



Residential Electric Indirect Solar Booster Water Heaters

American 80 and 120-gallon indirect solar booster water heaters are specially designed for installation as part of a closed loop solar water heating system. They provide storage for the hot water produced by the solar panels and a supplementary electric heating element that maintains consistent water temperature during periods when solar energy is not available. Count on American for products that provide hot water solutions for residential renewable energy applications.

INTERNAL HEAT EXCHANGER

- Single wall internal coil-type heat exchanger for the most efficient heat transfer from solar panels
- Suitable for propylene glycol heat transfer fluid with corrosion inhibitor

ELECTRICAL

- 4500 watt heating element - long lasting low-watt density spreads wattage over larger surface area to prolong element life and maximize efficiency
- Prewired for surface mount temperature sensor (sensor supplied separately)

CONSTRUCTION

- Commercial grade glass lining (slush coated) –protects against corrosion to maximize tank life.
- 2 Inch thick “Environmentally-Friendly” Non-CFC Foam insulation (R16 Value) reduces standby heat loss.

DIFFUSER DIP TUBE

- Helps reduce lime and sediment buildup to maximize hot water output
- Made from long-lasting PEX cross-linked polymer

PREMIUM ANODE RODS

- Primary and secondary magnesium anodes with stainless steel core protect tank against corrosion longer than ordinary anodes

FACTORY-INSTALLED CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

PEX-LINED, HEAT TRAP NIPPLES FOR EFFICIENCY

CODES AND STANDARDS

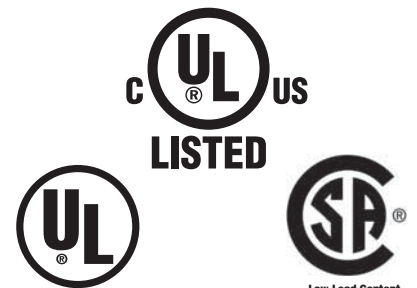
Complies with current editions of: UL Standard for Household Electric Storage Tank Water Heaters, UL 174; Canadian Standard for Construction and Test of Electric Storage-Tank Water Heaters, CAN/CSA-C22.2 No. 110-M90; Packaged Solar Domestic Hot Water Systems (Liquid-to-Liquid Heat Transfer) For All-Season Use, F379.1-09; Packaged Solar Domestic Hot Water Systems for Seasonal Use, F379.2-09 and ICC Codes and HUD Standards. Complies with California legislation AB 1953 and Vermont legislation Act 193 that limits the lead content in plumbing fixtures that come into contact with drinking water to a maximum of 0.25%.

*6-YEAR LIMITED TANK AND PARTS WARRANTY

**For complete warranty information consult the written warranty of American Water Heaters found at www.americanwaterheater.com, or call (800) 456-9805.*



