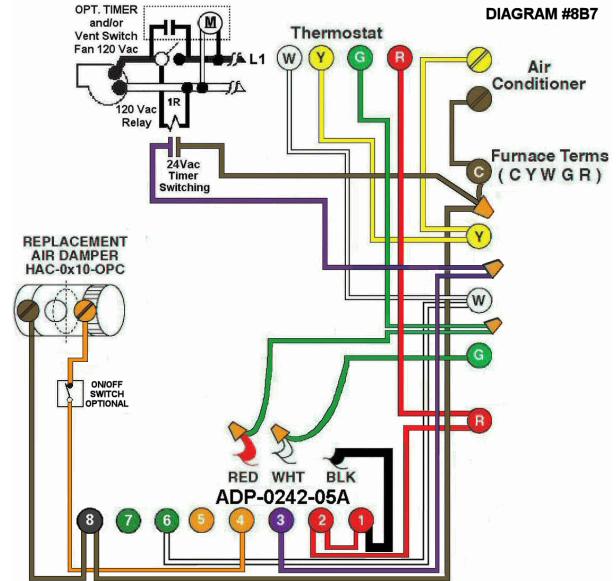
HMI Hoyme Manufacturing Inc. Special Note: Circuits are colored for clarification only and are not necessarily those found in actual installations.



**Diagram #8B7:** Forced Air Furnace having a **replacement air** supply duct together with an **exhaust fan** controlled by a **designated ventilation switch and/or bathroom timer that sends a 24Vac signal** to the furnace area.

- 1. Replacement Air Control Damper, Power Close (HAC-0x10-OPC)
- 2. Ventilation Switch and/or bathroom timer that sends Controlled 24Vac to furnace area.
- 3. 24Vac Relay Adaptor (ADP-0242-05A) to function as a control centre.

## **OPERATION:**

**1.** Replacement Air Damper opens when Furnace fires with thermostat signal.

**2.** Ventilation Switch and/or bathroom timer turns on Ventilation Fan, opens Replacement Air Damper and turns on Furnace Fan simultaneously. Note **PC** damper is connected to adaptor terminal #4.

**3. Optional Switch** (i.e. toggle switch) allows full control of the Replacement Air Damper to open separately provided it is a **P**ower **C**lose type Damper.

(For Power Open Damper see Diagram #8A9)

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 <u>www.hoyme.com</u>