

# PRESTIGE TriMax Indirect Water Heater Sensor



## **! WARNING**

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

## **NOTICE**

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

## **! WARNING**

For your safety, turn off electrical power supply at service panel and allow unit to cool before proceeding to avoid possible electrical shock and scald hazard. Failure to do so can cause severe personal injury or death.

## **! WARNING**

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

## **NOTICE**

The following instructions supplement the PRESTIGE Trimax Installation and Maintenance Manual. Reference the PRESTIGE Trimax Installation and Maintenance Manual SECTION IX Trimax Operation for information.

### Installing the Sensor in Triangle Tube Smart IDWH

1. Remove the Thermostat Cover Plate from the SMART top cap. A flat blade screwdriver may be required to pry the cover plate up from the top cap. Use care not to damage the cover plate or the SMART top cap. See Figure 1.

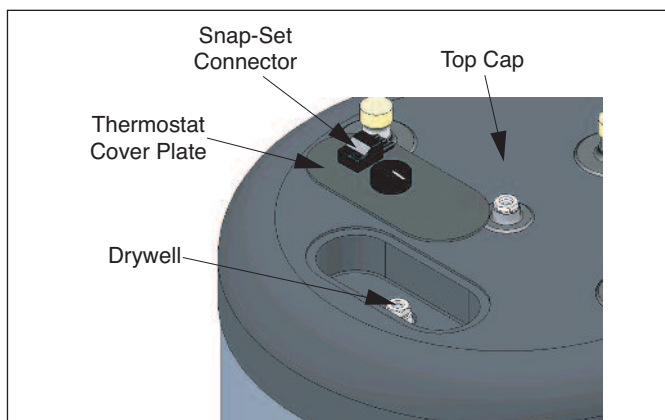
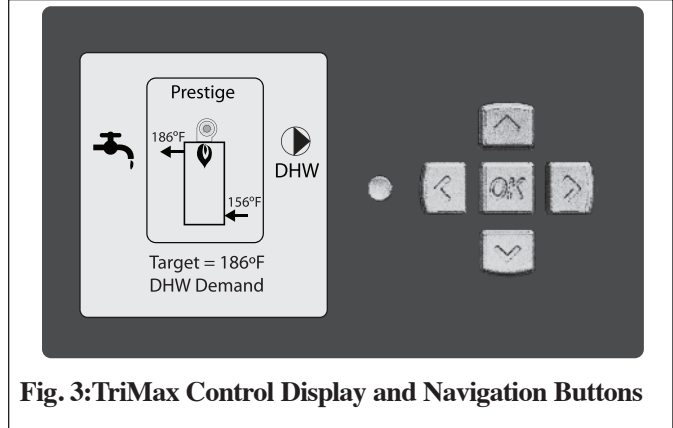
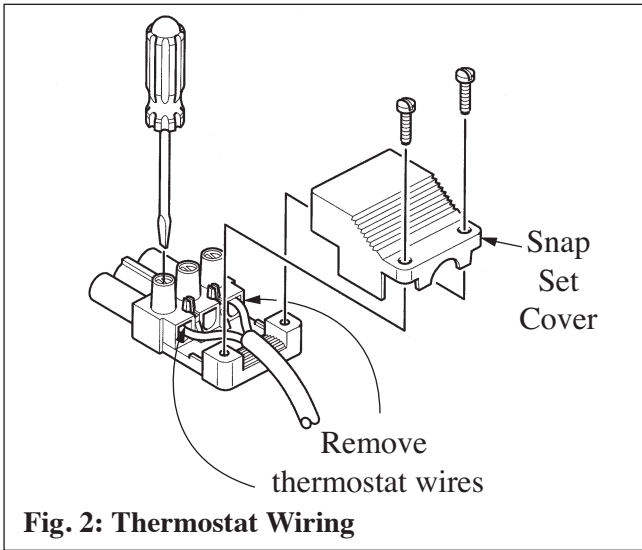


Fig. 1: Smart Thermostat Cover Plate Access

2. Remove the snap set cover and disconnect the two thermostat wires. See Figure 2. Coil the unused wires around the thermostat.
3. Remove the thermostat sensing bulb from the SMART Drywell. Once the bulb is removed, coil the thermostat capillary tube and bulb against the bottom of the cover plate using care not to kink or damage the capillary tubing.
4. Route the sensor wires through the cover plate and connect the sensor wires to the outer terminals of the snap set.
5. Insert the sensor into the drywell. It is recommended that the sensor be placed within 6 inches of the bottom of the drywell.

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3. Insure the EZ Setup icon is highlighted and press **OK** to enter the EZ Setup menu.

**NOTICE**

Actual placement of the sensor will affect the response time of the sensor and the DHW Call to the Prestige during a draw of domestic hot water. A high placement position will result in a slower response, where as a lower placement position will create a quicker response.

