

USER GUIDE



3KW FAN HEATER



WARNINGS

GENERAL SAFETY

- This equipment should only be used by a competent person who has read and fully understood these instructions.
- Never operate this equipment if you are ill, feeling tired, or are under the influence of alcohol or drugs.
- Always switch OFF and unplug the equipment when not in use.
- Check condition of the equipment before use. If unit is showing signs of damage, contact your supplier immediately.



- Failure to follow these instructions may result in risk of personal injury or damage to the equipment.
- Damage due to a failure to follow these instructions will invalidate the warranty.
- The appliance must be commissioned & serviced by qualified engineers in compliance with local regulations.
- There are no user controls inside the appliance casing.
- Do not place anything on top of the appliance.
- Do not use near water, for example in the vicinity of pool, bath or shower.
- An air gap of at least 300mm should be allowed at the rear of the unit to ensure a clear airflow. Do not site the unit close to soft fabrics or combustible materials.
- Allow the unit to cool by running fan only for a minimum of 5 minutes before switching off.
- Do not disconnect the appliance from the supply under load.
- For internal use only. Do not use out of doors.
- Extension cables should be correctly rated for the load, fully unwound and never run through water or over sharp edges.
- In order to avoid overheating – do not cover the heater.
- The appliance must be switched off and disconnected from the power supply before any maintenance or remedial work is carried out on it.

Specifications:

- The FF3R is a single phase industrial electric fan heater. It is supplied as a 230v machine or a 110v machine.
- The 230v appliance is connected to a 13Amp 50Hz power supply and comes fitted with the appropriate UK mains plug.
- The 110v 3kW appliance is connected to a 32Amp 110v 50Hz supply and comes fitted with the appropriate plug.
- The 110v 1.5kW appliance is connected to a 16Amp 110v 50Hz supply and comes fitted with the appropriate plug.
- The FF3R is fitted with a high quality axial fan motor.
- The FF3R is fitted with an internal thermostat as standard.
- *If connecting a 110v machine to a transformer, please ensure it is CONTINUOUSLY RATED.

Setup and operation:

To start:

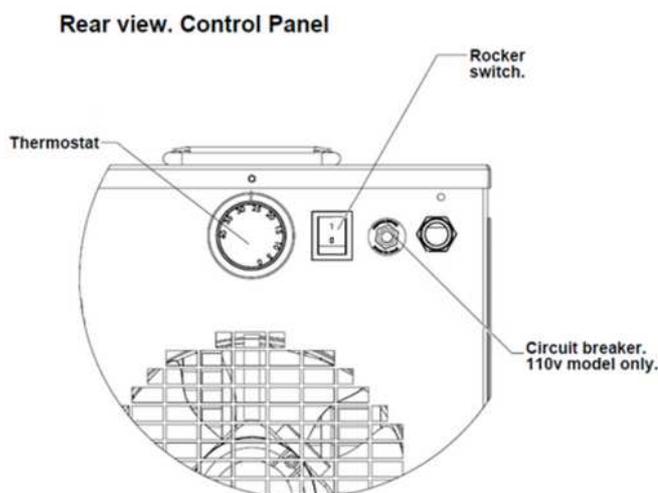
- Please note! The control panel is at the rear of the appliance.
- Site the appliance on a firm level surface.
- Connect to the appropriate power supply.
- Switch the rocker switch to I.
- Set the thermostat to the desired temperature.

To stop:

- Turn the thermostat fully anti-clockwise and allow the fan to run for a minimum of five minutes to cool the machine. Failure to follow this procedure will damage sensitive components and invalidate the warranty.
- Switch the rocker switch to 0 when the heat has dissipated.
- If the heater is not in regular daily use, disconnect from the power supply.

Protective /safety devices:

- • The FF3R is fitted with a safety limit thermostat. Should the maximum design operating temperature be exceeded, it will shut down the heating element and leave the fan running. This device will automatically reset as the temperature reduces.



TROUBLE SHOOTING

| FAULT | POSSIBLE CAUSE | SOLUTION |
|--------------------------------|--|--|
| NO HEAT OUTPUT. | FANS AND OR HEATING NOT SWITCHED ON. | CHECK ALL SWITCHES ARE ON. |
| | THERMOSTAT INCORRECTLY SET. | TURN THERMOSTAT KNOB FULLY CLOCKWISE. |
| | POWER SUPPLY INTERRUPTED. | CHECK POWER SUPPLY. |
| | FAULTY ROCKER SWITCH. | CHECK SWITCH AND REPLACE IF NECESSARY. |
| | FAULTY THERMOSTAT. | CHECK THERMOSTAT AND REPLACE IF NECESSARY. |
| | FAULTY SAFETY LIMIT THERMOSTAT. | CHECK THERMOSTAT AND REPLACE IF NECESSARY. |
| FAN MOTOR NOT RUNNING. | POWER SUPPLY INTERRUPTED. | CHECK POWER SUPPLY. |
| | FAULTY ROCKER SWITCH. | CHECK SWITCH AND REPLACE IF NECESSARY. |
| TEMPERATURE RISE INSUFFICIENT. | <p>THE MACHINE SHOULD DELIVER A TEMPERATURE RISE OF APPROXIMATELY 40°C ABOVE THE AMBIENT TEMPERATURE. SHOULD THE MACHINE FAIL TO DO THIS CHECK THE POWER SUPPLY AND THAT THE THERMOSTAT IS TURNED FULLY CLOCKWISE.</p> <p>IT SHOULD BE NOTED THAT THE MAXIMUM AMBIENT TEMPERATURE THE MACHINE WILL RUN AT IS 40°C +/- 3°C.</p> | |