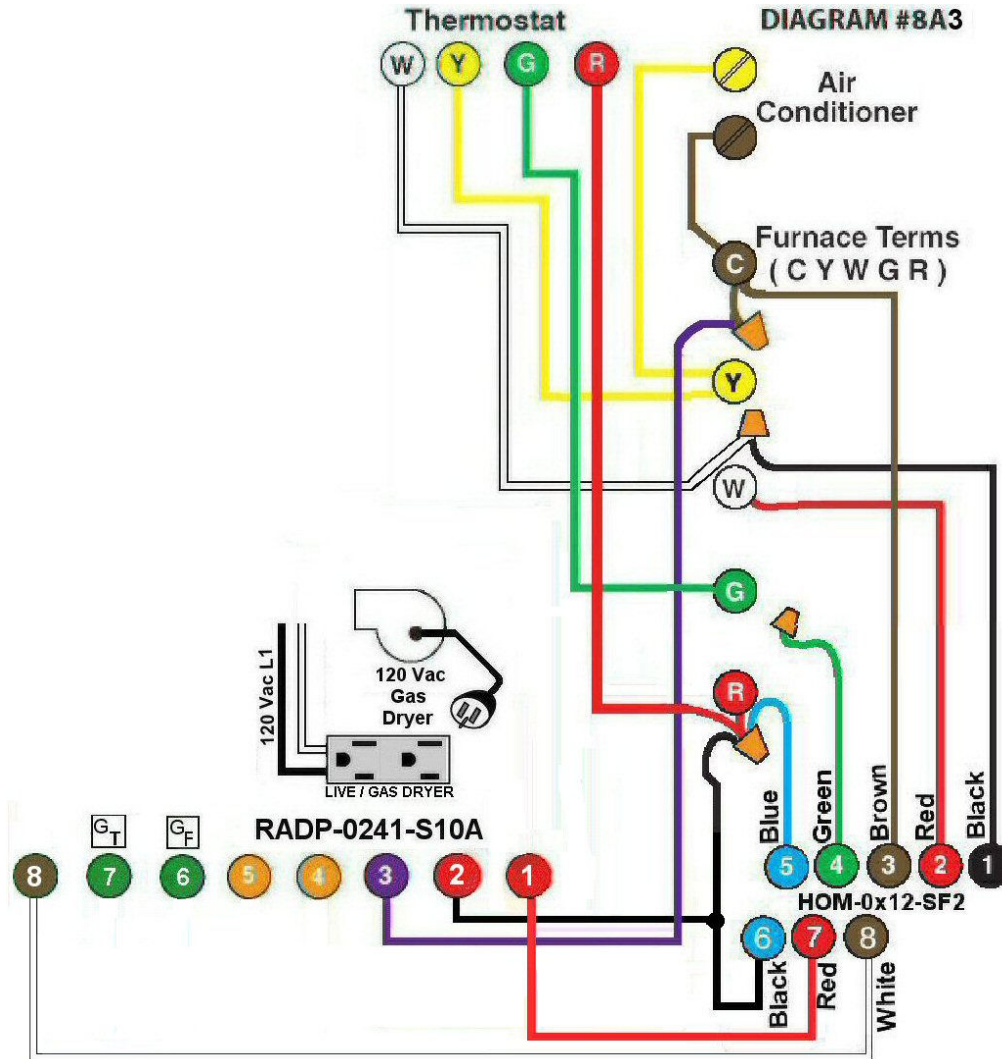


**HMI** Hoyme Manufacturing Inc. **Special Note:** Circuits are colored for clarification only and are not necessarily those found in actual installations. Wires of the **Combustion Air Damper**, however, are colored as shown.



**Diagram #8A3:** A Forced Air Furnace having a **combustion air** supply duct that also serves as a combustion air supply for a 120Vac gas dryer as a secondary appliance.

1. Combustion Air Damper (**HOM-0x12-SF2**) for two appliances.
2. 24Vac Relay Adaptor with a Duplex Receptacle and a Red Light on/off Switch (**RADP-0241-S10A**) to function as a control centre **interlocked** to 120Vac supply for a plug-in type **Gas Dryer**.

OPERATION:

1. **Combustion Air Damper** is **interlocked** to open for furnace firing and/or interlocked to open for dryer operation.
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. The **Gas Dryer** will operate only after the Red Light Switch is turned **on** and the Combustion Air Damper is in the **open** position. When the dryer has completed its cycle, the Adaptor Red Light Switch is to be turned **off** allowing the combustion air damper to **close**.

**Note:** Manual setting of the furnace fan does not affect the Combustion Air Damper operation. This installation does not interfere with the operation of the Air Conditioner.

Additional Colored Wiring diagrams are shown on the web at [www.hoyme.com](http://www.hoyme.com)