

FOR YOUR SAFETY READ BEFORE LIGHTING

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B. **BEFORE LIGHTING** smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

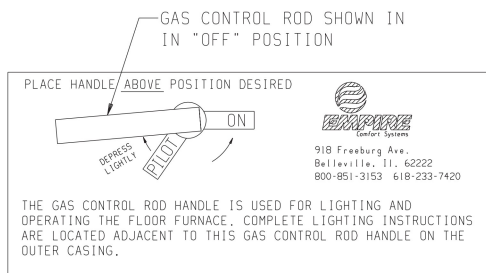
WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.

- If you cannot reach your gas supplier, call the fire department.
- C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

LIGHTING INSTRUCTIONS

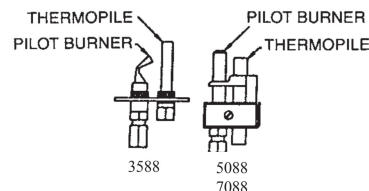
1. **STOP!** Read the safety information above.
2. Set the thermostat to lowest setting.
3. Remove floor register.
NOTE: The gas control rod is attached to the gas control knob.
4. Push in gas control rod slightly and turn clockwise to "OFF."



NOTE: Rod cannot be turned from "PILOT" to "OFF" unless rod is pushed in slightly. Do not force.

5. Remove the pilot access cover located on the combustion chamber.
6. Wait ten (10) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, **STOP!** Follow "B" in the safety information above. If you don't smell gas, go to the next step.

7. Find pilot - the pilot is adjacent to the center portion of the main burner in the area directly below the pilot access opening.



8. Turn gas control rod counterclockwise to "PILOT."
9. Push and hold control rod in and repeatedly push the ignitor button until pilot is lit (or use match and lighter rod to light.) Continue to hold the control rod in for about one (1) minute after the pilot is lit. Release rod and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 4 through 9.
 - If rod does not pop up when released, stop and immediately call a qualified service technician or gas supplier.
 - If the pilot will not stay lit after several tries, turn the gas control rod to "OFF" and call your service technician or gas supplier.

10. Replace pilot access cover.
11. Turn gas control knob counterclockwise to "ON."
12. Replace floor register.
13. Set thermostat to desired setting.

TO TURN OFF GAS TO APPLIANCE

1. Set the thermostat to lowest setting.
2. Remove floor register.
3. Push in gas control rod slightly and turn clockwise to "OFF." Do not force.
4. Replace floor register.

PROPER MAIN BURNER FLAME AND PILOT FLAME 3588

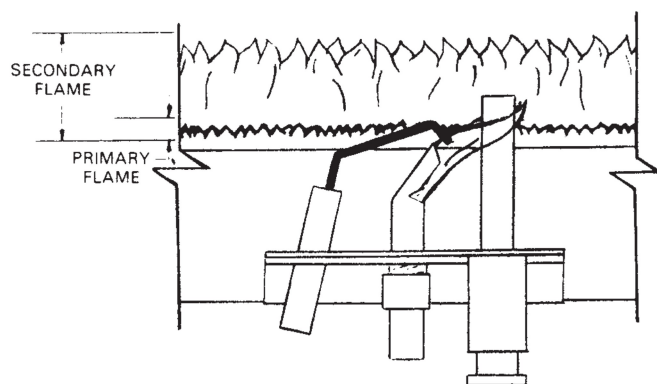


Figure 16

The correct pilot flame will be blue and extend past the thermopile as shown in the drawing. LP gas models do not require adjusting. The input of Natural gas models will require adjusting if the inlet pressure to the valve is above 5" w.c.

