

MILLIVOLT PILOT CONTROL LIGHTING INSTRUCTION

THIS INSTRUCTION SHOWS THE BASIC STEPS FOR LIGHTING THE PILOT AND OPERATING THE BURNER FLAME. CONSULT YOUR INSTALLATION INSTRUCTIONS FOR VALVE KIT INSTALLATION AND ADDITIONAL SAFETY REQUIREMENTS.

Make sure your damper is ALL THE WAY OPEN, and glass doors are ALL THE WAY OPEN. Having the damper and doors open will ensure proper ventilation, prevents the valve from overheating and protects the glass from breaking.

To light your pilot...

1. Locate the valve on the side of the unit. Push in the gas control knob slightly and turn clockwise to **OFF** (Fig 1).

NOTE: The control knob cannot be turned from **PILOT** to **OFF** unless the knob is pushed in slightly. Do not force.

Allow five minutes for any gas in the unit to dissipate.

Locate the pilot light assembly. It will be mounted to the back wall of the burner pan, usually on the right side of the burner.

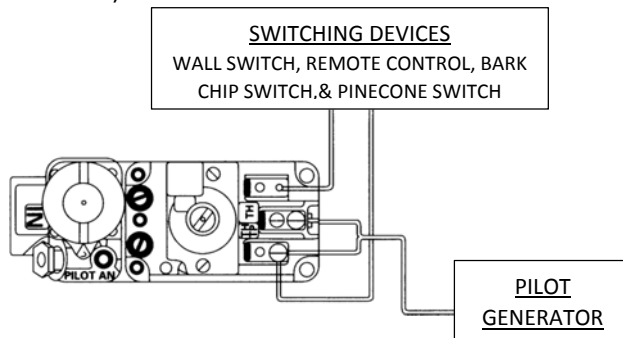
2. Turn the control knob counterclockwise to **PILOT** (Fig 2). Push the control knob firmly and fully in and hold. Hold a long fireplace match or lighter near the thermocouple on the pilot light assembly to light the pilot (Fig 3). Continue to hold the control knob in for approximately 60 seconds after the pilot is lit, then release the knob. The pilot will remain lit.

WARNING: If the pilot fails to light repeat steps 1 and 2.

If the pilot fails to light after several tries, turn the control knob to **OFF** and contact a qualified professional service technician.

To light the Burner Pan (main burner flame)...

IMPORTANT: In order to light the main burner there must be wires from a switching device connected to the two outside terminals on the millivolt valve (See diagram below).



1. Ensure the pilot is burning. Turn control knob counterclockwise to **ON** (Fig 4) to ignite the burner. The valve will open and the burner will light.

NOTE: The ignition sequence will take approximately 5 seconds.

To turn off the gas supply to the Burner Pan and the Pilot flame...

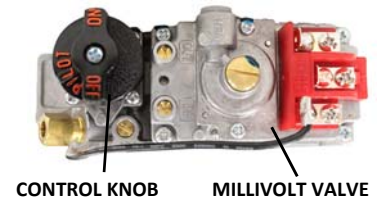
1. Turn the control knob clockwise from the **PILOT** position to the **OFF** position (Fig 1).

To adjust the pilot flame....

1. The Pilot Assembly Thermopile should be engulfed by the pilot flame approximately $\frac{1}{2}$ " (Fig 3). Adjust the height of the pilot flame by rotating the pilot adjustment screw (Fig 4) to the desired $\frac{1}{2}$ " flame height.

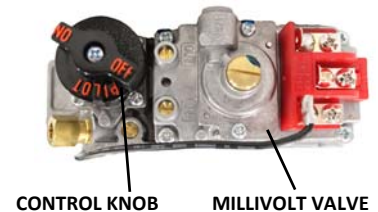
CONTROL KNOB "OFF"

Fig 1



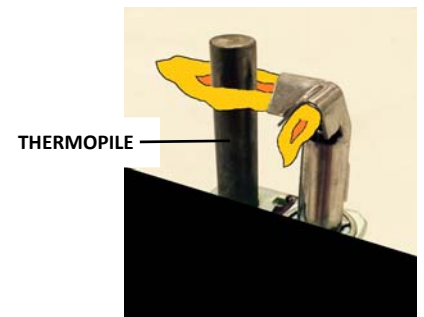
CONTROL KNOB "PILOT"

Fig 2



PILOT ASSEMBLY

Fig 3



CONTROL KNOB "ON"

Fig 4

