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2777 Safety Guidance HEAT FORCED AIR HEATERS v:112016

It is important to read all of this leaflet

BEFORE you use the Forced Air Heater Propane gas is highly flammable and must always be used

with great care Cylinders must not be stored in occupied



PROPANE GAS SAFETY

- Keep gas cylinders upright at all times whether in use, in store or being moved.
- Propane cylinders should not be kept or stored below ground level. The gas is heavier than air and will collect at the lower level if there is a leak.
- Propane gas cylinders must not be used or stored inside a building, even when they appear to be empty.
- If a gas leak is suspected, turn off the heater using the control tap. Put out any naked lights or other sources of ignition. Ventilate the area by opening windows,
- Never look for a leak with a naked flame this is extremely dangerous. Use soapy
- 6 If the cylinder is leaking, call the fire brigade and evacuate the area.
- Do not attempt to repair any suspected leaks. Contact the hire company
- In some conditions, frost may form on a gas cylinder that is in use. This indicates that the cylinder is not big enough to provide the flow of gas being used. Contact the dire company.
- Do not try to warn the cylinder to remove the frost. Take care when handling a frosty cylinder as the cold can cause 'frost burns'.
- 10. Handle cylinders carefully when moving them. Do not drop them off vehicles get an assistant to help lower them safely
- 11. Keep unused and empty cylinders away from heat at all times.

Keep this leaflet safe as it may be required for reference at a future date







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13. Check that the valve handwheel is turned fully clockwise to the OFF position. Contact the hire company immediately.

14. If the heater does not work properly, do not by to repair or adjust it. Contact the hire company.

11. Cheek that the threaded connection on the regulator is clear and underanged. Centrulity fit the connector by hand if the connector by hand — it is connector by hand — it has a left hand thread. When the connector is threaded property, of it up hand han, alpha, then tighten fully using the cornect spanner.

12. If it is suspected that the eviluate connection is not gas tight, do not try to light the heater. Is not gas tight, do not try to light the heater. 10.Fit to the empty cylinder any plastic protective plug kept from the new cylinder.

8. Check that the valve connection on the new Cylinder is the same as the one on the old cylinder is the same as the one on the old cylinder, and that the hadeads are undamaged. This could be very dangerous. Refit the old this could be very dangerous. Refit the old cylinder, and contact the hire company.

9. If the valve connections are the same, move the empty cylinder to a set lo cation. Position the empty cylinder will be ease of the haden training the may are the same to the empty cylinder will be heat, but without araining new cylinder will be heavier than the empty one.

Take any plastic protective plug out of the valve on the new cylinder and save it for refitting to the old cylinder compaging to the year.

"ut the regulator assembly to one side, taking assembly, to one side, taking rasembly, as a second of the total state of the to

Make sure that there are no naked flames nearby, and that the room is well ventilated. 5. Switch the fan off. Unscrew the regulator connection union using the correct spanner. This union has a left hand thread. This union has a left hand thread. By the per equality assembly to one side, sleking.

Wait until the flame has gone out completely.

Wait until the flame does not go out, call the hire company immediately.

Whith the flame out, allow the heater to run on the flame out, allow the heater to cool far only for a few minutes in order to cool down.

Turn the heater off by turning the handwheel on the cylinder valve fully clockwise to the OFF position.

CHANGING THE GAS CYLINDER

stored safely away.

2. Ensure the fan awlich on the heater into the awlichhed to off. Plug the heater into the appropriate electrical supply.

3. Switch the fan on.

7. The gas cylinders are not required, make sure all valves are turned off and the cylinders **USE AS A VENTILATOR**

2. Allow the heater to run on fan only for a few minutes until it has cooled down.

3. Switch the fan off, and unplug.

Into the handwheel on the gas cylinder valve clockwise to the OFF position. STOPPING THE HEATER

6. After about 30 seconds, when the safety cut-out device has heated up, you can release the pilot valve button.
7. If the burner has not lit, wait for 1 minute before trying againt from instruction 5 above.
21OPDING THE HEATER

allows the safety cut-out device to come into operation.

Continue to hold the pilot valve button in. 5. Press and hold the pilot valve button, and then push the ignition button until it clicks.

LIGHTING THE HEALEH

1. Check instal there is nothing in front of the heater that could catch fire. Do not lean over the heater which on the heater is swritched to off. Plug the heater into the appropriate electrical supply.

