



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.)

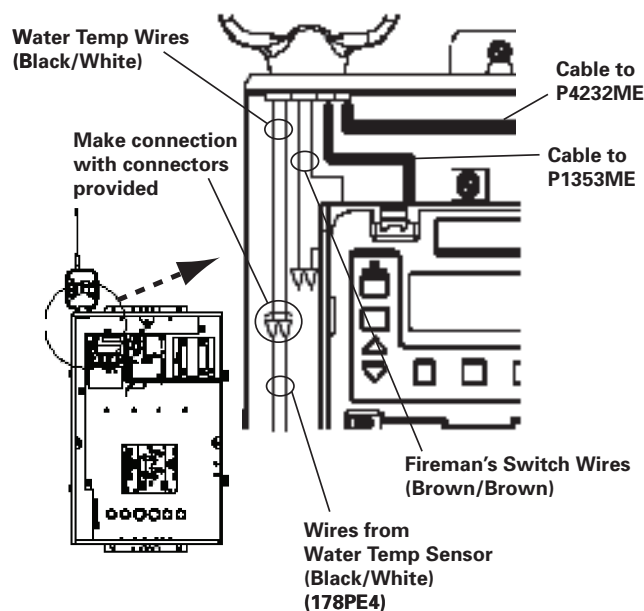
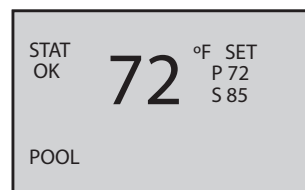


Figure 1-1

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.



LIMITED 1 YEAR WARRANTY

If within one (1) year from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

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This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com> Please be sure to wrap the product securely to avoid shipping damage.

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