

General Immersion Control Replacement Instructions

This instruction sheet covers general guidelines for installing a replacement electrical component (relay, terminal strip, ignition control, etc.). Sizing and application information is not provided herein. For more information on the specific control, including sizing or specifications, contact the original manufacturer.

FOR YOUR SAFETY: This product must be installed and serviced by a professional service technician qualified in appliance installation and maintenance. Improper installation and/or operation could create carbon monoxide gas in flue gasses that could cause serious injury, property damage, or death. Improper installation and/or operation will void the warranty.

WARNING

If the information in these instructions and the product's original Installation and Operation Manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

General Installation Instructions

1. Read these instructions and the product's original Installation and Operation Manual carefully.
2. If the original Installation and Operation Manual is not available on the job site, it can be obtained online at the manufacturer's website.
3. Turn off all power to the appliance, including power to pumps that circulate water through the boiler.
4. Turn off the main gas supply at the manual gas cock outside the heater jacket or at the meter.
5. Close all isolation valves to isolate the boiler from the rest of the hydronic or hot water circulation system.
6. Relieve pressure within the boiler by actuating the TPR valve or other relief valve.

Caution

Scald hazard! Water in the boiler may be very hot. Exercise extreme caution and be certain that all pressure is bled off before removing any control installed directly into the water path.

7. Verify that the replacement control is an exact, or factory authorized replacement intended for use in the appliance. Contact the factory for clarification if necessary.
8. Disconnect all wires from the existing control.

Caution

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

Verify proper operation after servicing.

9. Remove the existing control and install the new control. Thread sealant or teflon tape is usually required. Connect the wiring to the new control.
10. Open all isolation valves, turn the gas back on, and restore power to the appliance.
11. Re-light or restore operation following the Installation and Operation Manual's procedure, or the Operating Instructions label located on the boiler.