

Wiring Cross Reference

TO CONVERT HONEYWELL R4150G1046
TO E110, ED510, EP260 (See Note 4), and 60-1386-2
Refer to Amplifier and Scanner Reference Guide

| Honeywell | Function | Fireye | |
|---------------------------|---|---------|------------|
| L1 | Hot – 120 VAC | L1 | |
| L2 | Ground – Neutral | L2 | |
| F | Scanner | S1 | |
| G | Scanner | S2 | |
| L1 – 16 | Operating Control | L1 – 13 | See Note 1 |
| 16 - 4 | Pre-Ignition Interlocks (Fuel Valve Interlock) | 13 – 3 | See Note 1 |
| 16 – 3 | Running Interlocks (Air Flow Switch) | 3 – P | See Note 1 |
| 5 | 9 Sec – Interrupted Pilot | 5 | See Note 2 |
| 6 | Intermittent Pilot | 6 | See Note 3 |
| 7 | Main Fuel Valve | 7 | |
| 8 | Blower Motor | M | |
| 8 – 13 | Low Fire Start Switch | M – D | |
| 9 | Alarm | A | |
| Modulation Circuit | | | |
| 10 | High Fire | X | |
| 11 | Common | 10 | |
| 12 | Auto | 11 | |

- Note 1 Terminal 16 on the Honeywell wiring base is used as a tie point only. Identify and isolate the appropriate wires to the operating control, fuel valve end switch, and running interlocks.
- Note 2 The R4150G1046 has a 9 second PTFI and MTFI on terminal 5. The EP260 has a 10 second PTFI and MTFI on terminal 5.
- Note 3 If the intermittent pilot is required, use an external relay whose coil is powered from terminal 7 and wire its normally open relay contacts between terminal 7 and terminal 6.
- Note 4 Set purge time via dipswitches to 60 seconds on EP260

Refer to Bulletin E-1101 for proper installation, grounding, operational and safety checkout procedures. Perform safety checks of the entire system prior to allowing fuel entry into boiler. Complete safety checks, flame signal levels, minimum pilot tests with fuel on.