

MCO Digital Control Diagram Reading Guide

Constant un-interrupted power shown

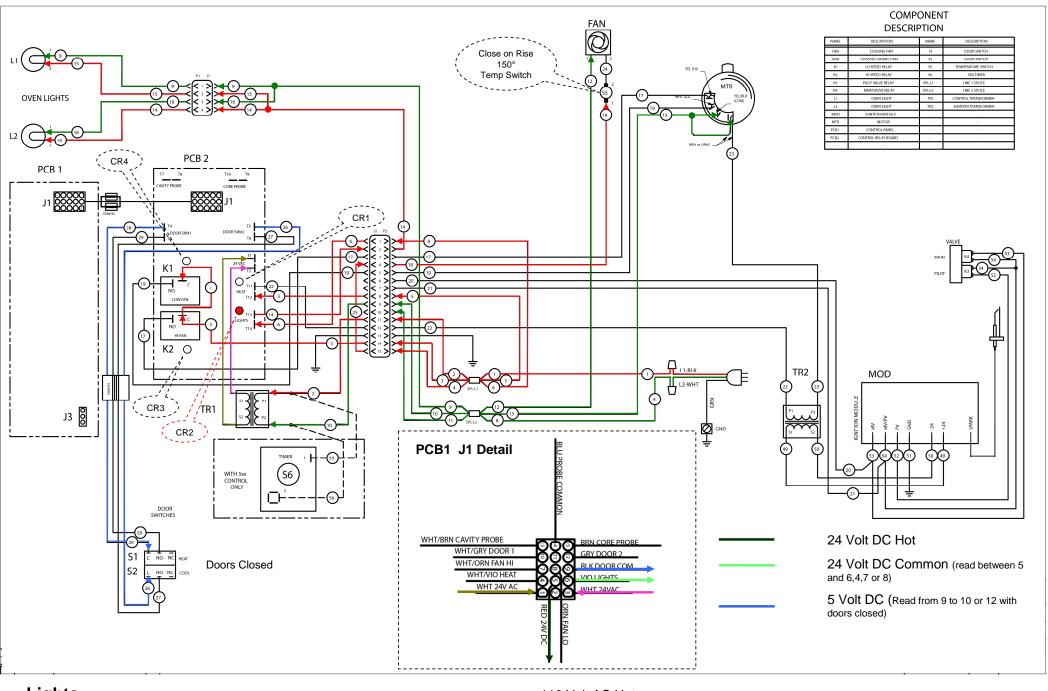
Doors closed, unit off

110 Volt AC Hot

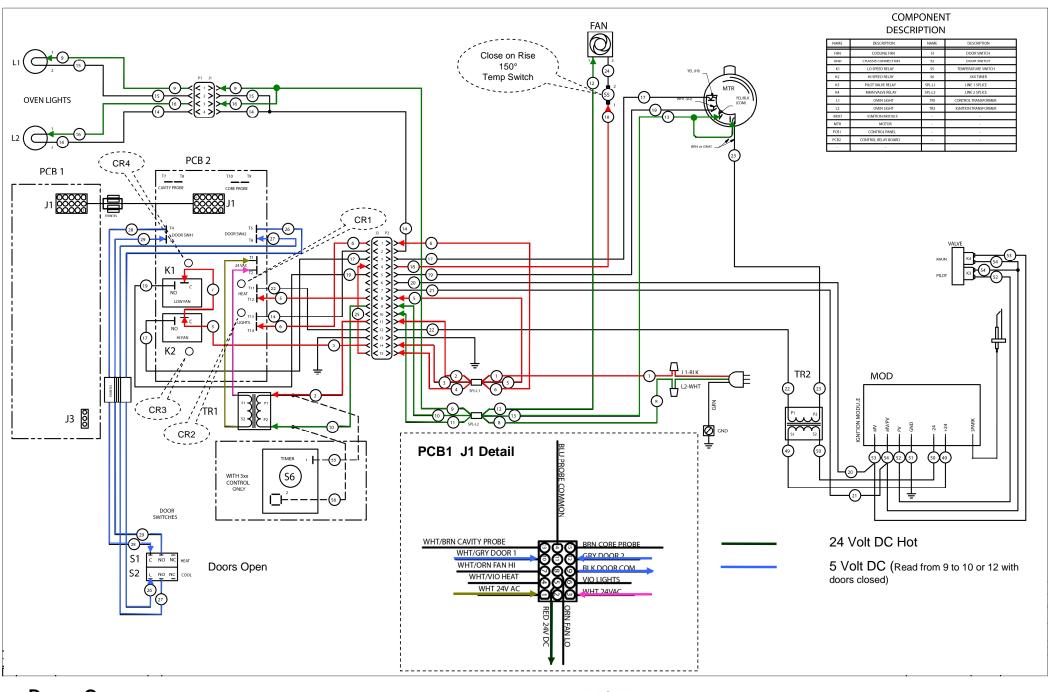
