

ProMax[®] SOLAR BOOSTER TANKS

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

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

PERMAGLAS[®] GLASS TANK COATING

- Patented PermaGlas lining helps maximize tank life corrosion and rust

COREGARD[™] ANODE ROD PLUS SECONDARY ANODE

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

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

DURABLE TAMPER-RESISTANT BRASS DRAIN VALVE

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

CODES AND STANDARDS

- Code Compliance: Meets or exceed Federal Energy Efficiency Standards effective January 20, 2004, according to the National Energy Conservation Act (NAECA) of 1972. Meets or exceeds the Thermal Efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1 and current editions of ICC Codes and HUD Standards.

6-YEAR LIMITED TANK AND PARTS WARRANTY

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



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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.

