

ProMax®

SOLAR BOOSTER TANKS

SUN-80
and
SUN-120

A. O. Smith ProMax® 80 and 120-gallon electric water heaters are specially designed for installation as part of direct solar water heating systems. They provide an energy-efficient supplementary source of water heating power and hot water storage to help maintain consistent water temperature during periods when the direct solar components cannot keep up with system demands. Count on A. O. Smith for innovative products that provide hot water solutions for any residential or commercial need, including renewable-energy applications.

MULTIPLE CONNECTION OPTIONS FOR INSTALLATION FLEXIBILITY

- Recirculating connections for outgoing water (to system pump) and incoming water (from solar collector) can be made through the top or side of the unit
- Unit is shipped with side connections plugged

A. O. SMITH DYNACLEAN™ DIFFUSER DIP TUBE

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

LONG-LASTING LOW-WATT DENSITY COPPER HEATING ELEMENT

- Low-watt density design spreads wattage over larger surface area to prolong element life and help ensure optimum energy-efficiency

A. O. SMITH PERMAGLAS® GLASS TANK COATING

- Patented PermaGlas lining helps withstand steel tank corrosion and rust

COREGARD™ ANODE ROD PLUS SECONDARY ANODE

- Aluminum anode with stainless steel core protects tank against corrosion longer than ordinary mild steel anodes
- Secondary anode installed in hot water outlet for even more protection

2"-THICK FOAM INSULATION (R-16) FOR HIGH ENERGY-EFFICIENCY

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

FACTORY-INSTALLED TEMPERATURE AND PRESSURE (T&P) RELIEF VALVE

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information consult written warranty or contact A. O. Smith

CODES AND STANDARDS

- CEC, CABO, HUD, BOCA National Codes, ASHRAE/IES 90.1-1999 and 2004 NAECA
- Certified to UL 174 for household electric water heaters



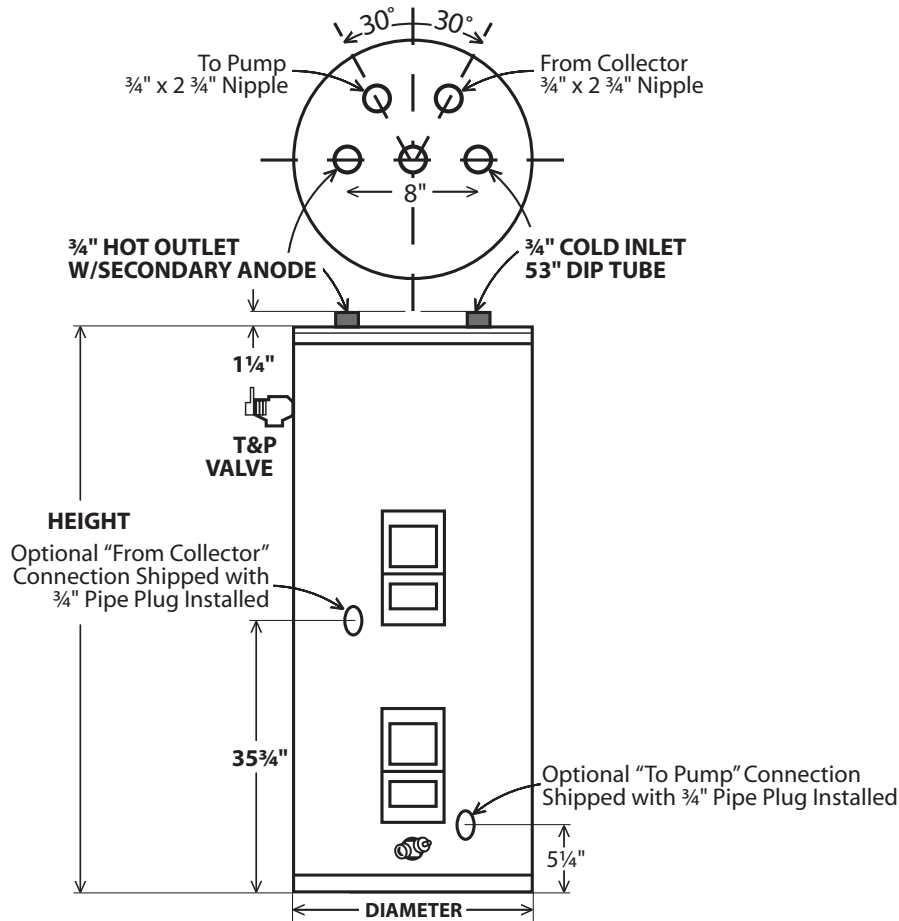
A.O. Smith
Water Heaters

ProMax®

SOLAR BOOSTER TANKS

MODEL NUMBER	GALLON CAPACITY	ELEMENT WATTAGE (240 VOLT)	RECOVERY 90°F RISE GALLONS PER HOUR	NUMBER OF ELEMENTS	R VALUE	DIMENSIONS IN INCHES		APPROX. SHIPPING WEIGHT (LBS)
						HEIGHT	DIAMETER	
SUN-80	80	4500	21	1	16	63-1/4	24	204
SUN-120	120	4500	21	1	16	63-1/4	28	311

Recovery capacity is based on actual performance tests.



A.O. Smith
Water Heaters

www.hotwater.com

500 Tennessee Waltz Parkway, Ashland City, TN 37015

For Technical Information and Automated Fax Service, call 800-527-1953.
A. O. Smith reserves the right to make product changes or improvements without prior notice.