110 Volt AC Common

24 Volt AC Hot

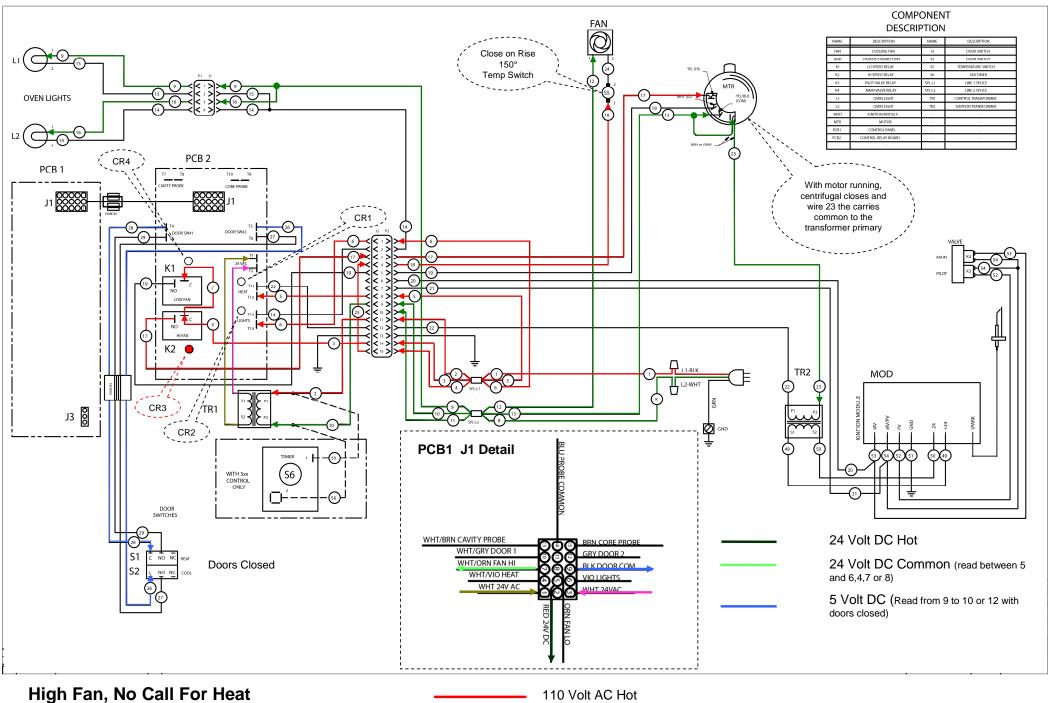
24 Volt AC Common





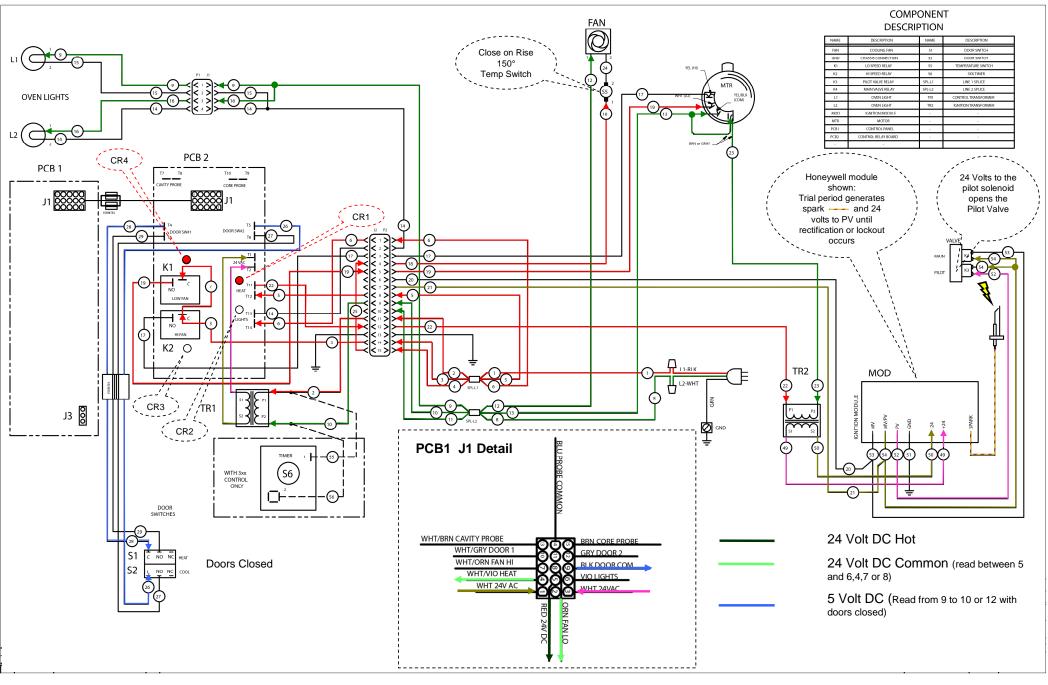






24 Volt AC Common

