

Caring for Your Heater

How To Care For Your Heater

WARNING: Danger of bodily injury or death. Turn off electric power supply at the disconnect switch, fuse box or service panel before removing any doors or access or service panels from the unit.

ANNUAL UPKEEP NEEDED

It is recommended that a qualified service technician perform these checks at the beginning of each heating season.

CABINET FINISH

Clean the cabinet with a damp rag. Never use abrasive cleaners. Cabinets are finished in heat resistant powder coated finish - DO NOT refinish with wall paint.

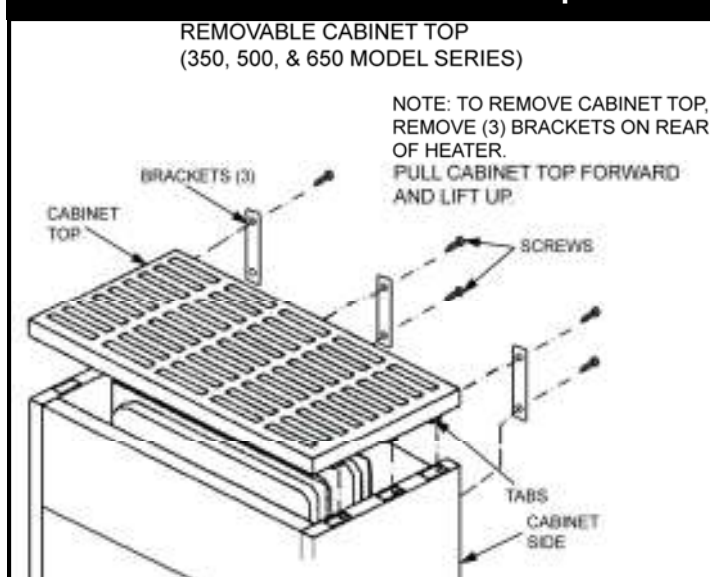
REMOVABLE CABINET TOP (350, 500, & 650 MODEL SERIES)

For ease of cleaning, access or replacement of internal parts, the top of this heater can be removed by following these steps:

1. Remove the three (3) brackets on the rear of the heater securing the cabinet top to the back plate.
2. Pull the cabinet top forward and lift up. Reinstall the cabinet top by reversing the procedures noted above. (Figure 19).

Note: Take special care to engage the six (6) clips located on the bottom of the cabinet top into the top flange of the heater sides.

FIGURE 19 Removable Cabinet Top



HEATER AREA

Keep the area near the heater clear and free from combustible materials, gasoline and other flammable liquids and vapors.

COMBUSTION AND VENTILATION AIR

The combustion and ventilation air supply must not be blocked.

Do not put anything in or on the heater cabinet.

For better circulation and more effective heating, do not place obstructions, furniture or other items closer than four feet to the front of the cabinet or two feet from each side of the cabinet.

CLEANING BLOWER (IF EQUIPPED)

Shut off electricity. Clean any lint or dirt from fan blades, fan motor and exposed air passages. Annually put two drops of SAE 20 oil in each of the two cups or oil tubes.

PILOT BURNER

Light the pilot using the instructions in OPERATING YOUR HEATER. Leave the thermostat at the lowest setting.

The pilot flame should surround 1/2 to 5/8 inches of the generator tip. If the flame needs adjusting, do it as follows:

ADJUST PILOT BURNER

1. Insert a small screwdriver, adjust the flame as needed. Turn the screw counterclockwise to increase the flame, clockwise to decrease.
2. Turn the thermostat to the highest setting. The main burners should light quickly and smoothly. Turn the thermostat to its lowest setting. Main burners should go out. The pilot should remain lit.
3. Refer to Figure 20.

