



0063

# AMBI-RAD Model UF Series 2 Gas-Fired Unit Heaters

USER FORM WA/005/0399

## USER INSTRUCTIONS

### Hang This Near Your Heater

**IMPORTANT:** For safe and satisfactory operation, these instructions should be read and fully understood.

#### GENERAL:

For continued safe and efficient operation, this heater should be serviced regularly by a competent service engineer. A full after sales service is available from AMBI-RAD. Read the warranty and ensure that the heater is operated within the terms of the warranty. Do not restrict the air supply to the heater. Maintain free access to the heater for servicing. (See Required Clearances, Figure 3 on page 2.)

#### FOR YOUR SAFETY:

- Ensure that the heater is properly earthed.
- If the pilot light goes out for any reason, allow three (3) minutes before lighting.
- If a gas leak is suspected, turn OFF the gas supply and contact the gas supplier immediately.
- DO NOT USE A NAKED FLAME to inspect for gas leaks.

#### TO LIGHT THE PILOT:

- 1) Turn "ON" the electrical supply to the heater.
- 2) Set the room temperature controller to the lowest temperature setting. If a clock control or a summer/winter switch have been fitted, turn to "ON".
- 3) Turn "ON" the main gas supply.
- 4) On the bottom rear of the heater, locate the multifunctional control valve and the Piezo ignitor knob (See Figure 1).
- 5) Depress the knob or button (See Figures 2A and 2B) on the multifunctional control valve; continue to hold the knob or button depressed while turning the knob on the Piezo ignitor.
- 6) After pilot is established, continue to depress the knob or button for 20 seconds; release slowly.

**NOTE:** On initial start-up, several attempts may be required to remove the air from the pilot gas supply line.

**WARNING:** If for any reason the pilot light goes out, allow three minutes before attempting to relight.

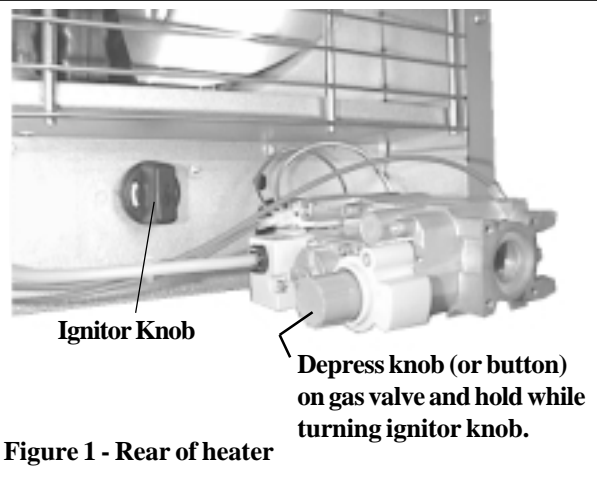
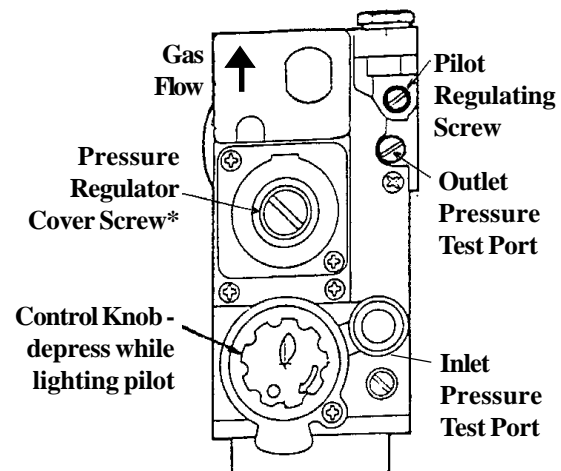
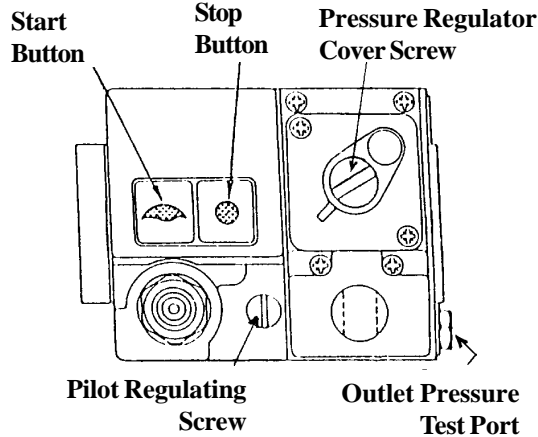


Figure 2A - Multifunctional Control Valve  
(NOTE: Size UF400 may be fitted with this valve or the valve illustrated in Figure 2B on page 2.)



