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1304 Safety Guidance
PARAFFIN v:122016

Frank Key. PLANT & TOOL HIRE

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 all of this leaflet BEFORE you use the Forced Air Heater

1. Red diesel/kerosene are flammable take care not to cause a fire.
2. Electricity can be hazardous and must always be used with great care.
3. This heater is designed to provide a flow of heated air for general heating in warehouses, factories and other large open spaces.
4. The heater must not be used where there is a fire risk from combustible materials, or 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.
5. 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 hot.
6. 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.
7. This heater must not be lit, moved or adjusted, and the fuel tank must not be refilled, by minors, or by anyone under the influence of drugs or alcohol.
8. This heater is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
9. You will need a residual current device (rcd) for 230v heaters.

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WORK AREA

1. Do not use this heater where there is a fire risk from combustible materials, or flammable liquids and gases.
2. You must make sure that the heater is only used in spaces where there is adequate ventilation or a supply of fresh air. If the heater does not get a good supply of fresh air, the fuel will not burn properly. Fumes from this incomplete combustion are very dangerous.
3. Ventilation in the space to be heated will also reduce the amount of condensation produced by the heater.
4. Because of the heat and air blast from this heater it is not suitable for use in occupied domestic premises or small rooms.

FORCED AIR HEATER

1. Check your heater, including its electric cables and the red diesel/kerosene tank. If anything is found damaged, do not use the heater: contact the hire company.
2. Do not place clothes or other material on the heater or directly in front of it.
3. Make sure there is no burnable material such as fabric or paper near the heater where it may get hot.
4. The heater is best positioned away from walls facing into the centre of the space to be heated.
5. The air blast will disturb papers and other light materials. Make sure there is nothing nearby that could get drawn towards the heater.
6. Make sure the back of the heater is clear and that no loose items will block the fan inlet.
7. Put the heater in the position that you intend to use it before you switch it on.
8. Never move the heater while it is lit. 13. If the heater is to be left unattended in an area where there may be children or infirm persons you will need to put barriers up to keep people at a safe distance.
9. Make sure that you understand all of the controls. Before you light the heater, you must know how to turn it off.

ELECTRIC MODEL

ELECTRICAL SAFETY

If your heater is fitted with a voltage selector switch, make sure that it is set to match your supply, and to the plug fitted to the heater, either: 230 volt: blue industrial plug or a fused square pin (domestic) plug; 110 volt: yellow industrial plug. Read the instructions below for your heater.

110 VOLT HEATERS (YELLOW PLUG)

1. If you are using a portable transformer, plug the transformer directly into the 230 volt socket. Do not use any 230v extension cables.

2. If you need to use an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). You must only use an extension cable between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
4. Make sure that any extension cable connections are dry and safe.
5. Make sure that any extension cable connections are dry and safe.

230 VOLT HEATERS (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device ("rcd") plugged directly in to the 230volt socket. Plug your machine into the rcd. This will help to protect you against electric shock if the cable or machine get damaged.

2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
3. If you need an extension cable, follow any special instructions given by the hire company. If the hire company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.

4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

Before Starting Work...

RED DIESEL/KEROSENE MODEL

REFUELLING

1. No smoking.
2. Switch off the motor and allow the fan to cool the heater for a few minutes before refuelling. Do not spill fuel on to the hot parts of the heater.
3. If possible move the heater outside or to a safe place to refill the fuel tank.
4. You must only use red diesel/kerosene to refuel. You must never use petrol or any other fuel - this would cause a serious accident and fire.
5. Use a funnel. Do not spill any fuel on yourself or the heater.
6. Wipe any fuel off the heater. Dispose of any fuel soaked cloth carefully.
7. If you spill any fuel on the ground, wipe it up, take care to clean it thoroughly if it is spilt inside the building. Do not relight the heater over spilt red diesel/kerosene.
8. If you spill any fuel on your clothes, change them straightaway.
9. Put all fuel caps back on properly, and move your fuel can to a safe cool place.

LIGHTING THE HEATER

1. This section describes the starting procedure for most forced air heaters. If the hire company has given you special instructions for your heater, follow them. Otherwise, follow the instructions given below.
2. Check that there is nothing in front of the heater that could catch fire. Do not lean over the heater when starting it.
3. Switch the motor to the run position. The burner will ignite automatically once the fan is running.
4. If the burner does not light after a few seconds, switch off and contact the hire company.

STOPPING THE HEATER

1. Switch the motor to the off position. This will stop the flow of fuel and extinguish the burner.
2. The fan may continue to run automatically for a few minutes until the heater has cooled down.
3. Switch the fan off, and unplug.
4. Switch the heater off, unplug, and make sure the heater is safe if you are not using it for a while.
5. If your heater does not work properly, do not try to repair or adjust it. contact the hire company.
6. You may want to read this leaflet again please keep it until you have finished using the heater.

Please keep this leaflet safely as it may be required for future reference

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