

INTRODUCTION – CONT'D.

For your protection this heater is equipped with an Oxygen Depletion Sensor (ODS) pilot system. Never operate heater if ODS has been damaged or tampered with as this could expose you to Carbon Monoxide (a colorless, odorless gas) that could result in injury or death. Early signs of Carbon Monoxide poisoning resemble influenza, with headaches, dizziness, or nausea. If you develop these symptoms GET FRESH AIR AT ONCE. Turn off heater and call a qualified serviceman to check heater. Some people are more affected by Carbon Monoxide than others: Including pregnant women, persons with a heart or lung disease, anemia, those under the influence of alcohol, and those at high altitudes.

OPERATION

The Cozy thermostatically controlled units offer the additional benefit of automatically cycling the heating to maintain just the right room temperature. VENTFREE GAS ROOM HEATERS ARE DESIGNED STRICTLY FOR “SUPPLEMENTAL” ROOM HEAT USE AND SHOULD NEVER BE INSTALLED AS “SOLE SOURCE HEATING”.

ROOM HEATER SPECIFICATIONS

Your room heater comes packed in a single carton. Before installation, check the rating plate to verify that the Model Number is correct and that the room heater is equipped for the type gas you intend to use.

MODEL NO./NAT.	BFT101	BFT201	BFT301
MODEL NO./L.P.	BFT102	BFT202	BFT302
Control	T-Stat Bulb	T-Stat Bulb	T-Stat Bulb
Height	22-1/2”	22-1/2”	22-1/2”
Width	14-9/16”	20-11/16”	26-13/16”
Depth	7”	7”	7”
Max. Input BTU hr.	10,000	20,000	30,000
Min. Input BTU Hr.	6,000	10,000	20,000
Gas Supply Line Size	1/2”	1/2”	1/2”
Optional Blower	No	Yes	Yes
Optional Floor Stand	Yes	Yes	Yes
Bathroom Installation	No	No	No
Bedroom Installation	Yes	No	No
Piezo Ignitor	Yes	Yes	Yes
Shipping Weight	22 Lbs.	32 Lbs.	35 Lbs.

SAFETY INSTRUCTIONS

- 1) Keep burner and control compartment clean.
- 2) Due to high temperatures, the heater should be located out of traffic and away from furniture and draperies.
- 3) Children and adults should be alerted to the hazard of high surface temperature and should stay away to avoid burns or clothing ignition.
- 4) Young children should be carefully supervised when they are in the same room with this heater.
- 5) Do not place clothing or other flammable material on or near the heater.
- 6) Any safety screen or guard removed for servicing must be replaced prior to operating the heater.

SAFETY INSTRUCTIONS - CONTINUED

- 7) Installation and repair should be done by a qualified service person. The heater 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 heater be kept clean.
- 8) **“WARNING: Any modifications to this heater or its controls can be dangerous”.**
- 9) Do not use this heater if any part has been under water. Immediately call a qualified service person to inspect the heater and to replace any part of the control system and any gas control which has been under water.
- 10) Due to high surface temperatures, keep children, clothing, and furniture away.
- 11) Do not install this heater in a recreational vehicle.
- 12) Never use a match, candle, flame or other source of ignition to check for gas leaks. Use only soapy water or liquid detergent.
- 13) Before cleaning or servicing, turn off the gas and allow heater to cool.
- 14) Do not put objects around the heater that will obstruct the flow of combustion and ventilation air.
- 15) When installing the heater allow adequate accessibility clearances for servicing and proper operation.
- 16) Keep appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- 17) **Do not install in a residential or commercial garage.**
- 18) **WARNING:** Do not use a blower or other accessory not approved for use with this heater.
- 19) **WARNING:** Failure to keep the primary air opening(s) of the burner(s) clean may result in sooting and property damage.
- 20) This appliance is intended for supplemental heating.

FRESH AIR FOR COMBUSTION, VENTILATION AND HEAT DISTRIBUTION

With today's energy efficient homes, it is possible to make your home so air tight that it can result in stale air, dry rot, mold development and host of other related problems. Gas burning appliances need fresh air for combustion as well as for good distribution of heated air throughout the home. The following guide provides good general rules for classifying and properly ventilating most homes.

The National Fuel Gas Code ANSI Z223.1 defines a confined space as “a space whose volume is less than 50 cubic feet per 1,000 Btu per hour (4.8m³ per Kw) of the aggregate input rating of all appliances installed in that space and an unconfined space as a space whose volume is equal to or greater than 50 cubic feet per 1,000 Btu per hour (4.8m³ per Kw) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliance is installed, through openings not furnished with doors, are considered a part of the unconfined space.”

“This heater shall not be installed in a confined space or unusually tight construction unless provisions for adequate combustion and ventilation air are made. Use the following example to determine if the heater is being installed in a confined or unconfined space.”

STEP 1. First find the cubic feet of area to be heated length x width x height. NOTE: Include any adjoining rooms that cannot be separated by closing a door or that have a air exchange grille that cannot be closed between rooms.
EXAMPLE: Area size 25 ft. x 15 ft. x 7-1/2 ft. = 2,812.5 cubic feet.

STEP 2. Divide area cubic feet by 50. EXAMPLE: 2,812.5 ÷ 50 = 56.25. Multiply this number by 1,000 for total Btu input room can support. EXAMPLE: 56.25 x 1,000 = 56,250 Btu.

STEP 3. List all gas burning appliances in this area and total the combined Btu input. EXAMPLE:

Cozy vent free heater.....	20,000 Btu
Gas water heater.....	58,000 Btu
Gas range (all burners & oven on).....	<u>28,000 Btu</u>
	106,000 Btu