

## ventilate the area by opening windows or naked lights or other sources of ignition It a gas leak is suspected, turn off the heater using the control tap. Put out any 33 (beunitnos...) YTAAR SAB ANAQORG

- Never look for a leak with a naked flam .4 qools.
- oapy water. της is aiways extremely dangerous. Use
- Do not attempt to repair any suspected and evacuate the area. If the cylinder is leaking, call the fire brigade
- 2 immediately. Contact the hire бака
- gas cylinder that is in use. This indicates the cylinder is not big enough to provide In some conditions, frost may form on a
- the hire company. the flow of gas that is being used. Contact
- the frost. Take care when handling a frosty Do not try to warm the cylinder to remove
- Handle cylinders carefully when moving cylinder as the cold can cause troat burns.
- them about. Do not drop them off vehicl
- Keep unused and empty cylindersd away :01 · ask tor assistance to lower them sately.
- heat at all time
- Do not use the heater where there is a fire **AARA XROW**
- sesseg bns sbiupil eldemme TO SIGNALIDIE MARCHARS OF **NSI**
- Ensure the heater is only used in spaces where there is adequate ventilation or a **'**Z
- a good supply of trean air, the gas will not supply of fresh air. If the heater does not get
- combustion are very dangerous. burn properly. Fumes from this incomplete
- Ventilation in the space to be heated will
- ulso reduce the amount of condensation
- broduced by the heater.
- The heater is not suitable for use in

(Continued overleaf...)

ent and Statutory Instruments

VP Hire Station

v:102017

- occubied domestic premises or small room

## pecause of the heat produced and air blast.

**3YT TEB Iludilos** 



6

.8

.,

.9

·t

3

**'**Z

turn it off.

tan inlet.

space to be neated.



Before lighting the heater - know how to

persons, barriers will need to be erected to

area where there may be children or intim

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

rearby that could be drawn towards the

light materials. Ensure there is nothing

The air blast will disturb papers and other

as tabric or paper near the heater where it may get hot. The heater is best positioned

Ensure there is no burnable material such

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

ound to be damaged, do not use the

Check the nearer including mains cables,

If anything

Before Starting Work...

the heater or directly in front of it.

eater; contact the Hire Company.

gas hoses and cylinders.

**FORCED AIR HEATER** 

from walls facing into the centre of the

10. Ensure you understand all of the controls.

Never move the heater while it is lit.

cep people at a safe distance.

ylinder in the heated airstream.

1303 Safety Guidance

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

minors or by anyone under the influence of durgs or alcohol.

A residual current device (rcd) will be required for 230v heaters.

factories and other large open spaces.

towards the heater by the air flow.

PROPANE GAS 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.

The heater is designed to provide a flow of heated air for general heating of warehouses.

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

Heated air and direct radiant heat from the heater can damage nearby objects as well as

The heater must not be lit, moved or adjusted and the gas cylinder must not be changed by

The heater is designed for operation by an able bodied adult. Anyone with either a temporary of

Propane gas cylinders should not be stored inside a building, even when they appear to be

presenting a fire risk. Ensure there are no object near enough to the heater to get hot.

permanent disability should seek expert medical advice before using the machine.

Keep gas cylinders upright at all times - whether in use, in store or being moved.

## 44 (0) 121 333 4109

©Copyright Hire Association Europe April 2011

Any unauthorised reproduction – manually or electronically – is STRICTLY prohibited

.6

3

3

.woied

2450 Regents Court The C lihull B37 7YE

come into operation.

eater when starting it.

**ИЗТАЗН ЗНТ ЭИТНЭЦ** 

directly into the RCD.

instructions use only a

the hire company has not

by the hire company. It

special instructions given

required follow any

If an extension cable is

the cable or machine is

against electric shock it

this will help protect

DOR ent of the machine into the RCD

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.

## 3 CHANGING THE GAS CYLINDER

LIGHTING THE HEATER (...continued)

Turn the heater off by turning the handwheel on the cylinder valve fully clockwise to the OFF 1.

For guidance on managing

construction health risks go to www.hse.gov.uk/construction 1.

2

3.

4

5.

6.

7.

8

٥

2.

empty.

persons

nremises

care

osition Wait until the flame has gone out completely. If the flame does not go out, call the hire company 2.

After about 30 seconds, when the safety cut-out device has heated up, the pilot valve button can

- mmediately.
- з. With the flame out, allow the heater to run on fan only for a few minutes to cool down.
- 4 Ensure there are no naked flames nearby and the room is well ventilated
- 5 Switch the fan off. Unscrew the regulator connecting union using the correct spanner. The union
- has a left hand thread. 6. Put the regulator assembly to one side, taking care not to damage the hose and union assembly.
- 7. Take any plastic protective plug out of the valve on the new cylinder and save for refitting to the
- old cylinder. 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
- 8. 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 9
- 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 11. 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.



e.org.uk

www.hae.org.uk

plugged directly into the 230v socket. Plug

Use a residual current device ("RCD")

μυαικό αυλ εχτευείου 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

s"h

əui

portable

will have a yellow industrial plug

If an extension cable is required to be used,

ɓnjd

ndustrial one. Read the instructions below for

square pin (domestic) plug fitted or a blue

titted. 230v machines will have either a tused

and to the plug litted to the heater, either: 110v

It the heater is fitted with a voltage selector

ensure that it is set to match the su

(золяяе рій ок всие ргид)

230V extension cables.

lf using a transformer, p

**ELECTRICAL SAFETY** 

230v socket. Do not use any

transformer directly into the

110 VOLT MACHINES (YELLOW PLUG)

**230 VOLT MACHINES** 

Juy and

TILG.

·•

.S.

- 11





be released.

(...ìsəhəvo bəuniinoO)

иәліб s

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.

that could catch fire. Do not lean over the

Check there is nothing in front of the heater

the hire company has given special instructions for the heater, follow them.

procedure for most forced air heaters.

This section describes the starting

Ensure the extension cable connections

Unroll the cable fully or it may overheat and

windows where it may become trapped and places where vehicles may run over it.

Lay out the extension cable carefully

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

special

working each time it is used. Reset the RCD according to the instructions supplied with

Use the "TEST" button to check the RCD is

ከ

- The second

voiding liquids, sharp edges, doorways or

Otherwise, follow the instruction

6.

1.

2