

Wiring Cross Reference

TO CONVERT HONEYWELL **R4140G1064**
 TO **E110, ED510, EP270, 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	
16 - 4	Pre-Ignition Interlocks (Fuel Valve Interlock)	13 – 3	
16 – 3	Running Interlocks (Air Flow Switch)	3 – P	
18	5 second Ignition	5	
5	10 Sec – Interrupted Pilot	6	
6	Intermittent Pilot	6	See Note 1
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	
14	Low Fire	12	

Note 1 If terminal 6 is used as an intermittent pilot, install relay whose 120 VAC coil is powered from terminal 7, and it's normally open relay contacts are wired between terminals 6 and 7.

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.