HMI Hoyme Manufacturing Inc. Special Note: Circuits are colored for clarification only and are not necessarily those found in actual installations. Wires of the **MAC Fresh Air Damper or HOM – Combustion Air Damper**, however, are **colored as shown**.

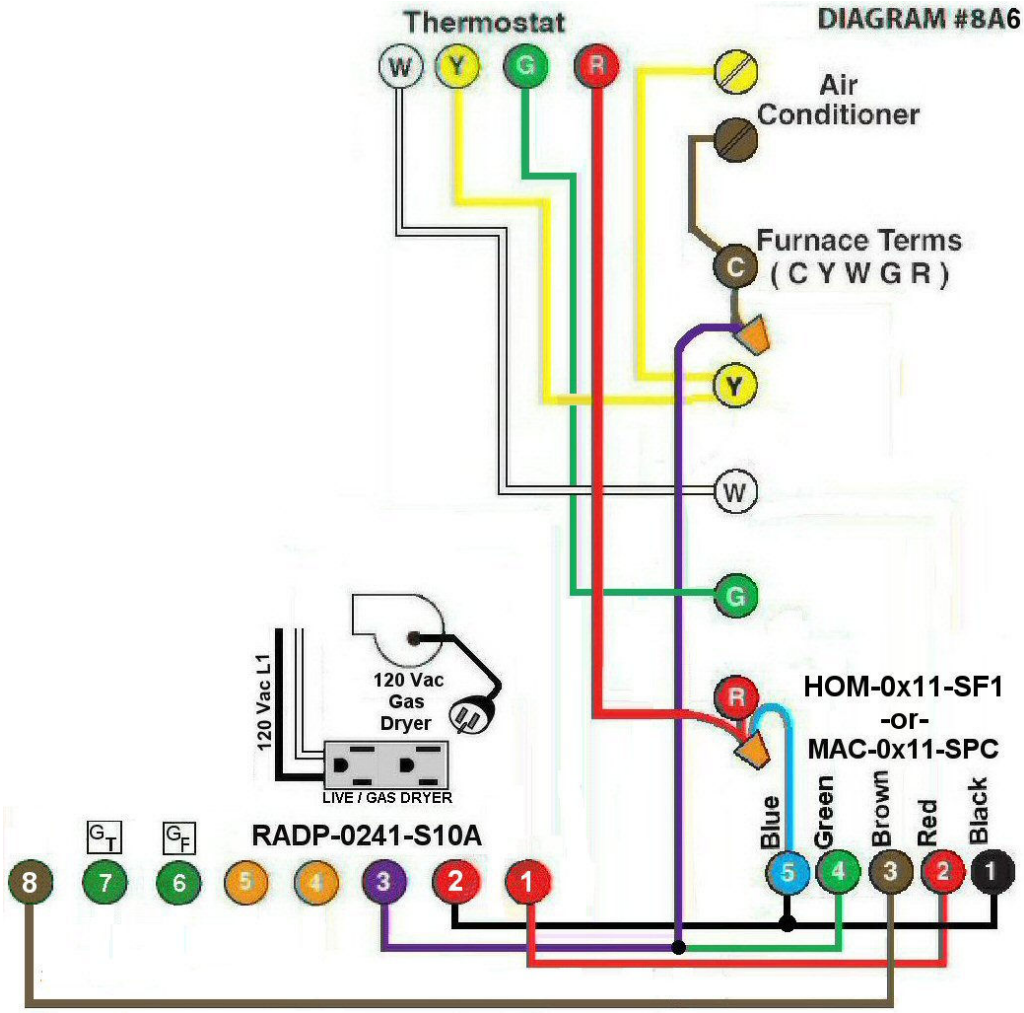

Diagram #8A6: Forced Air Furnace and a 120Vac Gas Dryer that has a **separate fresh air duct** for its operation.

1. Fresh Air Damper with a Relay and End Switch.**MAC-0x11-SPC** (**P**ower **C**lose) or **HOM-0x11-SF1**.
2. 24Vac Relay Adaptor with a Duplex Receptacle and a Red Light (on/off) Switch **RADP-0241-S10A**.

OPERATION:
1. The **MAC Damper** or **HOM Damper is to be open before the dryer operates.** It is interconnected to the furnace for power or to a separate 24Vac transformer and to the adaptor **RADP-0241-S10A.**
2. The **Gas Dryer** cord is plugged into the receptacle of the Adaptor **RADP-0241-S10A** and the Adaptor cord is plugged into wall outlet previously occupied by the dryer.
3. Manually turning on the Red Light Switch opens the **MAC** fresh air damper or **HOM** damper which in turn lights the switch. The **Dryer** may now be programmed to run.
4. When the Dryer has completed its cycle, the Adaptor Red Light Switch is to be turned **off** causing the MAC Air Damper to **close.**

Note: This installation does not interfere with the normal operation of the heating cycle of the furnace or the cooling cycle of the air conditioner.

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