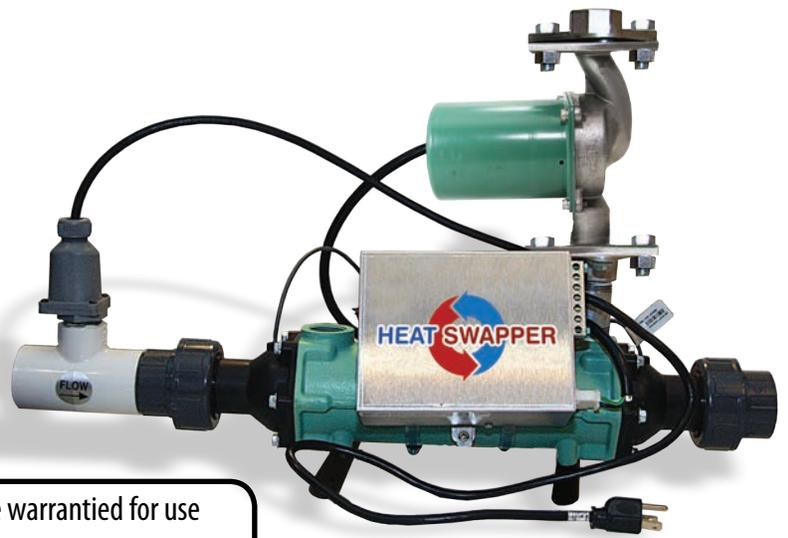




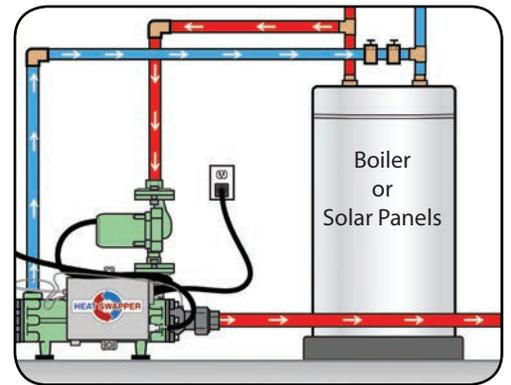
OWNERS MANUAL



Only titanium versions of the **HEAT SWAPPER™** are warrantied for use on salt water chlorine generator systems. Systems with corona discharge ozone systems improperly installed will void the warranty. See our website warranty page for details.

The **HEAT SWAPPER's** heating performance depends on its heat source.

- ▶ If the heat source is 140°F, the output of the smallest **HEAT SWAPPER™** will be about 75,000 BTU.
- ▶ If the heat source is 190°F, the output of the smallest **HEAT SWAPPER™** will be about 135,000 BTU.
- ▶ If the larger size Heat Swapper is used, the BTU output will almost double.



<< TOUCHPAD CONTROL

Start-up

When first powered up, your control system will initially be set at 100°F (38°C) until you change the set temperature. If power is interrupted to the control, the set-point will reset to 85°F.

Temperature Adjustment (80°F - 104°F)

The current water temperature is constantly displayed on the LED screen. Press either  (Warm) or  (Cool) pad once to display the set temperature. Each time either pad is pressed again, the set temperature will increase or decrease depending upon which pad is pressed. After 3 seconds, the LED screen will automatically display the current water temperature. The  (Cool) pad also resets the control in the rare instance of an overheat condition.

Freeze Protection

If the high limit sensor detects 40°F (4°C) at the heater, then the pump will automatically activate to provide freeze protection. The equipment will stay on until the sensor detects 45°F (7°C) at the heater. Freeze protection is enabled regardless of control status. In colder climates, an **OPTIONAL** additional freeze sensor may be added to protect against freeze conditions.

Diagnostic Messages:

OH "Overheat" (System is deactivated) Do not enter the water! The control has shut down. Turn off all power to the control and call your dealer or service company. To reset the control, press the  (Cool) panel button.

