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:

**OLD STYLE FURNACE**

**NEWER STYLE FURNACE**

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:

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