\*When measuring gas pressure, do not remove screw. Loosen enough to allow gas pressure to register.)

**Figure 2B - Size UF400 Multifunctional Control Valve (NOTE: Size UF400 may be fitted with this valve or the valve illustrated in Figure 2A.)**



**TO SHUT DOWN THE HEATER FOR SHORT PERIOD:**

Adjust the room temperature controller to its lowest setting or "OFF". The fan will continue to run for a short period to cool the heat exchanger. The pilot will remain alight.

**WARNING: The electrical isolator should only be used in an emergency and should not be used for closing down the main burner, as it switches off the fan prematurely and may damage the heat exchanger, invalidating the warranty.**

**TO SHUT DOWN THE HEATER FOR EXTENDED PERIOD:**

- 1) Adjust the room temperature controller to its lowest setting or "OFF".
- 2) **Valve in Figure 2A** - Rotate the knob on the multifunctional valve in a clockwise direction (approximately 1/12 of a full rotation). **Valve in Figure 2B** - Push in and release the red stop button (marked O) on the valve.
- 3) After the fan has stopped, turn "OFF" the gas supply and the electrical supply.

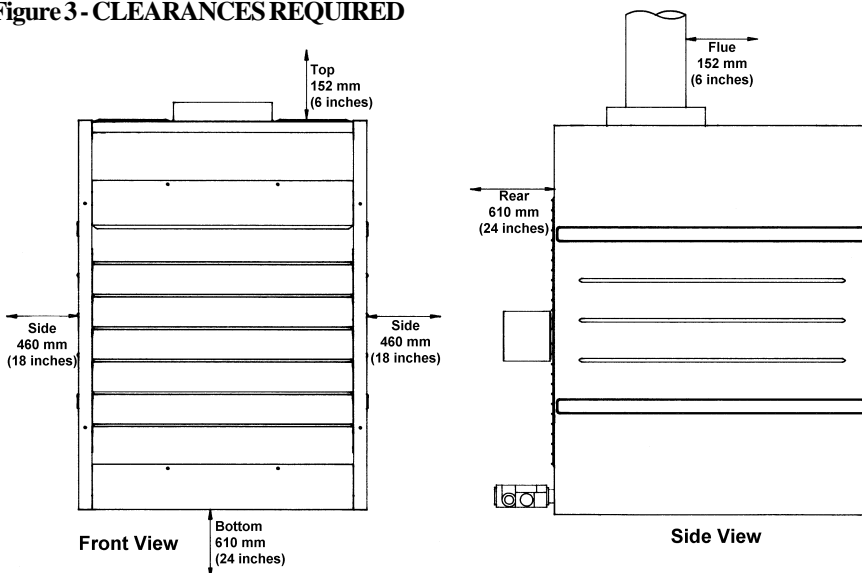
**NORMAL OPERATING SEQUENCE (pilot lighted):**

- 1) Room thermostat senses need for heat.
- 2) Main gas valve in the multifunctional control valve is energised.
- 3) Main burners are ignited by permanent pilot light.
- 4) In approximately 45 seconds, the fan control switch senses heat exchanger temperature and turns on the fan.
- 5) Room temperature control senses sufficient heat.
- 6) Main gas valve is de-energised, and main burners are extinguished.
- 7) After approximately 120 seconds, the fan control switch turns off the fan.

**MAINTENANCE AND SERVICE:**

To ensure safe and efficient operation, this heater should be serviced at least annually. It is strongly recommended that the installing heating engineer or AMBI-RAD Service Division be contacted to provide the necessary service. Retain on file a copy of the service instructions for this heater.

**Figure 3 - CLEARANCES REQUIRED**



Allow Front Clearance as follows:

Models	mm	in.
25-125	1830	72
165-250	2440	96
300-400	3050	120

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