Doors Closed, unit on, no call for heat, fan in High 110 Volt AC Hot 110 Volt AC Common 24 Volt AC Hot



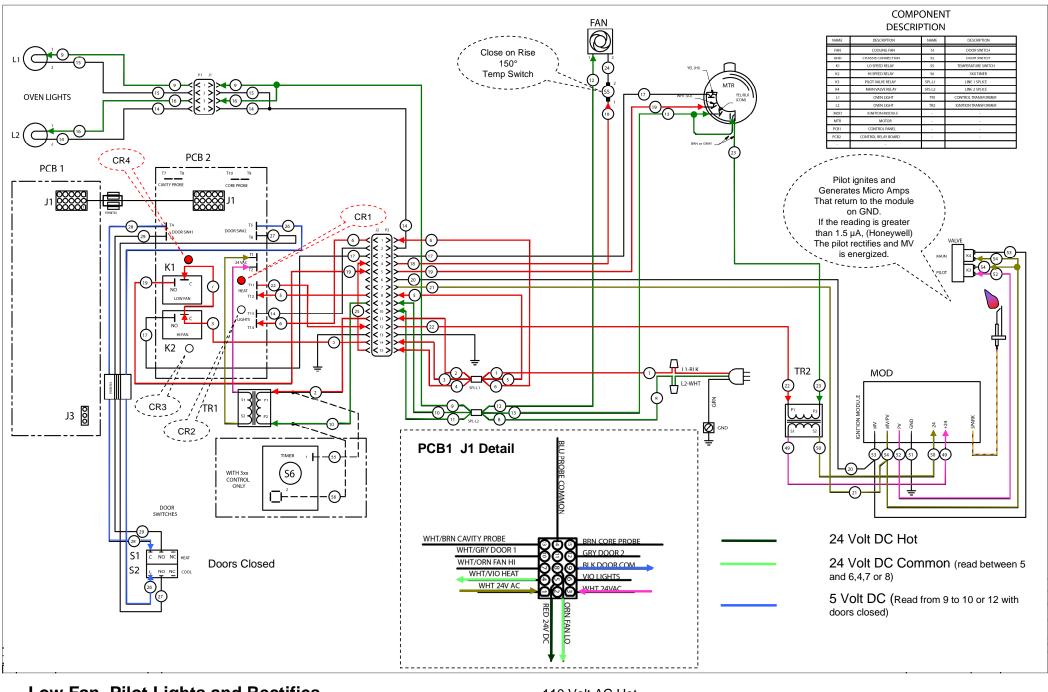
Low Fan, Heat Relay Closed, Trial for Ignition

