



Installation Instructions - Supplemental

Electronic Low Water Cut-Off

Installation of the Electronic Low Water Cut-Off must be performed by a qualified service installer or service agency. These instructions are to supplement the Installation and Maintenance Manual provided with your Primera water heater or boiler.

Before you begin, read and follow these instructions, as well as the information contained in the Primera Installation and Maintenance Manual. To obtain an additional copy of the Primera Installation and Maintenance Manual, or for any questions, call Riverside Hydronics, LLC at 1-800-990-5918.

WARNING: If the information in the supplied instructions and manual(s) is not followed exactly, a fire, explosion or exposure to hazardous materials may result, causing property damage, personal injury or loss of life.

107353 KIT, ELECTRONIC LOW WATER CUT-OFF ELWCO PRIMERA

| Part No. | Item Description | Qty. |
|----------|--|-------|
| 107422 | SHEET, INSTALLATION SUPPLEMENTAL ELWCO PRIMERA | 1 ea. |
| 78084 | LWCO, MCDONNELL-MILLER #153896 PS-851-M-120 | 1 ea. |
| 61538 | RELAY, SPST 30A 120V OMRON #G7L-1A-BUB-J-CB-AC120 N.O. | 1 ea. |
| 107377 | DIAGRAM, WIRING ELWCO PRIMERA #A09929-1 | 1 ea. |

INSTALLATION INSTRUCTIONS

1. Locate probe (3/4" NPT) in hot outlet supply piping using a tee fitting.
2. Make sure that ends and sides of the probe are at least 1/4" (6.4mm) from all internal metal surfaces. Note: Be sure to align the probe so that the mounting screws are in a horizontal position.
3. Follow the control box installation instructions packaged with the low water cut-off.
4. Mount the SPST relay(s) to a suitable clear area on control cabinet.
Caution: Do not puncture or contact existing components or wiring in control panel.

CONTROL WIRING

(Reference attached drawing number A09929-1)

1. Turn off all power to the unit.
2. Electrical Conduit Connection:
 - Connect electric conduit using knockouts provided.
 - Follow accepted electrical practices when installing fittings and making connections.
 - A convenient power disconnect is recommended for safe service.
3. Connect Hot wire (L1) of 120 volt circuit to terminal (H).
4. Connect Neutral wire (L2) of 120 volt circuit to terminal (N).
5. Connect a wire from one side of a 120V SPST relay coil to terminal (B).
6. Connect a wire from the other side of the relay coil to terminal (N).
7. Connect the relay contact to Terminals C1-C2 on the unit's terminal strip for remote connections located behind the control panel and accessed by removing the top pan.