

# FAN HEATER (110/230v)

## SAFETY PRECAUTIONS & WARNINGS

**It is in the interests of those operating this equipment, and for the safety of others, that these SAFETY PRECAUTIONS & WARNINGS are carefully read and understood before operating this equipment.**

## PURPOSE

1. This equipment is designed to generate blown heated air for heating and drying purposes.

## PERSONAL SAFETY

2. This equipment is designed for operation by an able bodied adult. Anyone with either temporary, or permanent disability must seek expert advice before using it. It must not be operated by minors, or by anyone under the influence of drugs or alcohol.
3. Before attempting to operate this equipment you must familiarise yourself with the equipment, its controls and operating characteristics.
4. Before starting your work, think and plan ahead to ensure you, and others around you, will be working in a safe environment.
5. With regard to electrical safety implications when using this equipment, see the section on 'ELECTRICAL SAFETY' below.

## ELECTRICAL SAFETY

6. The operating voltage of fan heaters may be either 110v (yellow industrial plug connector) or 230v (square pin or blue plug connector).

### 110v HEATERS (Yellow Plug)

7. Only use a portable transformer and only plug the transformer directly into the 230v socket.
8. Only suitably rated, heavy-duty 110v extension cable, not longer than 50m (160ft), must be used between the transformer and the equipment. Do not use 230v extension cables.
9. When routing the extension cable, avoid immersion in liquids and trapping the cable in windows, doorways and other areas that could cause damage to the cable. Avoid laying the cable in areas that are subject to traffic. Ensure all connections are kept dry.

### 230v HEATERS (Square Pin or Blue Plug)

10. To safeguard against electrical shock, always connect the equipment into a residual current device (RCD) that in turn is connected to a 230v socket.
11. Before using the equipment, press the 'RED' test button on the RCD to ensure that it is working. Re-set the RCD according to the instructions provided.
12. Only suitably rated, heavy-duty 230v extension cable, not longer than 50m (160ft), must be used between the mains (RCD) and the equipment.
13. When routing the extension cable, avoid immersion in liquids and trapping the cable in windows, doorways and other areas that could cause damage to the cable. Avoid laying the cable in areas that are subject to traffic. Ensure all connections are kept dry.

## OPERATING AREA SAFETY

14. Before commencing using the equipment, ensure that the area you are to operate the equipment in is a safe environment.
15. Make sure that the area is clear of obstructions and hazards (projections, cables, pipes, etc.).
16. The equipment must be sited on firm, level ground and as far away from people as possible, do not allow people stand in front of the equipment.
17. Site the heater in well-ventilated areas and away from walls. Ensure the heater is sited clear of flammable materials.
18. Do not use this equipment where there is a danger of igniting fumes from petrol, or gas cylinders.

## BEFORE OPERATING THE EQUIPMENT

### SAFETY CHECKS

19. Visually inspect the equipment for serviceability (completeness, signs of damage, undue wear, etc.). Do not use the equipment if found damaged or worn - contact the hire company immediately.
20. Before attempting to operate the equipment, familiarise yourself with the equipments controls. Make sure you understand their purpose and function.
21. The heat generated from this equipment may cause burn damage or form a fire risk. Therefore ensure that it is kept at a safe distance from flammable materials (e.g. clothes, paint, paper, flammable liquids, etc.), other similar objects and people (children, the old and the infirm). If necessary, place a safety fire screen in front of the heater.
22. Site the heater away from walls facing the area to be heated. It must be sited in a well-ventilated area. Ensure the heaters air intakes are not covered or blocked.
23. Before you start the equipment, you must know how to switch it 'OFF' in an emergency.
24. Do not attempt to move the equipment whilst it is alight. Switch it 'OFF' before moving.
25. Do not attempt to use this equipment in raining or wet environment.
26. Do not cover, or place anything on top, or immediately in front, of the heater.
27. After a period of use the external surfaces of the heater may become hot – do not touch.

## OPERATING THE EQUIPMENT

### SWITCHING THE HEATER 'ON'

**Note: If the hire company has issued with special instructions for this particular heater, follow them. If not, follow the instructions below.**

28. Connect the electrical power lead to an electrical socket and switch 'ON'.
29. Turn the heaters operating switch to the 'ON' position.
30. Using the temperature control knob, select the desired heat setting .
31. Select the desired fan speed.

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**SWITCHING THE HEATER 'OFF'**

32. Turn the heaters operating switch to the **'OFF'** position.
33. Turn **'OFF'** the fan speed switch.
34. Allow the heater to cool-down before re-siting the heater.

**SECURITY & MAINTENANCE**

35. Visually check the condition of the equipment (the heater, electrical cable and connections) at the start of each day.
36. If the equipment operates erratically, or incorrectly, do not use and do not attempt to repair it. Inform the hire company.
37. Periodically clean the equipment to ensure it is free from dust, dirt and other debris.
38. When the equipment is left unattended for long periods (i.e. overnight), ensure it is made secure to prevent unauthorised use or loss.

**COLLECTION & PICK-UP**

39. For safety reasons this equipment requires you to use a **VAN** or an **ESTATE**.