**SSX62-80H-045S and
SSX62-119H-045S**



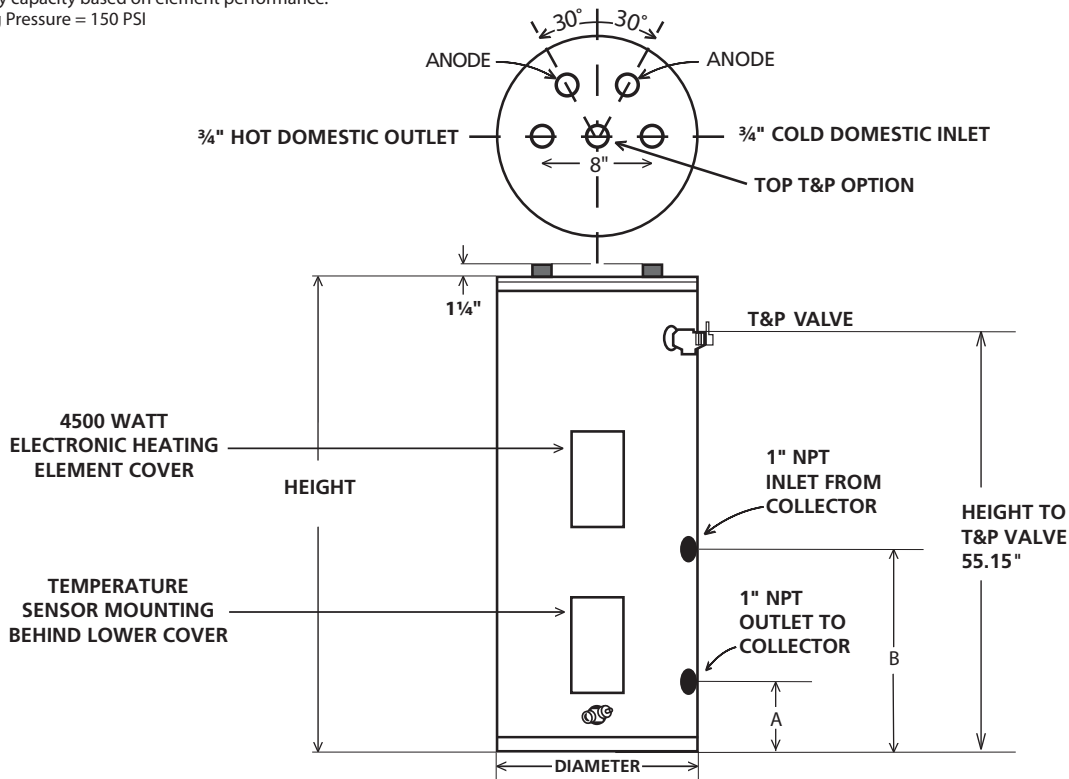
Eligible for a 30% Federal Tax Credit when installed as part of a complete American solar water heating system. For more information visit www.americanwaterheater.com.



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| MODEL NUMBER | GALLON CAPACITY | ELEMENT WATTAGE (240 VOLT) | RECOVERY 90° RISE GALLONS PER HOUR | NUMBER OF ELEMENTS | FOAM THICKNESS (INCHES) | DIMENSIONS IN INCHES | | | | APPROX. SHIPPING WEIGHT (LBS) |
|-----------------|-----------------|----------------------------|------------------------------------|--------------------|-------------------------|----------------------|----------|-------|--------|-------------------------------|
| | | | | | | HEIGHT | DIAMETER | A | B | |
| SSX62-80H-045S | 76 | 4500 | 21 | 1 | 2 | 63-1/4 | 24 | 5-3/8 | 30-1/8 | 257 |
| SSX62-119H-045S | 108 | 4500 | 21 | 1 | 2 | 63-1/4 | 28 | 5-3/8 | 26-1/2 | 365 |

All dimension in inches.
 Recovery capacity based on element performance.
 Working Pressure = 150 PSI



HEAT EXCHANGE COIL DATA

| MODEL NUMBER | TUBE I.D. (INCHES) | TOTAL SURFACE AREA (SQ. FT) | COIL CAPACITY (GALLONS) | TUBE LENGTH (FT) |
|-----------------|--------------------|-----------------------------|-------------------------|------------------|
| SSX62-80H-045S | 1.3 | 16 | 2.8 | 40.8 |
| SSX62-119H-045S | 1.55 | 18.8 | 4 | 41 |

Heat exchanger must only be used with a propylene glycol heat transfer fluid containing corrosion inhibitors such as Dowfrost™ HD
 Working Pressure = 150 PSI

| FLOW RATE (GPM) | PRESSURE DROP THROUGH COIL (FEET OF H ₂ O) | |
|-----------------|---|-----------------|
| | HEAD LOSS (FEET) | |
| | SSX62-80H-045S | SSX62-119H-045S |
| 2 | 0.1 | 0.05 |
| 4 | 0.3 | 0.15 |
| 6 | 0.5 | 0.25 |

Distributed By:

Order Entry and Sales

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 FAX (800) 581-7224

Warranty and Service

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