

This heater is approved for industrial use only.



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Blow Heater - HF15/HF20

Safety warnings and operating instructions

(please read all instructions carefully).

Guidelines of Fuel Gases:

1. This heater is intended for the use of temporary heating of buildings under construction, alteration or repair, in accordance with AS/NZ 5262 – 2011. There may be other local standards or regulations governing the use of fuel gases and heating products, of which the user should consult their local authority for advice.
2. Propane and Butane belong to odourless fuel gases. Normally gas suppliers will add an odour-making agent to help you to detect a gas leakage. However, the added odour can diminish over time. Fuel gases maybe present even though no odour exists.
3. Installation and storage of gas cylinders must be in accordance with local regulations and AS/NZS 1596- 2008.
4. To check the leakage of Propane/Butane, please use a professional gas-leakage detector or with a soap and water solution. Never check for gas leaks with a flame!
5. Propane and butane are heavier than air. This appliance should only be used in above ground situations with adequate natural ventilation, no stagnant areas and where gas leakage and products of combustion are rapidly dispersed by wind and/or natural convection. Do not operate this heater in basement areas and below ground.
6. Always maintain proper clearances from combustibile material. A minimum clearance of 2.5meters from the heater outlet and 1.25 meters from the top, sides and inlet should be observed. Never operate the appliance on elevated structures such as platforms or scaffolds.
7. The heaters should be used with a minimum 45kg gas cylinder that should comply with table 2.1 & Clause 4.7 AZ/NZS 1596:2008 the storage and handling of LP Gas
8. Table 2.1 MAXIMUM QUANTITIES FOR USAGE
Factories and warehouses, indoors 45kg per 50m² up to a maximum total quantity of 180kg per occupancy Maximum cylinder size: 45kg
Clause 4.7 STORAGE OF LP GAS CYLINDERS ON TROLLEYS
The aggregate capacity of LP Gas cylinders shall not exceed 110L.
 - Install the heater such that it is not directly exposed to water spray or rain.
 - Maximum regulator inlet gas supply pressure is 1500kPa.

WARNING

Be sure that the valve on the gas cylinder has been shut off firmly before disconnection! When changing cylinder(s), be sure that the surrounding atmosphere is free from any potential ignition sources. Should there be any gas leakage during operation, close the valve on the gas cylinder immediately, open all windows and doors to dissipate any gas with natural ventilation.

Operating Instructions:

Turning the appliance on:

1. Check the heater thoroughly for damage. Never operate a damaged heater. This includes damaged gas hose and electrical cord.
2. Be sure the heating area is adequately ventilated, free of moisture and dust and far away from any combustibile material.
3. Place the gas cylinder (for a detail specification, contact your gas supplier) behind the heater. Never place the gas cylinder in front of an operational heater.
4. Check firstly the outlet pressure of the gas regulator and gas hose according to the specification on the appliance name-plate. Do not install a kinked gas hose.
5. Screw-fasten the gas hose with regulator to the left had thread, POL type, gas cylinder valve. Ensure the connection is gas tight.
6. Screw-fasten the gas hose to the industrial blow heater gas inlet connector, located at the inlet side of the appliance. Note that this is a left hand threaded connection. Ensure the connection is gas tight.
7. Check the gas connections and turn on the gas supply valve. Test the connections for leaks with a soap water solution or leak testing kit. Never check for leaks with a flame.



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Operating Instructions (continued):

8. Plug in the extension cord to a wall socket (10Amp).
9. Press the ON-OFF switch. Let the fan motor run for at least 30 seconds to check if the fan works properly and/or to purge any remaining fuel gas.
10. Open the gas valve on the cylinder slowly. Be sure there is no gas leakage.
11. The capacity of cylinder(s) to be used should be a minimum of 9kg. It is recommended to use a 45kg cylinder(s).
12. Push in and hold the automatic gas control valve button. Simultaneously, push the piezo-ignitor button repeatedly until the burner ignites.
13. After the burner ignites, keep the gas valve button depressed for at least 5 seconds, then release. The heater will continue to operate.
14. The hose assembly shall be visually inspected prior to each use of the heater. If it is evident there is excessive abrasion or wear, or the hose is cut, it must be replaced prior to the heater being put into operation. The replacement hose assembly shall be that specified by the manufacturer and of a certified approved type.
15. The installation must conform with local codes, with location of and/or alternative locations of gas inlet connections to be as detailed in AS/NZS 1596-2008, for pipe sizing and installation details.
16. The heater must be located at least 1.5m from any propane gas container.
17. The heater discharge shall not be directed towards any ULP (Propane / Butane) gas container within 6m.
18. The cylinder supply system shall be arranged to provide for vapour withdrawal from the operating cylinder only.
19. When the heater is not in use, the gas must be turned off at the propane supply cylinder(s).
20. This appliance is NOT intended to be operated on recreational vehicles and/or boats/marine environments.
21. When the heater is to be stored indoors, the connection between the propane supply cylinder(s) and the heater must be disconnected and the cylinders removed from the heater.

Turning the appliance off (normal shutdown):

1. To switch off the heater, always close the gas cylinder valve first.
2. Allow the fan motor to continue to run for at least 2 minutes, so as to allow the heater to sufficiently cool down.
3. Switch off the motor, unplug the power cord.
4. If the heater will not be used again for a short period, disconnect the gas hose from the heater first, then disconnect the hose and regulator from the valve on the gas cylinder.

IMPORTANT

The minimum period between every repeat operation should be not less than 3 minutes!

Emergency Shutdown:

1. Turn off the power switch on the heater body.
2. Shut off the gas supply to the gas cylinder.
3. Shut off the gas valve on the heater body.
4. Remove the electric plug from the mains electric supply.
5. Do not operate heater until the cause of the emergency shutdown has been identified and remedied.

NAT-HT10 Rev 5_19032019



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