

Blow Heater

Safety warnings and operating instructions

(please read all instructions carefully).

Safety Warnings

(use only with LP Gas)

- The appliance is not designed for indoor domestic use.
- Know how to start and stop the unit. Be familiar with the controls.
- Do not, under any circumstances, restrict the inlet or outlet ends of the heater.
- Permanent ventilation to the outside atmosphere must be provided.
- Allow a minimum room size as listed on the heater.
- The heater must not be used in close proximity to combustible materials. A guard must be placed 1 metre away from the heater outlet to prevent the approach of combustible materials.
- Under no circumstances should the heater hot air flow be directed towards the LP Gas cylinder even if the cylinder is FREEZING.
- Installation and storage of LP Gas cylinders must be in accordance with local regulations.
- Do not pull on the electrical cord in order to unplug the unit.
- Do not attempt temporary repairs on worn or damaged electrical cords and plugs. Have worn, cut or damaged cords and plugs replaced by an authorised service person/electrician.
- If the heater fails to operate correctly, contact place of hire or authorized agent for advice and service. **DO NOT ATTEMPT REPAIRS YOURSELF.**
- Local regulations should be followed as to the installation of industrial heaters.

Operating Instructions

To minimize the FREEZING effect we suggest our heaters be connected to a minimum size and quantity of LP Gas cylinders as follows:

JETFIRE 15	1 X 8.6KG CYLINDER
JETFIRE 25	1 X 45KG CYLINDER
JETFIRE 33A & 50A	2 X 45KG CYLINDER
JETFIRE 90A	3 X 45KG CYLINDER

Under no circumstances should the hot air flow from the heater be directed towards the LP Gas cylinder to avoid freezing.

WARNING: LP Gas Cylinders must be used and stored in accordance with local requirements applying to THE HIGHLY FLAMABLE LIQUIDS AND LIQUEFIED PETROLEUM GASES REGULATIONS.

Installation

1. Connect gas supply hose to 1/4 male brass connection on heater.
2. Connect gas pressure regulator POL adaptor nut to LP Gas cylinder. NOTE Connection has left hand thread.
3. Check for leaks by applying soapy water to both the LP Gas connection and where the gas supply hose connects to the heater. A leak can be determined if any bubbling occurs.
4. Connect Power Plug to Mains Power Outlet.

To Start and Use: Manual (J15, J25, J33)



1. Turn LP Gas cylinder valve in a counter clockwise direction to OPEN position.
2. WHERE FITTED turn gas cock to the Open position.
3. Turn power switch to the On position.
4. Depress the gas primer then press the piezo ignitor continually until ignition has occurred. Keep the gas primer depressed for a further 20 seconds after which the burner will remain lit and the heater will be in normal operation.
5. WHERE FITTED adjust the Gas Pressure Regulator Valve to the desired setting.

To Start and Use: Automatic (J33A, J50A, J90A)



1. Turn gas supply on at cylinder.
2. Turn gas cock to the Open position.
3. WHERE FITTED set operating temperature to the desired position on the thermostat.

Blow Heater (cont'd)

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4. Turn power switch to the Flame position. This will start the ignition cycle of the electronic flame control box which after a prepurge period of a few seconds will allow gas flow and automatically ignite.
5. WHERE FITTED adjust the Gas Pressure Regulator Valve to the desired setting.

An automatic heater will go into reset mode if attempting to start without gas supply. To restart, turn the gas supply on at LP gas cylinder(s) and press reset button (glowing red/orange) located to the right of the power switch. The heater should ignite, then be in normal operation.

To Stop: Manual (J15, J25, J33)

1. Turn LP gas cylinder valve clockwise to the OFF position (this will burn off any gas left in the line).
2. WHERE FITTED turn gas cock to the Closed position.
3. After allowing the fan to run for 60 seconds (cool-down), turn the power switch to the OFF position.
4. Remove the electrical plug from the mains power socket.

To Stop: Automatic (J33A, J50A, J90A)

1. Turn LP Gas cylinder valve clockwise to the OFF position (this will burn off any gas left in the line).
2. WHERE FITTED turn power switch to FAN position and allow to run for 60 seconds (cool-down). The heater may go into reset mode (see "To Start and Use: Automatic")
3. Turn power switch to OFF position.
4. WHERE FITTED turn gas cock to the Closed position.
5. Remove the electrical plug from the mains power socket.

To Stop (Emergency Shutdown)

1. Turn power switch to the OFF position.
2. Turn LP Gas cylinder valve clockwise to the OFF position.
3. WHERE FITTED turn gas cock to the Closed position.
4. Remove the electrical plug from the mains power socket.
5. Make sure that before restarting the heater the cause of the emergency has been rectified/removed.

Summer Ventilation

1. WHERE FITTED turn power switch to the FAN position. NOTE do not turn the Gas Supply on at the cylinder when the heater is being used as a summer ventilator.

Do not touch hot surfaces and allow heater to cool before cleaning (if required).