PA122 - WATER TEMPERATURE SENSOR KIT

ATTENTION:
If the Intermatic panel in which you are installing this Water Temperature Sensor Kit is not equipped with a low voltage compartment raceway, then you will need to order and install the Intermatic Class 2 Wiring Isolation Kit. The part number to order this is 156PA12976A. NEC, UL & CSA require a double barrier of insulation between high and low voltage wiring when both are present in the same compartment. The Class 2 Wiring Isolation Kit satisfies that requirement. If you have the newest Intermatic Control panel with the low voltage raceway, then it is not necessary for you to install the Class 2 Wiring Isolation Kit. Please follow the below instructions carefully and, as with all accessory kits, remember to remove power before you begin installation.

The I-Wave Control System comes equipped with a Water Temperature Sensor. This sensor is needed to monitor and maintain both the pool and spa water temperature depending on the position of the diverter valves. It needs to be installed in order for the thermostat control to work. Power needs to be disconnected when connecting the temp sensor. Only an Intermatic Sensor will work with this controller. Follow the directions below to install and mount your water temperature sensor.

1. Drill a 3/8” hole in the pipe between the filter pump and filter and install the Water Temperature Sensor with hose clamp (not provided). Ensure the O-ring is in place.

2. Run the wire to the Control Center, through the low voltage raceway. Connect both wires to the Panel-Mounted Receiver. (See Figure 1-1.)

Setting Pool and Spa Temperatures
If connected and linked, the Hand-Held Remote controls the independent water temperatures of both the pool and spa.

1. View the current temperature on the right side of the Hand-Held Remote Screen under the word SET.
   - \( P \) = current pool water set temperature
   - \( S \) = current spa water set temperature

2. Press and release the \(<P/S>\) button if necessary to change the system between Pool and Spa mode. Depending on which mode is selected, the word POOL (lower left) or SPA (lower right) appears on the screen

3. Press the \(<UP>\) or \(<DOWN>\) arrow buttons to raise or lower the setting to the desired temperature. You can hold the button down and the value will automatically change.

4. Release the arrow button when the setting reaches the temperature you want. After a few seconds, the display returns to the current temperature of the pool or spa, depending on which mode you select.

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