

VARIABLE FLAME 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 ignitor control knob slightly and turn clockwise to **OFF** (Fig 1).

NOTE: The ignitor 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 ignitor 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)...

1. Ensure the pilot is burning. Turn ignitor control knob counterclockwise to **ON** (Fig 4) to ignite the burner. Also, turn the flame height control knob counterclockwise to raise the flame level. The valve will open and the burner will light.

NOTE: The ignition sequence will take approximately 5 seconds.

Attach the remote control...

1. Refer to the Remote Control installation instructions for guidelines on installing and operating the flame height adjusting remote control.

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

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

To adjust the pilot flame....

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

CONTROL KNOB "OFF"

Fig 1



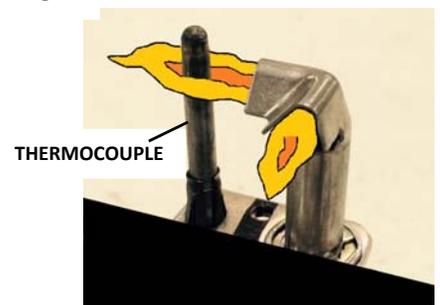
CONTROL KNOB "PILOT"

Fig 2



PILOT ASSEMBLY

Fig 3



CONTROL KNOB "ON"

Fig 4