3. Ensure the fan supply.

3. Environment off. Plug the heater into the appropriate electrical supply.

4. Turn the handwheel on the gas cylinder valve anti-clockwise to the ON position.

5. Press and hold tiple plicit valve button, and then are personned.

LIGHTING THE HEATER

5. The extension cable connections should be dry and safe.

3. If an extension cable is necessary, follow any special instructions given by the hite company, if the hite company is a fixed by a fixed by the hite company is a fixed by the hite company is a fixed beat instructions, only a suitable raided beat, no longer than 50 metres (160 feet). The extension cable should be being it directly into the road confully soulding liquids, sharp adges, the people instruction is a fixed by the strength of the confusion cable should be laid out carefully soulding liquids, sharp adges, the extension cable should be laid out the people in t









Electricity can be hazardous and must always be used with This heater is designed to provide a flow of heated air for

general heating of farms, warehouses, factories and other large buildings. It can also be used to circulate air as a means of cooling and ventilation. The heater must not be used where there is a fire risk from combustible materials, or

Forced Air Heater

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

- flammable liquids and gases. Make sure there is no paper or other light, flammable materials that can get drawn towards the heater by the air flow. Heated air and direct radiant heat from the heater can damage nearby objects as well as
- presenting a fire risk. Make sure that there are no objects near enough to the heater to get
- Plan the use of the heater so that it can always be used safely. Do not leave it unattended if there is any risk of fire or burns to persons.
- This heater must not be lit, moved or adjusted, and the gas cylinder must not be changed, by minors, or anyone under the influence of drugs or alcohol.
- This heater is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.
- A residual current device (rcd) will be needed for 230v heaters













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according to the instructions supplied with it 2. Use the 'TEST' button to check that the red is working each time it is used. Reset the red

Use a residual current device (rcd) plugged machine into the C30v socket. Plug the against electric shock if the cable or machine gelas damaged.

(Square Pin or Blue Plug) 230 VOLT MACHINES

4. The extension cable connections should be dry and safe.

2. The extrement are desiration and after the MEGINIE.

2. The extreme abole should be laid out carefully avoiding liquids, sharp edges, doorways or windows where it might be tapped, and places where where it will will over it. I should be fully unrolled or it will overheat and could catch fire.

4. The extension cable connections should be 4.

Lif an axiension cable is necessary, follow any special instructions given by the hire company. If the hire company have not given by the hire say special instructions, only a suitably raited heavy duty 11'do exhemion cable should be used, no longer than 50 metres (160 feet). The extension cable must only be used between the transformer and the machine. If the extension cable should be laid out

If a portable transformer is being used, prug the transformer directly into the 230 volt socket. Do not use any 230 volt extension socket.

110 VOLT MACHINES (Yellow Plug)

The heater will only operate on one voltage; if will be 110v or 230v. 110v machines will have a will be 110v or 230v. 110v machines will have a blue industrial plug fitted. 230v machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for the heater.

ELECTRICAL SAFETY

Never move the heater while it is lit.

Make sure that all of the controls are understood. Before lighting the heater, it unust be known how to turn it off.

uire company. adequate supply of gas and prevent frost forming on the cylinders. Check with the hire company.





if the heater is intended to be left on for long periods at high output, mo or more 47kg propane cylinders should be interconnected. This will ensure the

winker sure the Dack of the Netterla to loose items will block the fan intertract no loose items will block the fan interbut the heater in the position that it is intended to be used before connecting the intended to be used before so gas cylinder. They have is no gas cylinder in the heater id to be left unattended in an it the heater id to be left unattended in an persons barners will be needed to keep people at a said distance.

Make sure the back of the heater is clear and

improvised.

Clothes or other material must not be placed.

Clothes or other material must not be placed on the heater or directly in front of it.

Ensure there is no burnable material such as table to or paper near the heater where it may able to or paper near the heater of the centre of the paper of the materials. Recing into the centre of the materials, facing into the centre of the materials. Recing into the centre of the materials and the materials. The six blast will disturb papers and other nearly six and the place of the materials.

Check that the gas regulation on the machine and the valve on the cylinder. This connection has a left hard thread. Connection has a left hard thread or improvised.

Check the heater, including mains cables, gas hoses and cylinders. If anything is found to be damaged, do not use the bound to be damaged, do not use the reater; contact the hire company.

FORCED AIR HEATER

inconcrea by the heat and presence; cut of the heat and air plast from this period are of the heat and air plast from the heater is to be left unstituted in an income presence or amail rooms. The heater is to be left unstituted in an the heater is to be left unstituted in an area where there may be children or the heater is to be left unstituted in an inconcious and in the heater is to be left unstituted in the heater is a said and in concious and in the heater is a said and in the heater in the heater is a said and in the heater in the heate

Ventilation in the space to be heated will also reduce the amount of condensation produced by the heater.

The Anther is a fire its heater where is a fire itsk from combustible materials, or flammable liquids and gases.

If must be ensured that the heater is only used in spoces where there is an adequate such the graces of the three is an adequate such it has incomplete or thesh air. If the gas will not burn properly of treat from this incomplete combustion are very dangerous.

WORK AREA