OPT-520272
TEMPERATURE SENSOR
WATER/AIR/SOLAR
10K Ω Temperature Sensor

FOR YOUR SAFETY: This product must be installed and serviced by a professional service technician, qualified in pool/spa installation. The procedures in this manual must be followed exactly. Improper installation and/or operation can create dangerous electrical hazards, possibly causing death, serious injury or property damage. Improper installation and/or operation will void the warranty.

IMPORTANT NOTE: DO NOT overtighten pipe clamp.

APPLICATION:

Temperature sensor used with the IntelliTouch®, EasyTouch® and SunTouch™ Systems. This sensor may be used as a **Water**, **Air**, or **Solar** sensor.

REPLACEMENT KIT (for P/N 520272) INCLUDES:

QTY.	DESCRIPTION
1	Temperature Sensor, 10K, 15ft. w/ o-ring
1	Pipe Clamp (stainless steel)

INSTALLATION:

IMPORTANT: *Turn off all power at the circuit breakers. If the equipment is <u>below</u> the elevation of the pool, turn off any valves to prevent pool water from draining.*

Water Temperature Sensor Replacement

1. Find the old water sensor located in the plumbing between the filter pump and the filter. Remove old sensor and position the hose clamp over the new sensor, and gently tighten around pipe.
   Caution: Do not overtighten clamp.
2. Feed the cable up through the low voltage compartment of the Load/Power Center to the Control Panel. Connect Sensor wires to WATER screw terminals.

Solar Temperature Sensor

1. For unglazed panels, fasten Sensor next to solar panels. For glazed panels, suspend Sensor between collector and glazing.
2. Feed the cable up through the low voltage compartment of the Load/Power Center to the Control Panel. Connect Sensor wires to SOLAR screw terminals.

Ambient Air Temperature (Freeze Protection) Sensor

1. Mount sensor in open air, in shaded area, away from air conditioners. Feed the cable up through the low voltage compartment of the Load/Power Center to the Control Panel, fastening to plumbing with cable ties. Connect Sensor wires to AIR screw terminals.

IMPORTANT: Determine the length the sensor wire needs to be. Cut the end of the wire off, DO NOT splice this wire.