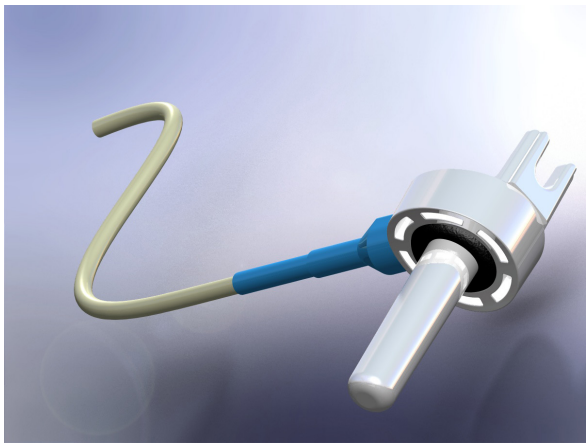
TEMPERATURE SENSOR KIT

FOR INTELLICENTER™, EASYTOUCH®, INTELLITOUCH®, AND SUNTOUCH® CONTROL SYSTEMS



INSTALLATION GUIDE

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

Technical Support

Hours: 9:00AM to 7:00PM EST (6:00AM - 4:00PM PST)

Call: (800) 831-7133

Visit: www.pentair.com

Fax: (800) 284-4151

Kit Contents

The following items are included in the water/air temperature sensor replacement kit:

Temperature Sensor Assembly - P/N 520872

- Temperature Sensor, 10k Temperature Sensor - P/N 520326
- Temperature Sensor, 10k Ohms, 40 ft - P/N 521583
- Temperature Sensor, 10k Ohms, 20 ft - P/N 521584
- Hose Clamp (1-7/8” - 5” Clamp) - P/N 476168
- Installation Instructions (this manual)

Related manuals

IntelliCenter™ Control System User’s Guide (P/N 522990)
IntelliTouch® Control System User’s Guide (P/N 521075)
EasyTouch® Control System User’s Guide (P/N 521044)
SunTouch® Control System User’s Guide (P/N 520785)

Water/Air Temperature Sensor

The sensor can be used as a water or air sensor. The 10k Ohms Temperature Sensor can be is used with IntelliCenter, IntelliTouch, EasyTouch, SunTouch and Compool to EasyTouch Upgrade Control Systems.

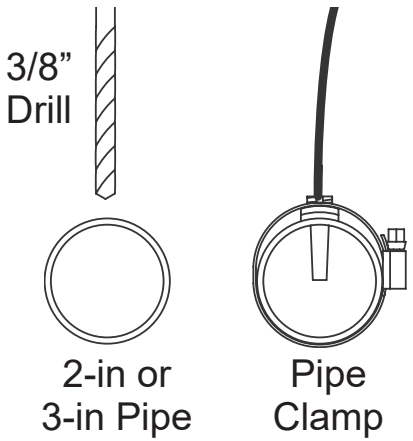
Sensor Installation

IMPORTANT NOTE: If replacing an existing water temperature sensor, be sure to drill out a 3/8" inch hole into the 3-in or 2-in pipe for the new sensor. The old sensor is likely 5/16-inch, and the new sensor will not fit.

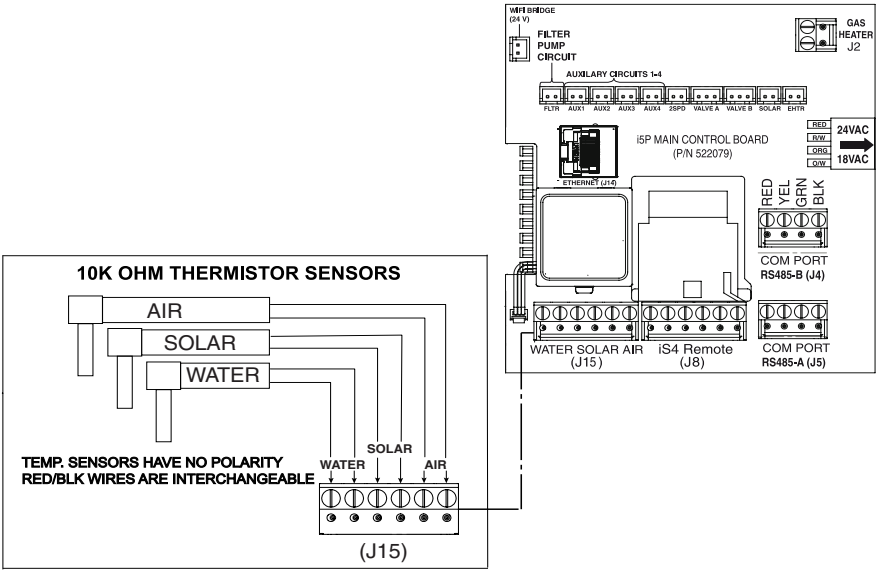
1. The existing water sensor will be located between the filter pump and the primary filter. Remove the sensor.
2. Drill a 3/8-inch hole in the 3-inch or 2-inch pipe.
3. Position the hose clamp over the replacement sensor and gently tighten around pipe. **Do not overtighten clamp.**
4. Route the cable through the low voltage compartment of the Load Center or Power Center to the Outdoor Control Panel circuit board.
5. Strip wires 1/4-inch.
6. Connect the sensor wires to **WATER** screw terminals. See page 4 and 5 for screw terminal location.

