

# Wiring Cross Reference

HONEYWELL RA890F  
TO MEC120, MEP100, MERT1, 61-3060 or  
MC120, MP100, MART1T, 61-3060 or  
Refer to Amplifier and Scanner Reference Guide

Honeywell	Function	Fireye	
6	Hot – 120 VAC	1	
2	Ground – Neutral	2	
6	Line Voltage Limits Controller	1-7	See Note 1
T - T	Low Voltage Limits Controller	N/A	See Note 1
N/A	Air Flow Switch	8-6	See Note 2
N/A	Burner Motor	8	See Note 2
4	Ignition	4	
3	Intermittent Pilot	3	
5	Main Fuel	5	
Optional	Alarm	A	See Note 3
F	Scanner	S2	
G	Scanner	S1	

- Note 1 If the RA890 uses low voltage limits controller, wire a line voltage limits controller into terminals L1 – 7 of the MEC120 or MC120 control.
- Note 2 The RA890 does not have a separate terminal for either the blower motor or air flow switch.
- Note 3 The SPDT alarm terminals are optional on the RA890.

Refer to bulletin MC-5000 for detailed operation of MEC120.  
Refer to bulletin C-4000 for detailed operation of MC120.