



10K TEMPERATURE SENSOR
(Formerly TS5T)

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 (P/N 520272) INCLUDES:

QTY. DESCRIPTION

- 1 Temperature Sensor, 10K, 20 ft.**
- 1 O-Ring**

Pentair Water Pool and Spa, Inc.
1620 Hawkins Ave., Sanford, NC 27330 · (919) 566-8000
10951 W. Los Angeles Ave., Moorpark, CA 93021 · (805) 553-5000



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INSTALLATION:

Water Temperature Sensor Replacement

1. Find the old Water Sensor located 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. Strip wires 1/4 in. and 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. Strip wires 1/4 in. and connect Sensor wires to the 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. Strip wires 1/4 in. and connect Sensor wires to AIR screw terminals.

SAVE THESE INSTRUCTIONS.

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INSTALLATION:

Water Temperature Sensor Replacement

- 1.. Find the old Water Sensor located 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. Strip wires 1/4 in. and 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. Strip wires 1/4 in. and connect Sensor wires to the 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. Strip wires 1/4 in. and connect Sensor wires to AIR screw terminals.

SAVE THESE INSTRUCTIONS.

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