

HMI Hoyme Manufacturing Inc. **Special Note:** Circuits are colored for clarification only and are not necessarily those found in actual installations.

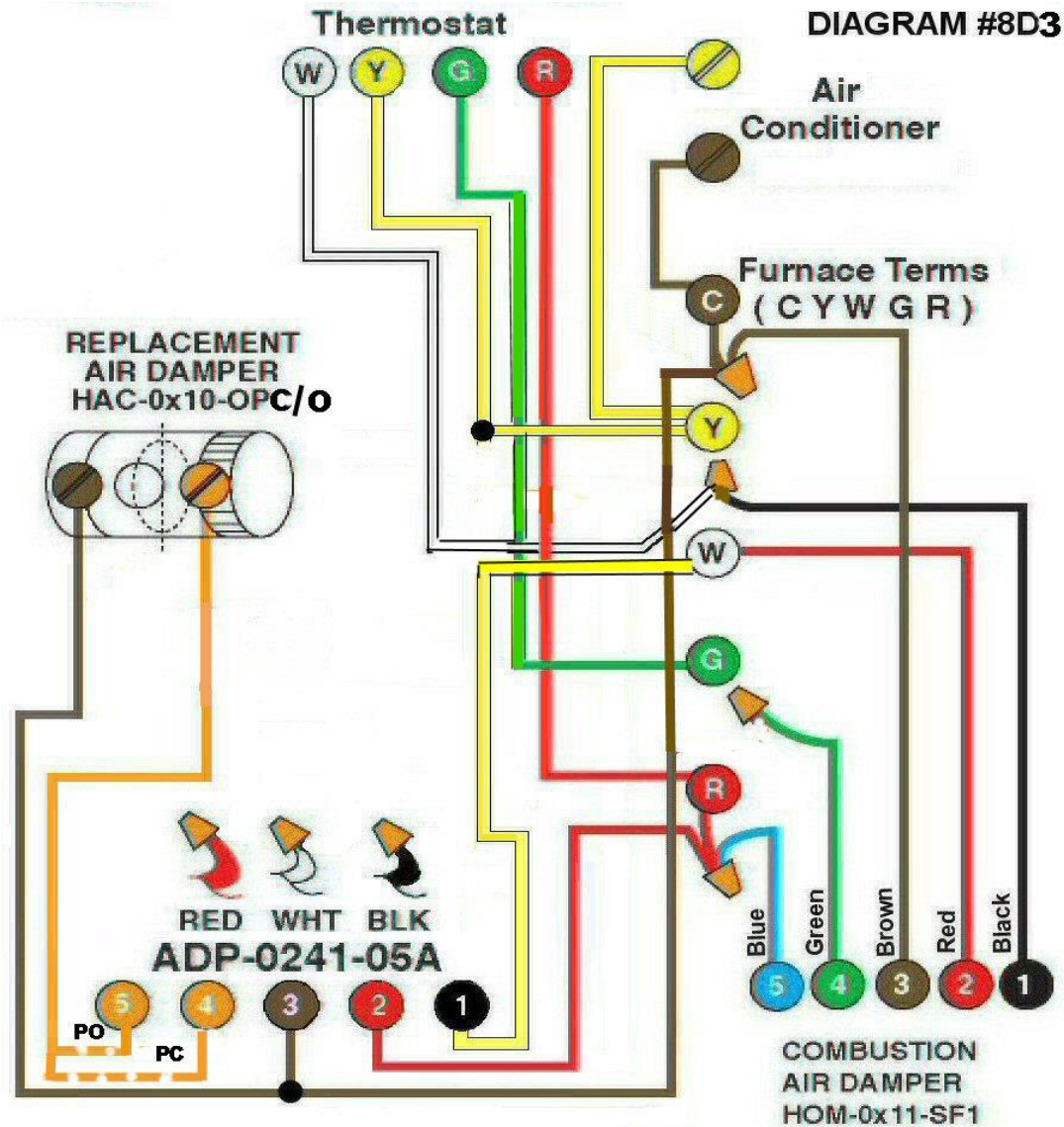


Diagram #8D3: Forced Air Furnace with a **combustion air** damper and a separate air supply duct for a **replacement air** Damper, both to open during firing of the furnace.

NOTE: Fresh Air Damper may be a **Power Open** or **Power Close** type. Connect to terminals #4 of the Adaptor for power close damper or connect to terminal #5 of the Adaptor for a **Power Open** damper.

1. **Combustion Air Damper (HOM-0x11-SF1)**
2. **Replacement Air Damper, Power Open or Power Close (HAC-0x10-OPC/OPO)**
3. **24Vac Relay Adaptor (ADP-0241-05A)** to operate the replacement air damper during firing only.

OPERATION:

1. Combustion and Replacement Air Dampers open during Furnace Firing signaled from thermostat.

N.B. Replacement Air Damper is not affected by the 'Manual' setting of the furnace fan.

Additional Colored Wiring diagrams are shown on the web at www.hoyme.com