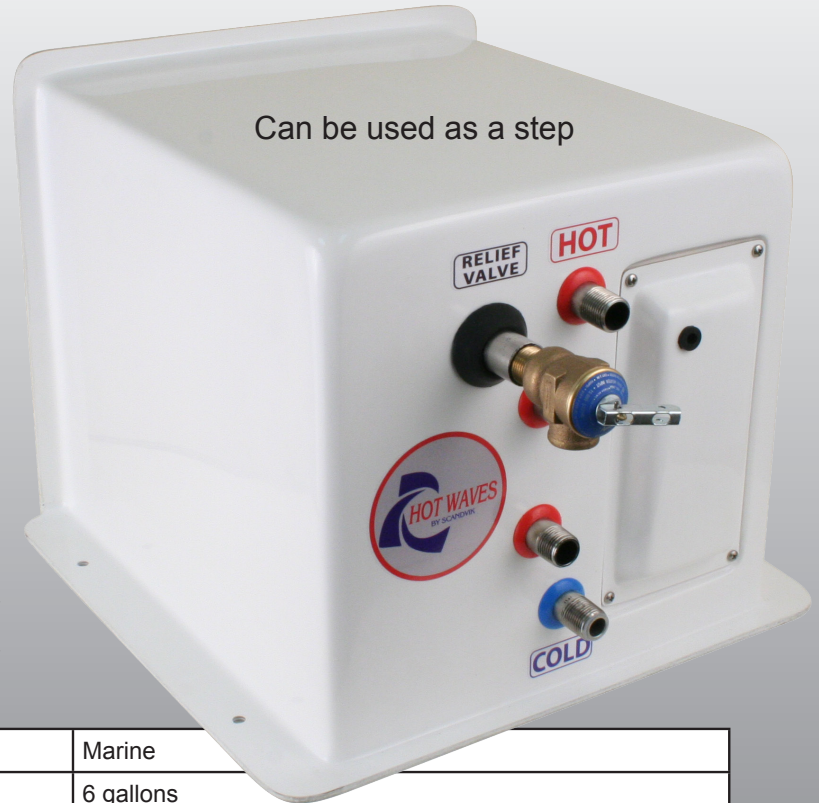


Marine Water Heater User Guide



#80000 W/O Heat Exchanger, 110V
#80001 With Heat Exchanger, 110V

Application	Marine
Capacity	6 gallons
Internal tank material carbon steel hot roll ASTM-A36	Caps and cylinder thickness 2.4mm
Internally Coated	This protection provides a bond with the metal substrates and excellent corrosion protection. Powder coating Dupont, Alestal ELW505S9, in accordance with FDA standards
External cover fiberglass / gelcoat color white	Resistant to corrosion and marine environment / can be used as step
Polyurethane foam insulation	To reduce heat loss
Inner surface preparation Sand-blasting with metal Particles Type SSPC-10	Clean the inner surface of carbon, oil and corrosion and prepares for implementation of epoxy
Sacrificial magnesium anode	Provides corrosion protection that extends the life of the tank
Inlet / outlet water connections	1/2" NPT-male
Pressure / temperature safety valve coupling	1/2" NPT-female
Pressure / temperature safety valve	210° F and/or 150 psi. Located on the front of the tank the T&P valve is included
Maximum Operating Pressure	125 psi
Recovery time (ΔT: 45°F)	25 minutes to raise water temperature 45° F
Threaded heating element	110 VAC, 1500 W (available in various wattages and volt-ages)
Ignition protected fixed limit thermostat	Temperature adjustment (Low, Medium, High)
Standard engine heat exchanger formed stainless steel	Continuous 316 SS tubing, no internal joints
UL & CSA Approvals	T&P Valve, Thermostat and Heating Element
Warranty	2-year full warranty, 5-year warranty on tank

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T&P Safety Valve connection
1/2" NPT-Female
(T&P Safety Valve included)