Ambient Air Temperature (Freeze Protection) Sensor Replacement

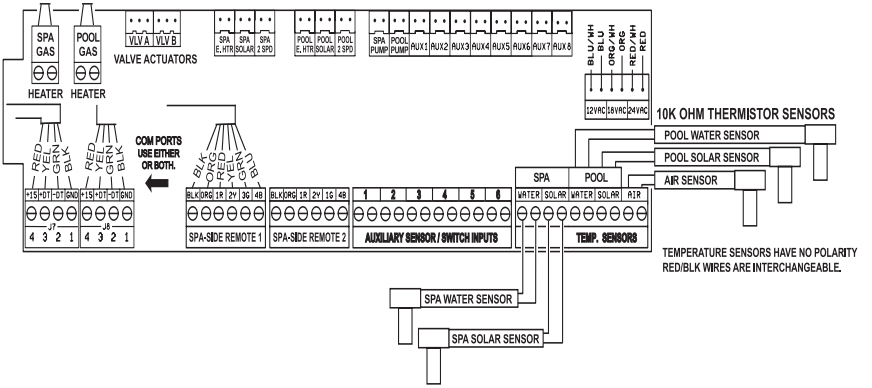
1. Mount sensor in open air, in shaded area, away from air conditioners.
2. Route the cable through the low voltage compartment of the Load Center or Power Center to the Outdoor Control Panel circuit board.
3. Use cable ties to fasten sensor cable to pipes.
4. Strip wires back 1/4-inch.
5. Connect the sensor wires to **AIR** screw terminals. See page 4 and 5 for screw terminal location.



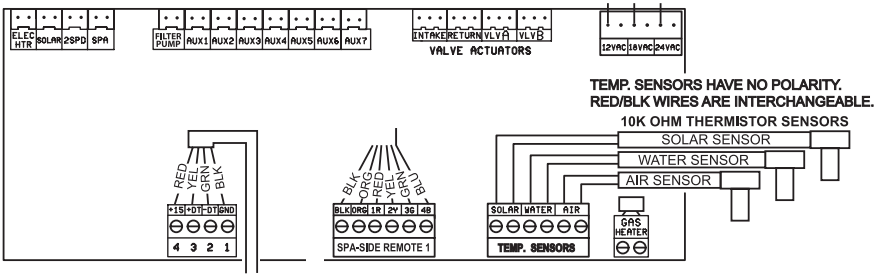
IntelliCenter Control System Circuit Board



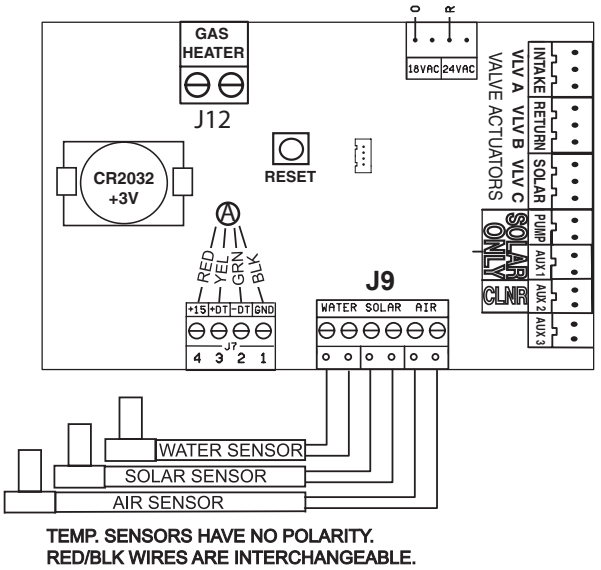
IntelliTouch Control System Circuit Board



EasyTouch Control System Circuit Board

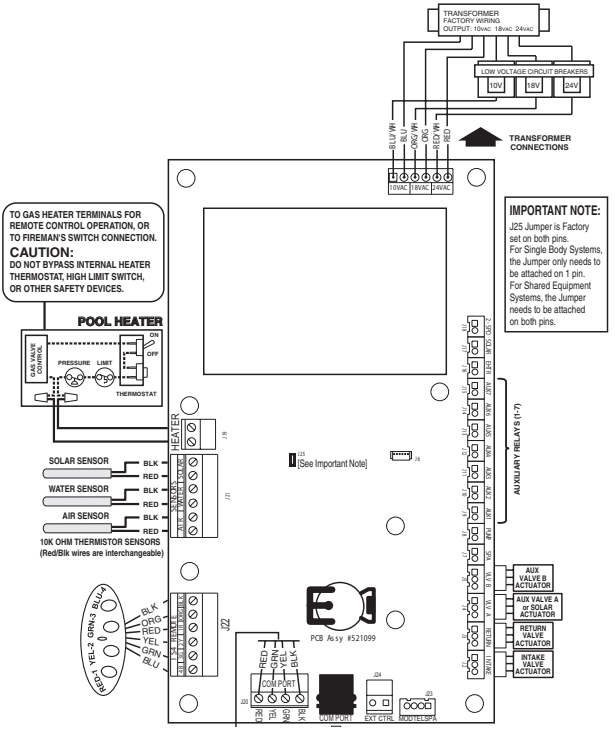


SunTouch Control System Circuit Board



TEMP. SENSORS HAVE NO POLARITY.
RED/BLK WIRES ARE INTERCHANGEABLE.

Compool EasyTouch Upgrade Control System Circuit Board



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