

rules for safe installation and operation

1. **READ** these rules and the instructions carefully. Failure to follow them could cause a malfunction of the heater. This could result in death, serious bodily injury, and/or property damage.
2. **CHECK YOUR LOCAL CODES.** The installation must comply with their rulings. Adhere to installation clearances and restrictions.
3. **ALWAYS CONNECT** this heater to a chimney and vent to the outside. Never vent to another room or inside a building. Do not vent into a chimney that has another appliance attached to it.
4. **DO NOT** connect a wood burning heater to an aluminum Type B gas vent. This is not safe and is prohibited by the National Fire Protection Association Code. This unit must be installed in a masonry tile lined chimney or a solid fuel approved chimney.
5. **MAKE SURE** the chimney is high enough to give a good draft. Keep the chimney and pipe clean inside to avoid blockage. Otherwise smoking will result.
6. **PROVIDE AIR** for combustion from the outside into the room where the heater is located. If the intake is not in the same room, the air must have free access to the room.
7. **KEEP THE ASH PAN** section free of excess ashes. Failure to do so will cause grate warpage and burn out.
8. **CAST IRON PARTS MUST BE "SEASONED" TO AVOID CRACKING. BUILD ONLY SMALL FIRES DURING YOUR EARLY USE.** Never build extremely large fires in your heater.
9. **TO PREVENT INJURY** do not allow anyone who is unfamiliar with the operation to use the heater.
10. **NEVER USE** gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or 'freshen up' a fire in this heater. Keep all such liquids well away from the heater while it is in use.
11. **FLUE CLEANERS** that have a sulfur base must never be used. They are harmful to the metal in the heater and metal chimneys. The warranty on this heater is void if these products are used. Solid fuel burning appliances require that heat exchangers and flue pipes be cleaned more frequently because the soot (creosote) and ash accumulation are more rapid with solid fuel burning.
12. This heater may be installed in a mobile home or trailer. Do not install unit in a sleeping room. "THE STRUCTURAL INTEGRITY OF THE MOBILE HOME FLOOR, WALL AND CEILING/ROOF MUST BE MAINTAINED."
13. **FOR FURTHER INFORMATION** on using your heater safely, obtain a copy of the National Fire Protection Association publication "Using Coal and Wood Stoves Safely" NFPA No. HS-8-1974. The address of the NFPA is 470 Atlantic Ave., Boston, MA 02210.

WARNING

Burn wood only; unsafe to fire with coal.

CAUTION: Do not touch the heater until it has cooled.

tools and materials needed

TOOLS

- Pencil
- Drill, Hand or Electric
- Flat Head Screw Driver
- 6 Foot Folding Rule or Tape
- Drill Bit (For Sheet Metal Screws)
- 5/16" Wrench or Socket
- Tin Snips
- Gloves
- 7/16" Wrench or Socket

MATERIALS

- 3/8" Asbestos Millboard for Combustible Floor Protection. (43-1/2" Wide by 40" Deep Min. Size Required for the Aurora; 42-1/2" Wide by 37" Deep Min. Size Required for the Orion)
- 6" Diameter 28 Gauge Galvanized Pipe for Exterior Air Intake.
- Screen for Exterior Air Intake Pipe.
- Insulation for Exterior Air Intake Pipe.
- 6" or 8" Diameter 24 Gauge Minimum Black Pipe Required.
- #10 by 1/2" Sheet Metal Screws. (3 Screws per Section of Pipe)
- For Chimney Requirements See Page 5.

IMPORTANT

Always comply with state and local codes when installing this heater.