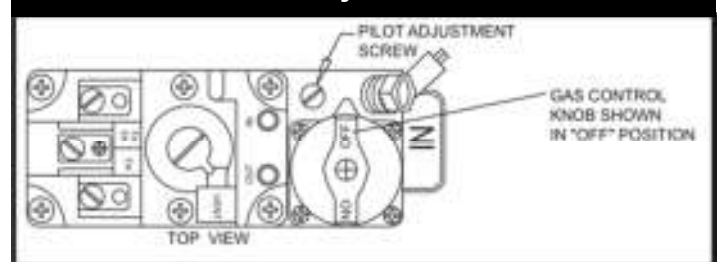
VENTING SYSTEM

Make sure that no parts of the vent air system are blocked, rusted or damaged. Clean or replace before using the heater.

BURNER CLEANING

Check the burner. If cleaning is required, contact a qualified service technician to clean and service burner.

FIGURE 20 Pilot Adjustment Screw



Caring for Your Heater

CLEANING BURNER COMPARTMENT

Because cold air is attracted to the flame during heater operation, a build up of lint from carpeting, bedding, dust, etc. in the burner area will occur. It is necessary to clean this area regularly. Use a vacuum cleaner with a narrow attachment to reach small areas. Be careful in and around the pilot. A change in its adjustment could be made if moved during cleaning.

DANGER: A build up of any dust, lint or foreign material in the primary air opening of the burner can interfere with the proper air gas mixture and can result in a yellow flame which can produce carbon monoxide and soot. This condition if allowed to develop, can lead to bodily injury including death. It is imperative that the burner be kept clean.

TO REMOVE LOGS FROM COMBUSTION CHAMBER

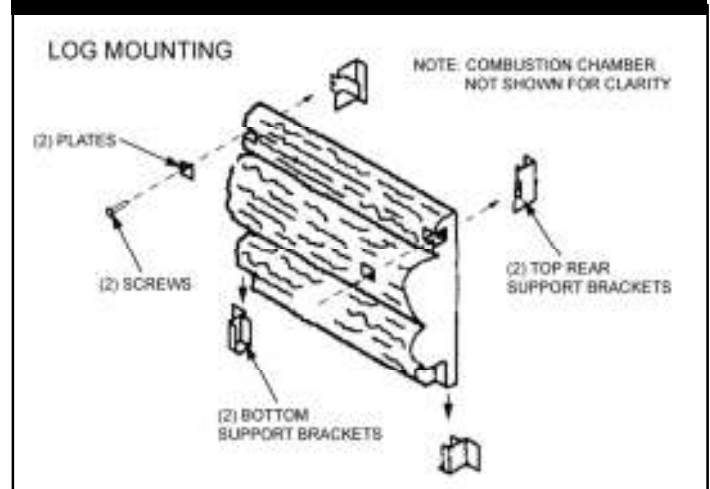
Always remove the logs from the combustion chamber when cleaning the burner or combustion chamber.

1. As parts are removed, place them in a safe place until ready for reassembly.
2. Remove the chrome hearth assembly. Compression clips hold hearth assembly in place. Grasp the assembly frame and pull forward.
3. Remove the screws in the glass window frame.

IMPORTANT: The logs are made of special lightweight materials that can be easily damaged by rough handling.

4. Lift the front log up and out of the front log support brackets carefully. Take care when pulling it out through the window opening. Do not scrape it against the metal edges of the opening.
5. Remove the screws and plates holding the top right and the top left sides of the rear log set against the top rear support brackets.
6. Lift the rear log set up and out of the bottom support brackets. Tilt the top towards the back and slowly allow the bottom to pass through the opening first. Take care not to scrape it against the metal edges of the opening.
7. Reverse the above procedure to reassemble after cleaning.

FIGURE 21 Log Mounting



GLASS CLEANING

Use mild soap and water only. Never clean when the glass is hot.

If the glass is broken it must be replaced with the manufacturer's authorized part only. Failure to do so could cause property damage, bodily injury or death.

NOTE: A properly adjusted burner with nearly all gases will produce a flame which has a clear blue cone having a bluish-red or bluish-violet outer mantle.