

BLOW HEATER



SUPAGAS
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J25/33/50A

Safety Warnings and Operating Instructions

(please read all instructions carefully)

Safety Warnings

- This appliance **MUST** only be used with LPG (Liquid Petroleum Gas).
- This appliance is **NOT** designed for domestic use - **INDUSTRIAL USE ONLY**.
- This appliance **MUST** only be used in a well ventilated area.
- This appliance **MUST** be placed on firm level ground.
- Never operate the appliance on elevated structures such as platforms or scaffolds.
- **DO NOT** operate this heater in basement areas and below ground - **USE ONLY IN ABOVE GROUND SITUATIONS**.
- This appliance **MUST NOT** be used for ductwork.
- The installation and storage of LPG cylinders **MUST** be in accordance with AS/NZS 1596.
- Minimum clearances **MUST** be maintained from combustible materials: 2500mm (front) and 1250mm (top, sides and rear) e.g. Overhead structures, walls, furniture, fixtures and plants (see 'Image 1' and 'Image 2')
- **DO NOT** restrict under any circumstances either the inlet or outlet end of the appliance (see 'Image 1' and 'Image 2')
- **DO NOT** transport or move this appliance while it is operating.
- **DO NOT** store chemicals or flammable materials in the vicinity of this appliance.
- **DO NOT** spray aerosols or flammable materials in the vicinity of this appliance while it is operating.
- **DO NOT** use other ignition methods to ignite this appliance (e.g. Lighters or matches)
- **DO NOT** use the appliance in spaces which do or may contain volatile or airborne combustible particles. e.g. gasoline, solvents, paint thinners, dust particles or unknown chemicals.
- This appliance is **NOT** intended to be installed on recreational vehicles and/or boats and is **NOT** suitable for a marine environment.
- Always ensure the gas cylinder valve has been closed firmly when the heater is not in use and before disconnecting the heater.
- **DO NOT** expose the appliance to water or moisture – **MUST** be protected from rain.
- Under no circumstances should the appliance hot air be directed towards the LPG cylinder even if the cylinder is **"FREEZING"**.
- **DO NOT** pull the electrical cord in order to unplug the appliance.



WARNING

If the appliance fails to operate correctly, remove it from service and contact Supagas - **DO NOT USE OR ATTEMPT TO REPAIR.**

If the electrical cord becomes worn or damaged, remove it from service and contact Supagas - **DO NOT USE OR ATTEMPT TO REPAIR.**

Improper installation, adjustment, or alteration can cause personal injury, property damage or even death.

Running appliance on **LOW** setting for extended periods of time may cause heater to malfunction.

Operating Instructions

Before lighting the heater:

1. Ensure the heater is situated on firm level ground.
2. Place the gas cylinder(s) upright behind the heater.
3. Check the regulator fitting which screws into the gas cylinder - ensure the rubber seal is in position (end of regulator) and **NOT** cracked or damaged in any way.
4. Connect the regulator to the gas cylinder and ensure the connection is tight. (Note: this is a lefthand thread - turn counterclockwise to tighten)
5. Turn the gas cylinder valve(s) counterclockwise, two turns, to the **OPEN** position.
6. **WHERE FITTED**, turn the gas cock to the **OPEN** position.
7. Check for gas leaks by applying soapy water (with spray bottle) to the cylinder valve and all gas connections. A leak is indicated when bubbles appear in the soapy water. **DO NOT** operate a heater if a leak is detected - review cylinder connection video. If leak is still present, contact Supagas.
8. Plug the electrical cord into a mains power socket and switch on.

Turning the appliance ON: manual models (J25/J33):

1. Turn the power switch to the **ON** position - ensure the fan is rotating.
2. Push in and hold the gas button and at the same time, push the direct ignition button repeatedly until the burner ignites. Keep the gas button depressed for a further 10-15 seconds - the burner will remain lit and the heater will be in normal operation.
3. Adjust the gas flow control knob to the desired setting ('+' to increase and '-' to decrease).

Turning the appliance OFF: manual models (J25/J33):

1. Turn the gas cylinder valve(s) clockwise to the **CLOSE** position.
2. Allow the fan to run for 5 minutes for the heater to sufficiently cool down, then turn the power switch to the **OFF** position.
3. **WHERE FITTED**, turn the gas cock to the **CLOSE** position.
4. Switch off the mains power and remove the electrical plug from the mains power socket.

Turning the appliance ON: automatic model (J50A):

1. Turn the power switch to the '**I**' (**ON**) position. The ignition sequence will begin, the heater will automatically ignite and the heater will be in normal operation.
2. Adjust the gas flow control knob to the desired setting ('+' to increase and '-' to decrease).

Turning the appliance OFF: automatic model (J50A):

1. Turn the gas cylinder valves clockwise to the **CLOSE** position.
2. **WHERE FITTED**, turn the power switch to the '**II**' (**FAN ONLY**) position. Allow the fan to run for 5 minutes for the heater to sufficiently cool down.
Note: this function is only available in earlier models.
3. Turn the power switch to the '**0**' (**OFF**) position.
4. **WHERE FITTED**, turn the gas cock to the **CLOSE** position.
5. Switch off the mains power and remove the electrical plug from the mains power socket.

Note: If a J50A is started without gas supply, the heater will switch to RESET mode.

The RESET button (located to the right of the power switch) will illuminate an orange/red colour.

Ensure the gas cylinder valves are in the OPEN position and press the RESET button - the heater will ignite and be in normal operation.

Emergency Shutdown

1. Turn the power switch to the **OFF** position.
2. Turn the gas cylinder valve clockwise to the **CLOSE** position.
3. **WHERE FITTED**, turn the gas cock to the **CLOSE** position.
4. Switch off the mains power and remove the electrical plug from the mains power socket.
5. **DO NOT** operate the heater until the cause of the emergency shutdown has been identified and rectified.

Additional Information

The 'Freezing' Effect

If the heater is run continuously on full output, frost might form on the gas cylinder indicating it is starting to "**FREEZE**".

This condition is caused by excessive vapour withdrawal.

To minimize the "**FREEZING**" effect we suggest that our heaters be connected to a minimum size and quantity of gas cylinders as follows:

- J25 - 1 x 45kg cylinder
- J33 & J50A - 2 x 45kg cylinders

Please observe the following minimum clearances required from combustible materials.



Image 1

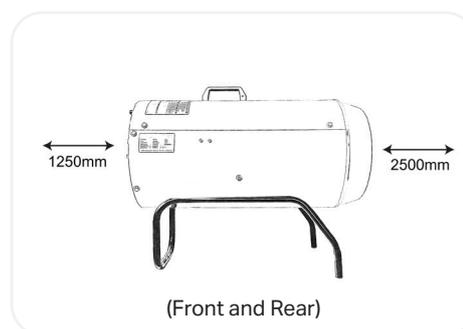


Image 2