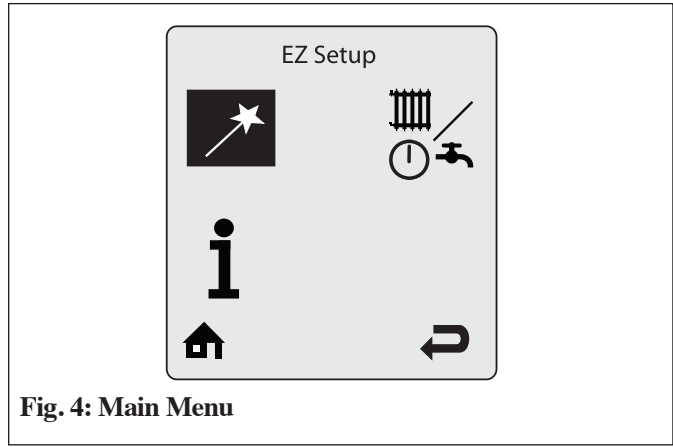
6. Install the Thermostat Cover Plate back into position on the SMART top cap. Ensure the mounting rivets of the cover plate are fully inserted into the top cap.
7. Install field wiring between SMART snap set connector and DHW low voltage terminals 7 and 8 of the Prestige boiler equipped with Trimax control.

**NOTICE**

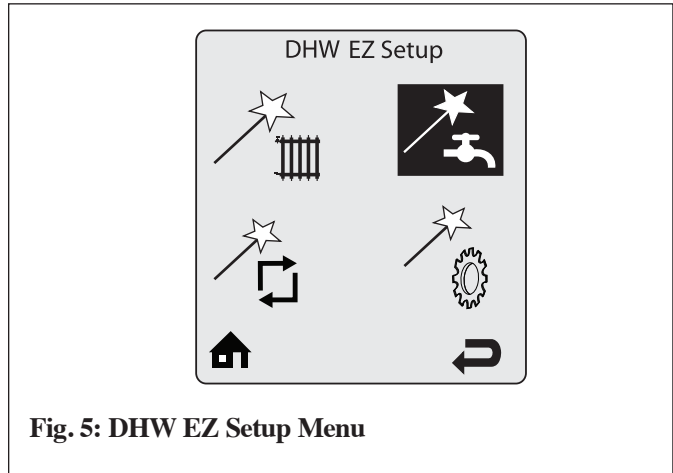
The Prestige Trimax control must now be programmed to properly recognize the Indirect Water Heater sensor.

**Programming Trimax Control**

1. Turn on the power to the Prestige boiler.
2. Press the **OK** button to enter the Main Menu. See Figures 3 and 4.



4. Press the **RIGHT** arrow button to highlight the DHW EZ Setup icon and press **OK** to enter DHW EZ Setup. See Figure 5.



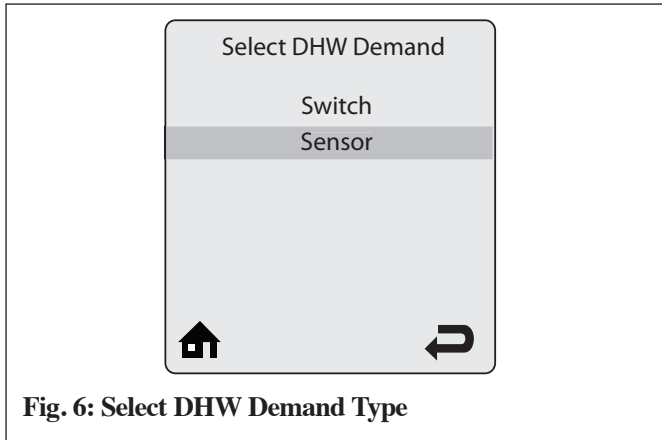
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# PRESTIGE TriMax

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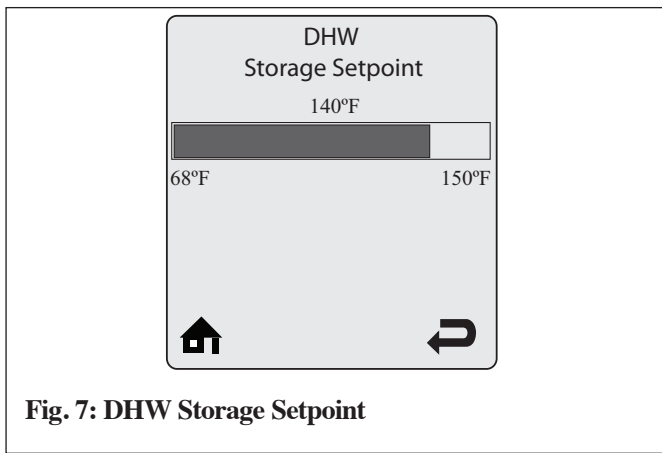
5. Press the **UP** or **DOWN** buttons to highlight Sensor then press the **OK** button to store the setting. See Figure 6.



6. DHW Storage Setpoint prompts the installer to enter the domestic hot water storage setpoint temperature when the Sensor option is chosen in Select DHW Demand. Press the **LEFT** or **RIGHT** buttons to adjust the DHW Storage Setpoint then press the **OK** button to store the setting. See Figure 7.

**NOTICE**

**The boiler DHW setpoint will automatically be set 46°F [25°C] higher than the DHW Storage Setpoint setting.**



7. Once completed, navigate to the HOME icon (lower left corner of the screen) and press the **OK** button to resume normal operation.