

Start-Up Instructions

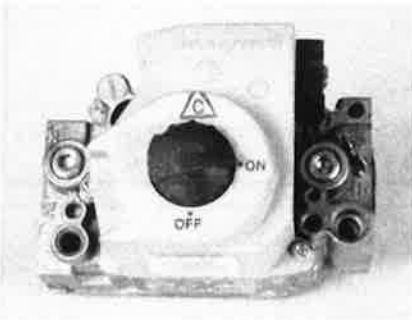
1. Connect the electrical cord to an approved electrical outlet.

A selector switch located on the back of the heater allows heater operation in either HEAT or VENT (no heat) modes. See Fig. 15.

A. Heat Mode Operation

- a. Open all manual fuel supply valves. Check for gas leaks using an approved leak detector. The gas control valve in the heater has a manual shut-off feature incorporated into the valve assembly. Ensure the indicator on the valve is positioned to ON. See Fig. 14.

FIG. 14



- b. Push the selector switch to HEAT.
- c. Set the thermostat above room temperature
 - The fan motor will start
 - Igniter will spark
 - Ignition occurs
- d. The thermostat cycles the heater on and off based on set point.

(It is normal for air to be trapped in the gas hose on new installations. The heater may attempt more than one trial for ignition before air is finally purged from line and ignition takes place.)

****HELPFUL HINT****

Do Not plug in heater until gas line is secured and valves are in the ON position

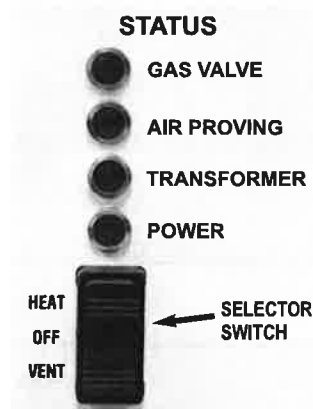
****TROUBLE SHOOTING****

If the heater does not ignite locate the RESET button inside the louvered door. Turn OFF and unplug the unit, open door and press the RED RESET button. After pressing RESET button go back to Step 4.

****SIMPLIFIED STEPS****

1. Secure gas line to tank
2. Turn tank valve to the ON position
3. Place thermostat at desired temperature
4. Ensure the power switch is in the OFF position.
5. Plug in heater to power source
6. Turn heater ON by pushing in the top portion of the switch
7. Under normal operation you should hear clicking followed by ignition.

FIG. 15



When the switch is set to HEAT, four status lights (See Fig. 15) will be activated in sequence as specific circuits within the heater are checked by the ignition control. **If the heater does not light and a status light is off**, refer to the troubleshooting label on the inside of the heater's burner end access door or the troubleshooting section in this manual.

B. Vent Mode Operation

- Push the selector switch to OFF, then to VENT.
- Only the fan motor will operate. The igniter will not spark, nor will ignition occur.

The VENT feature is used when air circulation is required. The heater will not cycle on its thermostat setting. To discontinue ventilation, position the switch to OFF or HEAT.

C. Off

Position the switch to midpoint.

2. Do not exceed input rating stamped on nameplate or manufacturer's recommended burner orifice pressure for size orifice(s) used. Make certain that the primary air supply to main burner is open and free of dust, dirt and debris for complete, proper combustion.