White Rodgers Gas Control Reset Procedure

1. **IMPORTANT!** Inspect the installation/location for the presence of materials that could produce flammable vapors (ex: gasoline, cleaning compounds, paints/solvents) or the presence of bleach or ammonia. Remove any of these materials and thoroughly ventilate the area where water heater is located.

2. Interpret flash code. The White Rodgers control is able to tell the difference between a disconnected sensor and a Flammable Vapor incident.

3. Turn off blower power switch on water heater and unplug power cord.

4. Disconnect flammable vapor sensor wire connector from control valve and measure electrical resistance between connector test points #2 and #3 (black wires).

   a. Sensor resistance should be above 9k ohms and below 45k ohms. If the sensor is within this range, proceed to Step 5.
   
   b. If the sensor resistance is less than 9k ohms or greater than 45k ohms, replace the sensor assembly.

5. Re-install the sensor wire Molex connector to the control valve and follow the reset instructions below.

**The following steps may only be performed after completing the above procedure.**

1. Reconnect power to the water heater and turn the unit on. The FV error code will re-appear. Within 5 seconds…

2. Press and hold left and right arrow keys on the control valve, at the same time, until the green light begins to blink.

3. Release buttons and immediately……

4. Press left and right temp adjustment keys in the following sequence:

   Left
   Right
   Left, Left

   Right
   Left
   Right, Right

5. If the error code is reset, all the lights will come on. The valve is now reset. You must complete all steps within 30 seconds.

NOTICE: Do not attempt to disconnect, jumper, obstruct or block the Flammable Vapor Sensor. If will cause an error code.

Technical Competence, Product Confidence