

SERVICE HINTS—FOR BETTER PERFORMANCE

Insufficient Heat

1. Incorrect gas input.
 - a. Check orifice to be sure it is the correct size and is not clogged. Do not ream orifice or distort in any way.
2. Wall thermostat malfunctioning.
 - a. Recheck the location to be sure air freely circulates around thermostat and that thermostat is not affected by an outside source of heat.
3. Incorrect gas mixture.
 - a. Recheck adjustment of primary air to burner.
 - b. Check for dust and other foreign matter at air mixture opening and burner ports . . . clean if necessary.

Noisy Flames

1. Excessive gas input.
 - a. Due to gas pressure being too high. Have bottled gas company check and correct.
2. Excessive primary air.
 - a. Check primary air to burner.
3. Damaged orifice (if it whistles).
 - a. Replace orifice.

Soot or Carbon in Burner of Combustion Chamber

1. Vent tubes blocked or improperly installed. Check and correct if necessary. Be sure tubes are overlapping and sealed.
2. Insufficient primary air. Check burner flame and readjust for blue flame.
3. **NOTE:** If soot has formed, it must be cleaned thoroughly before unit will function properly again.

Pilot Outage

1. Insufficient primary air.
 - a. Recheck and adjust.
2. Pilot lighter door not sealed.
 - a. This door and lighter cap **MUST BE CLOSED SECURELY, AND SECURED WITH WING NUT.**
3. Defective thermocouple or valve.
 - a. Call your heating contractor.
4. Vent tubes leaking.
 - a. Recheck installation tubes.
5. Thermocouple not properly heated.
 - a. The pilot flame must envelope one-half of thermocouple tip.
 - b. If it does not, adjust pilot flame by removing cover screw on main gas valve and adjust pilot valve screw.