Sn "Sensor" (System is deactivated) The high-limit sensor or water temperature sensor is not working. Call your dealer or service company.

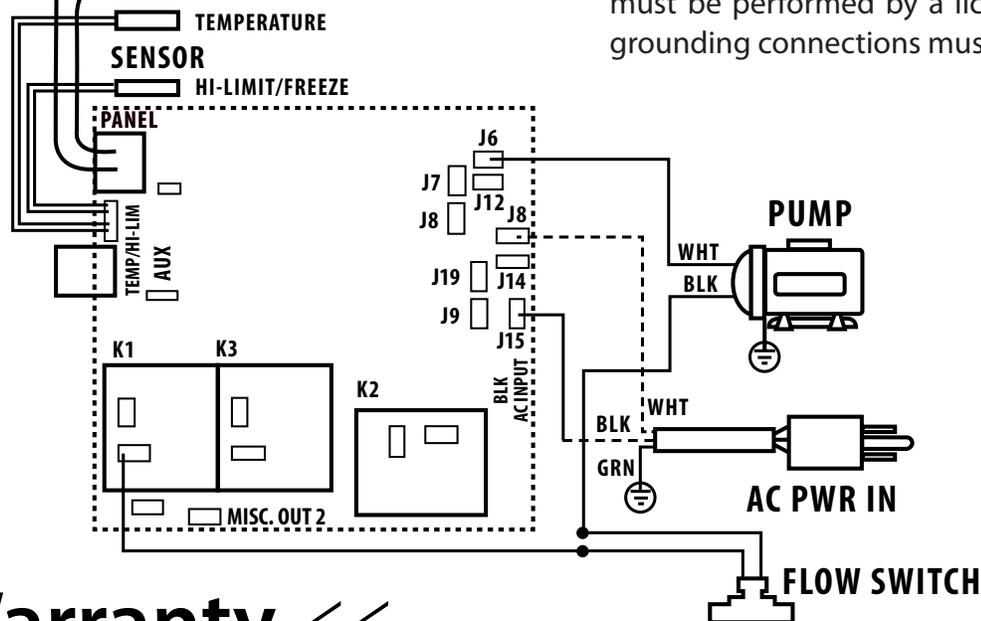
Electrical <<



**Warning! Shock Hazard!
No User Serviceable Parts!**

Do not attempt to service the control.

Contact your dealer or service company. All wiring must be performed by a licensed electrician and all grounding connections must be properly installed.



Warranty <<

Heat Swapper™

The heat exchanger is covered by a specific warranty from S.E.C. Heat Exchangers. For information on the heat exchanger warranty please call go to our website at www.Heat Swapper.com.

All other components are warranted for a period of one year by Quality Pool Manufacturing Co. Warranty extends to providing replacement of the defective component and shall not obligate the company to provide any labor or other cost of replacement. This limited warranty specifically excludes any liability for incidental or consequential damages resulting from the use of the product, or caused by any defect, failure, or malfunction of the product.

Typical Problems - Causes & Cures

1 Low pH

The pH must be maintained between 7.4 and 8.0. This is extremely important. Failure to meet these conditions will result in tank corrosion.

2 Oxidizer Damage

Chemical feeders must be installed downstream of the HEAT SWAPPER™ so that concentrated chemicals cannot flow back into the heat exchanger when the filter and pump are not operating. Install the chemical feeder lower than the HEAT SWAPPER™ with a corrosion-resistant check valve between the HEAT SWAPPER™ and the chemical feeder.

3 Electrolysis

Use dielectric unions to avoid corrosion damage from electrolysis. Electrolysis can be caused by metals other than stainless steel being attached to the heat exchanger. Use dielectric unions to isolate dissimilar metals from the heat exchanger.

4 Stray Electrical Currents

Stray electrical currents can come from many sources, a salt chlorine generator would be one example. To protect against stray electrical currents, use dielectric unions.



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