



The
Field Controls
Company

Your Number-One Draft Choice.

2300 Airport Road
Kinston, NC 28501

MODEL PPC-4: THERMAL POST PURGE KIT

This device **MUST** be installed by a qualified installer in accordance with the manufacturer's installation instructions. Wiring **MUST** be in accordance with the National Electrical Code and applicable local codes.

ITEMS SUPPLIED WITH THIS KIT:

- 1 - Post Purge Switch Assembly
- 2 - #8 x 3/8 Sheet Metal Screws
- 3 - Electrical Wiring Connection

Installation of a POST PURGE is **REQUIRED** for oil fired appliances and optional for gas fired appliances for the purpose of venting combustion products after the burner has shut down. This Kit has an adjustable thermally activated sensing device that continues to vent the flue system until the temperature drops below switch opening temperature.

Close on Rise Temperature = 150°F to $200^{\circ}\text{F} \pm 15^{\circ}\text{F}$
Open on Fall Temperature = 95°F to $130^{\circ}\text{F} \pm 15^{\circ}\text{F}$
Typical Post Purge time should be 3 to 5 minutes for oil.
Typical Post Purge time should be 1 to 3 minutes for gas.

FIGURE 1:

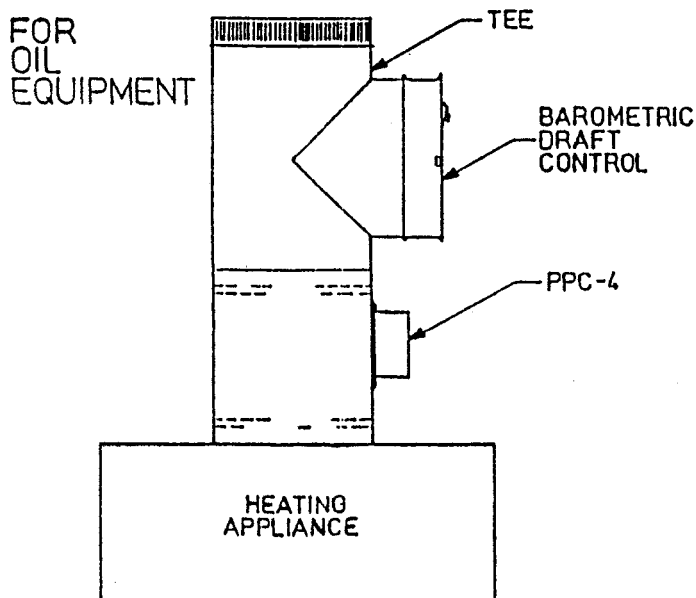
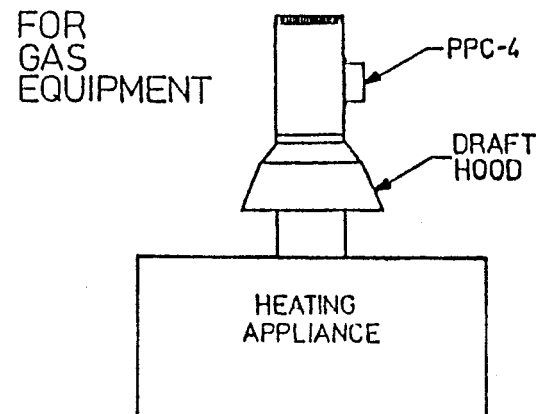


FIGURE 2:



SWITCH INSTALLATION:

Pierce a 1/4" dia. hole into the vent pipe between the barometric draft control and the appliance for Oil Fired Systems and Gas Fired Systems without draft hoods (See Figure 1). Mount after draft hoods for Gas Fired Systems (See Figure 2). Secure switch to vent pipe using the two (2) sheet metal screws provided.

WIRING:

Wire in accordance with National Electrical Code and applicable local codes. (See Diagram A or B)

DIAGRAM A:

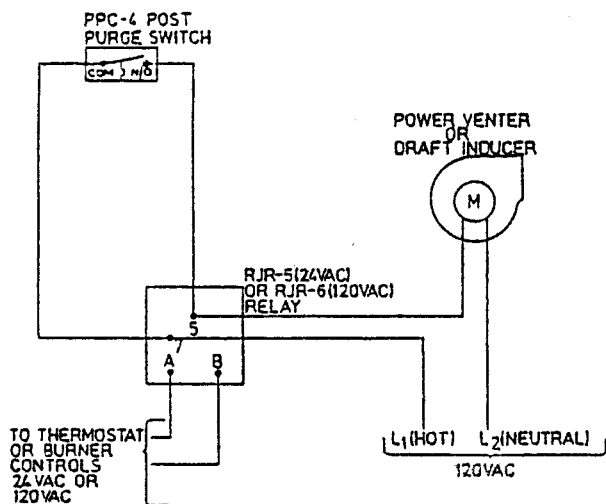
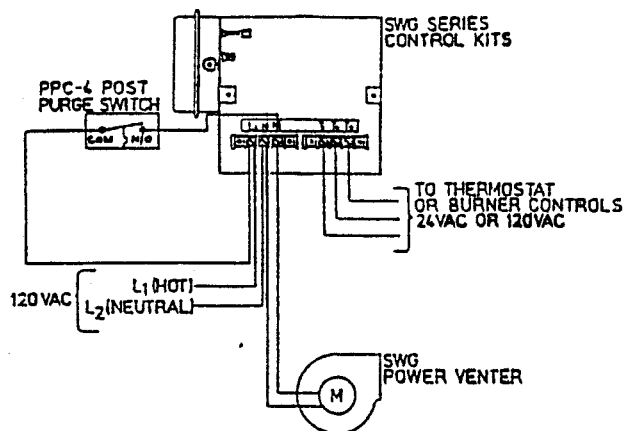


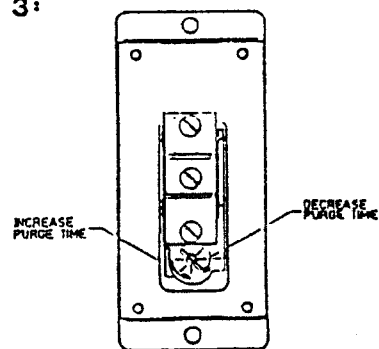
DIAGRAM B:



POST PURGE TIME ADJUSTMENT PROCEDURE:

1. Remove Switch Cover
2. Using a Screw Driver, turn the Adjustment Screw counterclockwise to increase purge time and clockwise to decrease purge time (See Fig. 3). Adjust purge time until no flue gas smell is apparent after venter stops.

FIGURE 3:



CHECKOUT PROCEDURE FOR POST PURGE CONTROL:

1. Operate heating appliance 5 to 10 minutes, then shut off heater control. Time purge operating time of venter.
2. If purge time is too long or short, adjust switch and repeat Step 1.