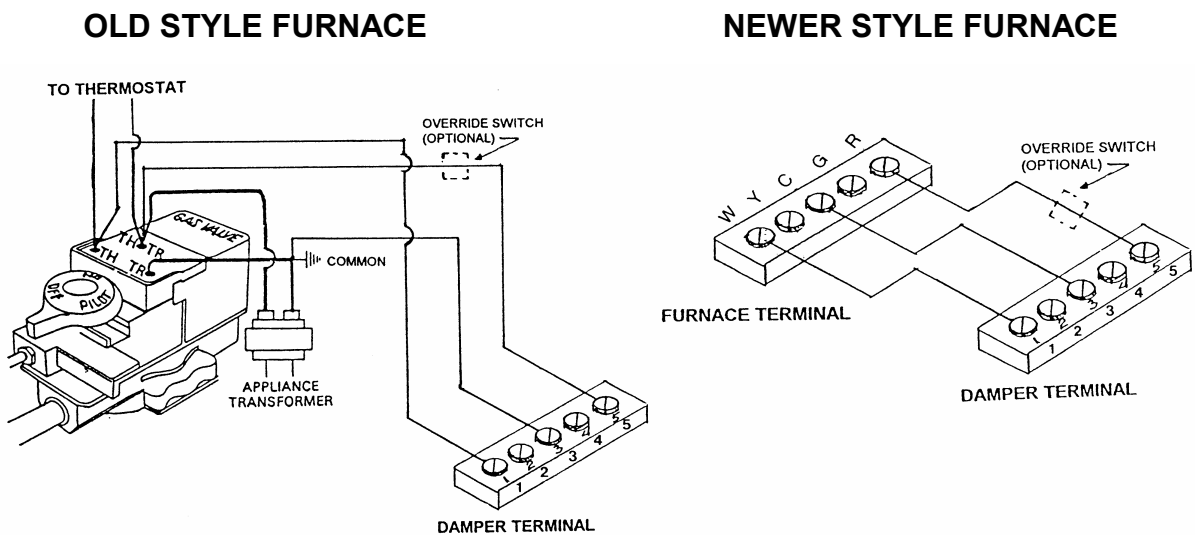


FRESH AIR INLET DAMPER, SERIES 'HAC-POWER CLOSE' WITH RELAY, INTERCONNECTED TO A FORCED AIR HEATING SYSTEM

Power Close fresh air inlet damper equipped with a **Relay** is recommended for replacement/make up air as opposed to power open dampers. Increased versatility in opening a PC damper is thus achieved by the use of a manual toggle switch, de-humidistat, timer or a relay adaptor placed in the 'optional override' section of the wiring diagram. When ordering, the designation at the end of the model number should be "**PC**" which designates **Power Closed**. To facilitate interconnection to the furnace circuit, use the following diagram.

Pictorial Wiring Diagrams:



Damper Identification: 'HAC- 0x1'1'- OPC'. "x" = diameter in inches. '1' = 1 relay i.e.: Damper HAC- 0511- OPC; damper diameter 5", c/w relay and is power closed.

Hook-up procedure:

Damper terminal (1) to 'TH' on older style furnace; to 'W' on newer style furnace.

Damper terminal (3) to 'TR' on older style furnace; to 'C' on newer style furnace.

Damper terminal (5) to 'TH-TR' on older style furnace; to 'R' on newer style furnace.

This damper opens when the furnace fires and closes when the fire stops. To bring in fresh air when furnace is not firing, use a Hoyme Relay Adaptor, Interval Timer, de-humidistat or manual override switch installed as indicated in the wiring diagram.

Important notice: Manual override **cannot** be achieved using a **Power Open** damper. It is best to use a **PC** damper equipped with a **Relay** which permits full control of the damper at all times. For more information, please contact:

HMI HOYME Manufacturing Inc. @ 1-800-661-7382. www.hoyme.com.