PROPER MAIN BURNER FLAME 5088, 7088

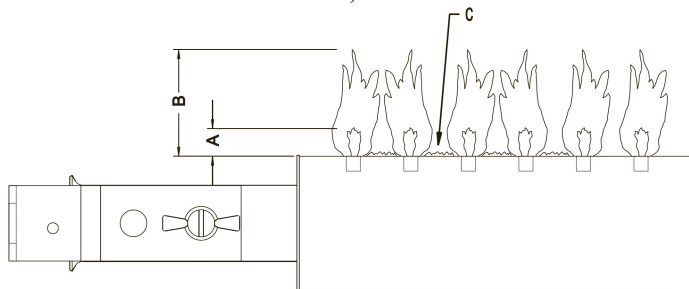


Figure 17

Model	Gas	Inner Cone (A) Dark blue	Outer Cone (B) Light blue	Carry down flame (C) Blue
7088	Nat	1 inch	2 1/2 inches	1/4 inch
	LP	3/4 inch	2 inches	small cone
5088	Nat.	3/4 inch	2 inches	3/16 inch
	LP	1/2 inch	1 1/2 inch	small cone

DO NOT MISTAKE AN ORANGE FLAME CAUSED BY PARTICLES IN THE AIR FOR THE UNDESIRABLE YELLOW FLAME.

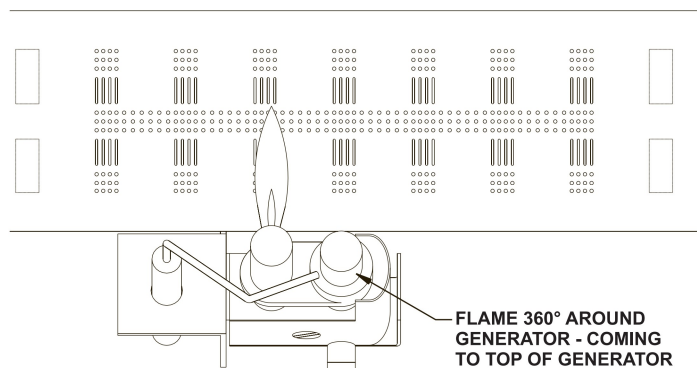


Figure 17

PROPER PILOT BURNER FLAME 5088, 7088

A blue flame shooting toward the main burner with an inner blue cone and a larger light blue outer flame. The generator will be surrounded by a blue flame that terminates near the top of the generator.

HIGH ALTITUDES

Orifice size must be reduced for high altitude use, or carbon monoxide may be generated and excessive heat will seriously damage the unit. When altitudes over 2,000 feet are specified, in the United States, main burner spuds will be furnished to reduce input 4% for each 1,000 feet of altitude above sea level. Contact the manufacturer or your gas company before changing spud sizes.

CHECKING MANIFOLD PRESSURE

Both Propane and Natural gas valves have a built-in pressure regulator in the gas valve with factory-set adjustment. Natural gas models should have a manifold pressure of approximately 3.5" w.c. at the valve outlet with the inlet pressure to the valve from a minimum of 5.0" w.c. for the purpose of input adjustment to a maximum of 7.0" w.c. Propane gas models will have a manifold pressure approximately 10.0" w.c. at the valve outlet with the inlet pressure to the valve from a minimum of 11.0" w.c. for the purpose of input adjustment to a maximum of 13.0" w.c.

An 1/8" N.P.T. plugged tapping, accessible for test gage connection, is located on the outlet side of the gas control.

CLEANING THE MAIN BURNER

Remove the burner and apply air pressure inside the throat of the burner and down into the ports.

Check for proper burner and pilot flame before and during each heating season.

SERVICING

INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED SERVICE PERSON. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

Floor furnace must not be connected to a chimney flue servicing a separate solid-fuel burning appliance.

DON'T put anything around the furnace that will obstruct the flow of combustion and ventilation air.

DO keep the appliance area clear and free from combustible material, gasoline and other flammable vapors and liquids.

DO examine venting system periodically and replace damaged parts.

DO examine burners periodically. Clean and replace damaged parts.

MAKE periodic visual check of pilot and burner flame.