Can be used as a step

Water Outlet connection
1/2" NPT-Male

RELIEF
VALVE

HOT

Thermostat

110 VAC
Connections

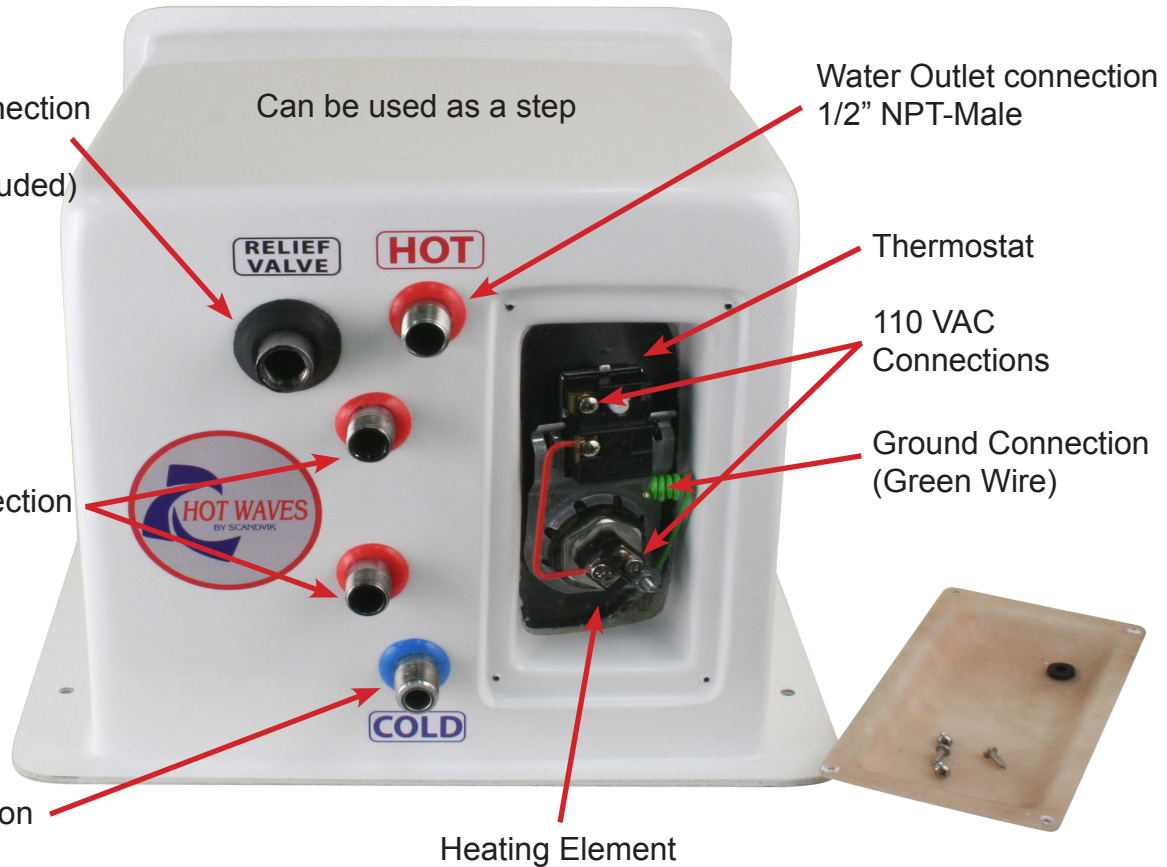
Heat Exchanger connection
1/2" NPT-Male
(Model #80001 only)

HOT WAVES
BY SCANDVIK

Ground Connection
(Green Wire)

Water Inlet connection
1/2" NPT-Male

Heating Element



Dimensions: 15-5/8" Wide x 12-3/4" High x 15-5/8" Deep
(19-7/8" Deep with T&P Safety Valve installed)
Empty Weight: 28 lbs.

12 Amps at 110 VAC



Warning: Fill tank with water before turning on water heater to avoid damage to the heating element.

Recommended Service: Inspect/Replace Anode every 3 - 4 years.

Replacement Parts

#80010: Heating Element (110 VAC, 1500 W)

#80011: Thermostat

#80012: Anode (Magnesium) on back of tank

MADE IN COSTA RICA



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