE SERIES								
MODEL	SOLAR HX VOLUME GALLONS	WATER VOLUME OF BACK UP	MAX. OPERATING PRESSURE OF COIL	RECOVERY OF BACK UP IN MINUTES		FIRST DRAW*		
				65° RISE	90° RISE	65° RISE	90° RISE	
SSU-60SE	1 GAL	35 GAL	150 PSI	74 MIN	102 MIN	40 GAL	28 GAL	
SSU-80SE	1 GAL	49 GAL	150 PSI	104 MIN	143 MIN	60 GAL	40 GAL	
SSU-119E	1 GAL	64 GAL	150 PSI	135 MIN	187 MIN	90 GAL	60 GAL	

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

* DW SOLAR COIL MODELS SPECIAL ORDER. CONSULT FACTORY

All tank dimensions are approximate. Heat Transfer reserves the right to make product changes or updates without notice. Heat Transfer will not be held liable for typographical errors in literature. For questions, please consult the factory.