



Operation and Maintenance Manual

5500 Ultra



Specification:

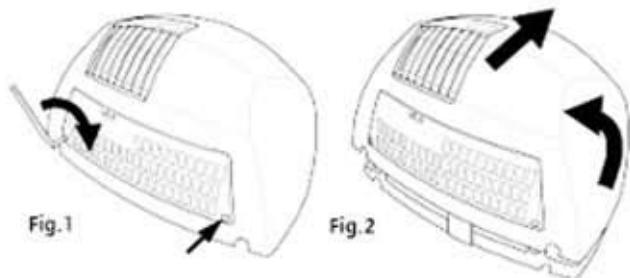
Rating	2000W 230V ac 50Hz. Heater = 1800W. Motor = 200W universal series.
Control	Automatic active infrared. Thermostatic over-temperature protection.
Dimensions	310 x 240 x 175mm.
Construction	ABS backplate. Die-cast aluminium cover.
Weight	3kg

Siting:

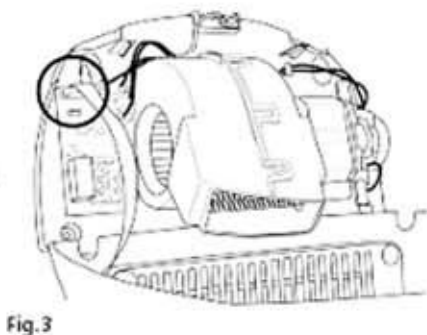
- * Use only in commercial premises.
- * Avoid positioning above lightly coloured or polished surfaces.
- * Site carefully to avoid causing obstructions.

Installation:

Remove the cover by fully clockwise rotating the cover retaining screws using the hex key provided. Push the cover upwards to disengage the cover earthing clip and carefully lift the cover from the backplate, rotating it forwards - figs 1&2.

**IMPORTANT**

Before removing the cover completely, disconnect the ribbon cable connecting the cover mounted sensor to the main circuit board on the left of the backplate - fig.3.

**Fixing preparation.**

- * Mark the position of the four wall fixing holes in the backplate (Fig.4.) and drill for the wall plugs and screws provided.
- * Make provision for the electrical supply.

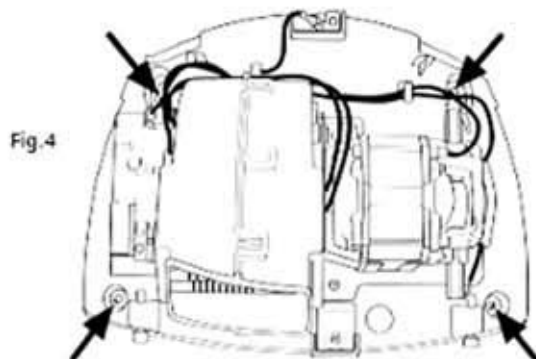


Fig.4

Wiring.**WARNING - THIS APPLIANCE MUST BE EARTHED.**

- * The dryer must be connected to the supply via a fused, double pole isolating switch having a contact separation of at least 3mm in all poles.
 - * Feed the supply cable through the cable entry hole in the backplate - see fig.5.
 - * Secure the backplate to the wall.
 - * Connect the supply conductors as follows:
GREEN & YELLOW wire to the terminal marked \perp
BROWN wire to the terminal marked L
BLUE wire to the terminal marked N.
- All wiring must conform to the current IEE regulations.
- * Secure the cable beneath the cable clamp - see fig.5.
 - * Connect the sensor ribbon cable to the main circuit board - see fig.3.
 - * Re-fit and secure the cover, rotating the cover securing screws anti-clockwise until the heads engage with the cover - do not over-tighten.

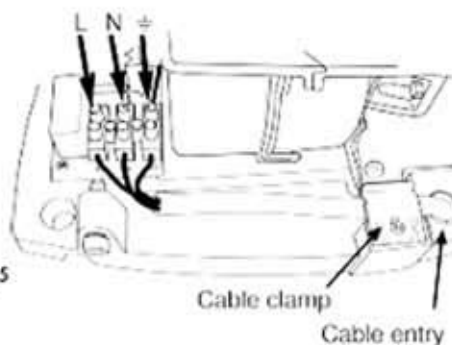


Fig.5

Testing.

- * Switch on at the supply.
- * Place hands beneath the air outlet and the dryer should automatically start.
- * Pull hands away from the outlet and the dryer should stop within a few seconds.
- * In the event of the dryer running continuously without a hand present, check that the dryer is not in 'long run' mode (see Fixed Cycle Function below). If not, follow the infrared recalibration procedure below.

Alternative Functions:

IMPORTANT - disconnect the mains supply before removing the cover and do not let the cover hang from the sensor ribbon cable. By moving the jumper on the main circuit board, the dryer may be switched to alternative functional modes.

Infrared recalibration.

Move the jumper to link pins marked CAL - see fig.6. Replace the cover.

Reconnect the mains supply and allow 5 seconds for the infrared circuit to recalibrate before retesting the dryer function.

Disconnect the supply, remove the cover again and remove the jumper from the CAL pins.

Recalibration is complete and the dryer can be reassembled.

Fixed Cycle Function

Move the jumper to link pins marked L/RUN (fig.6). The dryer runs for a fixed period of 35 seconds following activation.

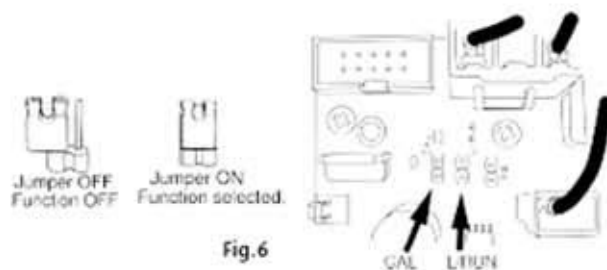


Fig.6

Thermal Protection:

In the event of the element overheating, the thermostat will interrupt the electrical current to the element. The thermostat will automatically reset as the element cools again.

Cleaning:

Periodic cleaning of the inside of the dryer is recommended to prevent the build up of dirt and fibres.

With the power disconnected and the cover removed, use a soft brush to dislodge any debris from the fan and heating element and remove with a vacuum cleaner.

To maintain good hand detection, clean the infrared components, visible on the cover beneath the air outlet, using a soft cloth.