



For guidance on managing construction health risks go to







1303 Safety Guidance



LIGHTING THE HEATER (...continued)

- 6. After about 30 seconds, when the safety cut-out device has heated up, the pilot valve button can
- If the burner fhas not lit, wait for 1 minute before trying again from step 4 above

STOPPING THE HEATER

- Turn the handwheel on the gas cylinder valve clockwise to the OFF position.
- Allow the heater to run on fan only for a few minutes until it has cooled down.
- Switch the fan off and unplug.

CHANGING THE GAS CYLINDER

- Turn the heater off by turning the handwheel on the cylinder valve fully clockwise to the OFF
- Wait until the flame has gone out completely. If the flame does not go out, call the hire company mmediately.
- With the flame out, allow the heater to run on fan only for a few minutes to cool down.
- Ensure there are no naked flames nearby and the room is well ventilated
- Switch the fan off. Unscrew the regulator connecting union using the correct spanner. The union has a left hand thread.
- Put the regulator assembly to one side, taking care not to damage the hose and union assembly. Take any plastic protective plug out of the valve on the new cylinder and save for refitting to the
- Check the valve connection on the new cylinder is the same as the one on the old cylinder and the threads are undamaged. If it is different do not try to fit the new cylinder. This could be very dangerous. Refit the old cylinder and contact the hire company.
- If the valve connections are the same, move the empty cylinder to a safe location. Position the new one to the side of the heater where it will be clear of the heat, but without straining the gas hose. Remember to take care - the new cylinder will be heavier than the empty one.
- 10. Fit to the empty cylinder any plastic protective plug kept from the new cylinder. Check the threaded connection on the regulator is clean and undamaged. Carefully fit the
- connector by hand it has a left hand thread. When the connector is threaded properly, do it up hand tight, then tighten fully using the correct spanner.
- 12. If the cylinder connection does not appear to be gas tight, do not try to light the heater.
- 13. Check 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 try to repair or adjust it. Contact the hire company. Please keep this leaflet safely as it may be required for future reference







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(Continued overleaf...)

come into operation. This allows the safety cut-out device to Continue to hold the pilot valve button in. then push the ignition button until it clicks. Press and hold the pilot valve button valve anti-clockwise to the ON position. Turn the handwheel on the gas cylinder

Switch the fan on and let it urn up to speed. eater when starting it. that could catch fire. Do not lean over the

Check there is nothing in front of the heater Otherwise, follow the instruction

the hire company has given special instructions for the heater, follow them. procedure for most forced air heaters. This section describes the starting **ЯЭТАЭН ЭНТ ЭИІТНЭІ**Т

Ensure the extension cable connections Onroll the cable fully or it may overheat and

windows where it may become trapped and places where vehicles may run over it. oiding liquids, sharp edges, doorways or Lay out the extension cable carefully directly into the RCD.

suitably rated heavy dute extension cable no longer than 50 metres (160 feet). Plug it



working each time it is used. Reset the RCD according to the instructions supplied with Use the "TEST" button to check the RCD is



the cable or machine is against electric shock it this will help protect The machine into the RCD plugged directly into the 230v socket. Plug Use a residual current device ("HCD") (залуче ый ой веле реца)

230 VOLT MACHINES

Fuznie any extension cable connections are

Unroll it fully or it may overheat and catch avoiding liquids, sharp edges, doorways or windows where it might be trapped and places where vehicles may run over it. Lay the extension cable out carefully between the transformer and the machine. extension cable must only be used suitably heavy duty 110v extension cable no longer than 50 metres (160 feet). The hire company. If the hire company has not given any special instructions, use a follow any special instructions given by the If an extension cable is required to be used,



230v extension cables. 530v socket. Do not use any transformer directly into the lf using a transformer, p əuı 6n_ld роизріе

110 VOLT MACHINES (YELLOW PLUG)

ndustrial one. Head the instructions below for square pin (domestic) plug fitted or a blue titted. 230v machines will have either a tused will have a yellow industrial plug and to the plug fitted to the heater, either: 1 Tuv ensure that it is set to match the su It the heater is fitted with a voltage selector

ELECTRICAL SAFETY













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.

It is important to read this entire leaflet **BEFORE** using the Forced Air Heater

- 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
- Propane gas is highly flammable and must always be used with great care. Cylinders must not be stored in occupied domestic
- Electricity can be hazardous and must always be used with great
- The heater is designed to provide a flow of heated air for general heating of warehouses. factories and other large open spaces.
- The heater must not be used where there is a fire risk from combustible materials or flammable iquids or gases. Ensure 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. Ensure there are no object near enough to the heater to get hot.
- The heater must not be lit, moved or adjusted and the gas cylinder must not be changed by minors or by anyone under the influence of durgs or alcohol.
- The heater is designed for operation by an able bodied adult. Anyone with either a temporary of permanent disability should seek expert medical advice before using the machine.
- A residual current device (rcd) will be required for 230v heaters.

PROPANE GAS SAFETY

- Keep gas cylinders upright at all times whether in use, in store or being moved.
- Propane gas cylinders should not be stored inside a building, even when they appear to be













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cep people at a safe distance. persons, barriers will need to be erected to area where there may be children or infim If the heater is to be left unattended in an

intended to be used before connecting the gas cylinder. Check there is no gas Put the heater in the position that it is

there are no loose items that will block the Ensure the back of the heater is clear and

light materials. Ensure there is nothing The air blast will disturb papers and other space to be neated.

as fabric or paper near the heater where it may get hot. The heater is best positioned Ensure there is no burnable material such the heater or directly in front of it.

Do not place clothes or other material on rry to torce connections or improvise them. connection has a left hand thread. Do not Check the gas regulator on the heater matches the valve on the cylinder. This eater; contact the Hire Company.

onud to be damaged, do not use the gas hoses and cylinders. Cueck rue nearer including mains capies,

The heater is not suitable for use in broduced by the neater. Ventilation in the space to be heated will combustion are very dangerous.

pecanze of the neat produced and air blast.

occupied domestic premises or small room

burn properly. Fumes from this incomplete a good supply of fresh air, the gas will not supply of fresh air. If the heater does not get Ensure the heater is only used in spaces where there is adequate ventilation or a

sammable liquids and gases. nom combustible materials or Do not use the heater where there is a fire

WORK AREA

Keep unused and empty cylindersd away

- ask tor assistance to lower them safely. them about. Do not drop them off vehicl Handle cylinders carefully when moving cylinder as the cold can cause trost burns.

Do not try to warm the cylinder to remove rue une company. the flow of gas that is being used. Contact gas cylinder that is in use. This indicates the cylinder is not big enough to provide

In some conditions, frost may form on a ımmediately. Contact the hire

Do not attempt to repair any suspected and evacuate the area. If the cylinder is leaking, call the fire brigade

rnis is aiways extremely dangerous. Use Never look for a leak with a naked flam

ventilate the area by opening windows or naked lights or other sources of ignition If a gas leak is suspected, turn off the heater using the control tap. Put out any paked lights or other sources of imiliar

PROPANE GAS SAFETY (...continued)

Before lighting the heater - know now to 10. Ensure you understand all of the controls. Never move the heater while it is lit.

ylinder in the heated airstream.

rearby that could be drawn towards the

from walls facing into the centre of the

FORCED AIR HEATER