110 Volt AC Hot

110 Volt AC Common

24 Volt AC Hot

24 Volt AC Common



Low Fan, Pilot Lights and Rectifies

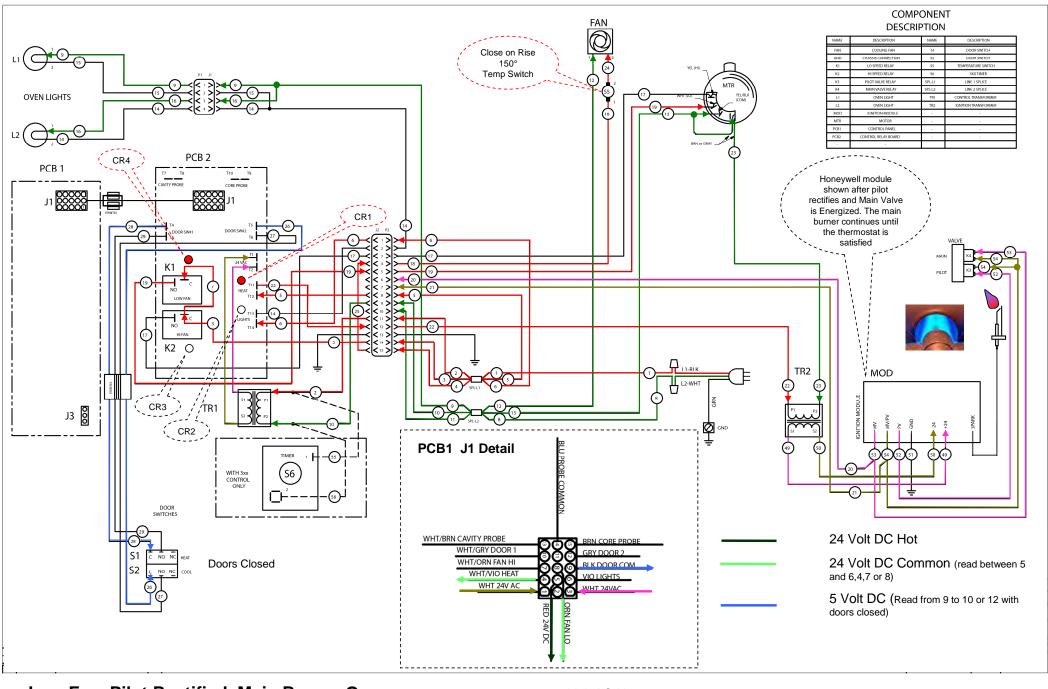
Doors Closed, unit on, call for heat, fan in Low

110 Volt AC Hot

110 Volt AC Common

24 Volt AC Hot

24 Volt AC Common



Low Fan, Pilot Rectified, Main Burner On

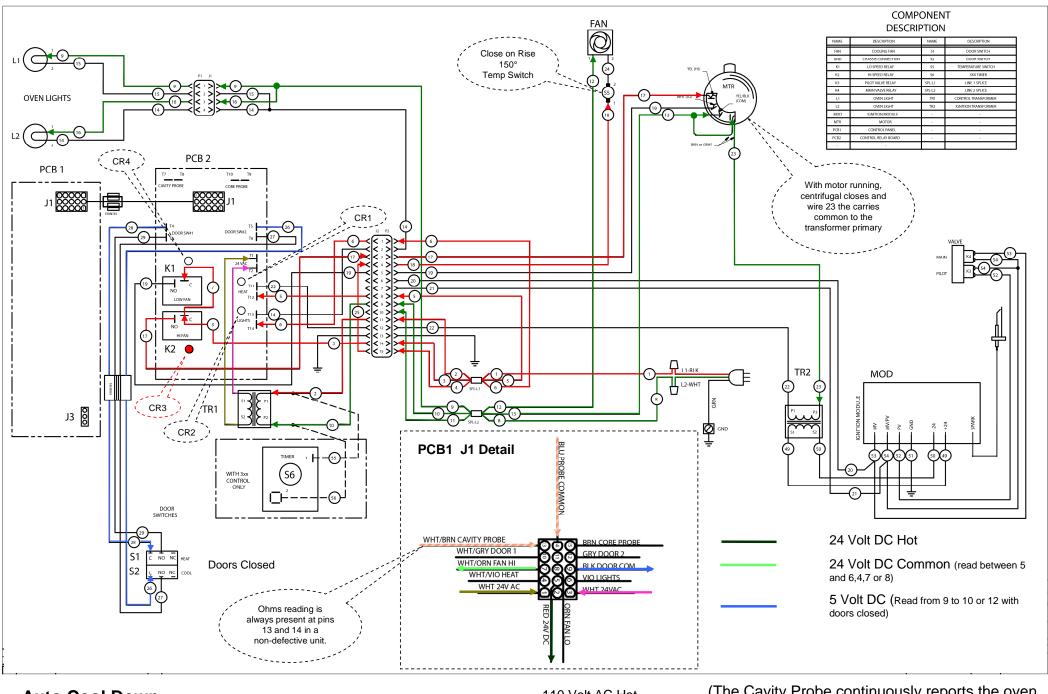
Doors Closed, unit on, call for heat, fan in Low

110 Volt AC Hot

110 Volt AC Common

24 Volt AC Hot

24 Volt AC Common



Auto Cool Down

Doors Closed, unit off, internal temperature above 150 °, display reads "Auto" and cool down occurs until Temp is below 150°

110 Volt AC Hot
110 Volt AC Common
24 Volt AC Hot
24 Volt AC Common

(The Cavity Probe continuously reports the oven temperature to the control through Pins 14 and 15 and can be measured using Ohms. See the Probe ohms chart to identify a correct temperature to Ohms reading.)