

HOT WATER TROUBLESHOOTING INDEX

Hot Water Problems

1. Hot Water is not Hot 85°C +/- 15°C (185°F +/- 5°F)

Also includes related instructions for Resetting the Hot Tank Overload or High Limit Safety

Hot Water is not Hot 85 +/- 15°C (185° +/- 5° F)


NOTE: The *ECOSTREAM Water Treatment System* does NOT have Sleep or Power Saving Mode and the hot water should be a of 85 +/- 15°C (185° +/- 5° F) under normal operating conditions.

The Hot temperature set point is 85°C +/- 15°C (185°F +/- 5° F) and is controlled by a thermostat on the side of the tank.

There is a resettable overload or high limit safety above the thermostat on the side of the tank that will trip to prevent damage to the unit if the tank is dry heated (turned on without water in it).

The *ECOSTREAM Water Treatment* does NOT have Extra Hot capability and the maximum hot temperature is 87°C (189°F).

It typically takes 10 minutes for the 500W to heat the 1.6 Liter of room temperature (ambient) water to the 85°C (185°F) set point.

Possible Reason	Solution
No power to heater elements	Check that the Red Heater and Compressor switch is on. Turn Red Heater and Compressor Switch on. <i>I = ON</i> 
Hot Tank Overload Tripped <i>Overload is a safety feature to ensure the tank does not overheat.</i>	Overload will “click” when pushed. The overload is automatically reset when pressed. <u>See Resetting the Hot Tank Overload or High Limit Safety Instructions that are included further below in this Troubleshooting Section</u>
Thermostat or overload “open” on Hot Tank	Turn Power off. Check OHM’s resistance across terminals on each Thermostat and Overload separately.

	<p>Good components will indicate a closed circuit or zero OHM's on the meter.</p> <p>Replace components as necessary.</p>
<p>Heating Coil Not Working</p>	<p>Turn Power off; Drain hot tank; Use multi-meter to check heater element for approximately 26 OHM's resistance.</p> <p>Hot Tank must be empty if you are checking for continuity.</p> <p>Replace Hot Tank as necessary.</p>
<p>Loose or improperly connected wire(s) to the Heating Element / Hot Tank.</p>	<p>Visually inspect wire leads going to the hot tank; confirm proper connections to the heating elements.</p> <p>Hot tank life is 3-5 years, depending on usage.</p> <p><i>*Typically, dealers swap out the Hot Tank at site, take back to the shop to repair.</i></p>