

WHISPA 50E Plinth Heater

Appareil de chauffage plinthe WHISPA 50E

INSTALLATION & OPERATING MANUAL
MANUEL D'INSTALLATION ET D'UTILISATION

PLEASE LEAVE THIS MANUAL WITH THE END USER
VEUILLEZ LAISSER CE MANUEL ENTRE LES MAINS
DE L'UTILISATEUR FINAL



COMPLETE HEATING SOLUTIONS

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1.0 Safety Symbols

The following safety symbols are used on the product and throughout the product documentation.



WARNING / CAUTION
An appropriate safety instruction should be followed or caution to a potential hazard.



DANGEROUS VOLTAGES
To indicate hazards arising from dangerous voltages.



HOT SURFACE
To indicate that the marked item can be hot and should not be touched without great care.



PROTECTIVE EARTH (GROUND)
To identify any terminal which is intended for connection to an external conductor for protection against electric shock in case of a fault, or the terminal of a protective earth (ground) electrode.



DO NOT COVER
In order to avoid overheating, do not cover this appliance

Safety Instructions

READ THESE INSTRUCTIONS THOROUGHLY BEFORE BEGINNING INSTALLATION

⚠ When installing and using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- This appliance is intended for indoor use only.
 - This appliance must not be installed in a bathroom or other similar high humidity area.
 - This unit must not be installed in enclosed rooms where the unit may generate ambient temperatures in excess of 86F.
 - This is an electrical heating appliance intended installation in the space beneath floor mounted kitchen units.
 - No rear access to the units should be present after installation.
 - This unit must not be installed in rooms where excessive dust is present.
 - This unit must not be installed underneath a sink or close to other similar water hazards
- ⚠ A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint or flammable liquids are used or stored.
 - ⚠ This heater is hot when in use. To avoid burns, do not let bare skin touch surfaces. Keep combustible materials such as furniture, pillows, bedding, papers, clothes and curtains away from the heater.
 - Installation should be in accordance with national and regional electrical codes.
 - Isolate the electrical supply before commencing any electrical work.
 - This appliance must be grounded.
 - If the area in which the unit is located has been kept below freezing point, run the fan for 5 minutes before using the heat settings.
 - To prevent a possible fire do not block air intakes or exhaust in any manner.
 - Do not insert or allow foreign objects to enter the grille as this may cause an electric shock or fire, or damage the heater.

2.0 Location

Warning: This unit must not be installed against combustible low-density cellulose fibre-board surfaces.

- This WHISPA 50E unit is designed to fit in the space beneath floor mounted kitchen units.
- The minimum cabinet dimensions are shown below in Fig 1.

A = Width	20 inch
B = Plinth Height	4 inch (min)
C = Base Shelf Overheating	1 inch
D = Depth	16 inch

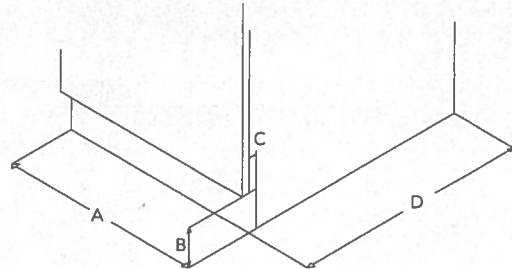


Fig 1.

3.0 Installation

- The unit should be mounted on a clean and level surface beneath the kitchen unit.
- Cut a hole in the kick board according to the dimensions given in Fig 2.
- The power supply cable must be routed in accordance with National and Local Codes into the area beneath the cabinet that the unit will rest in. The cable should be left sufficiently long so that the unit can be withdrawn fully from underneath the kitchen cabinet for maintenance. Ensure that there are no sharp edges that could fray or damage the wire.
- Connect the power supply cables as detailed in Section 4.
- Align the grille and secure it to the unit with the two screws supplied (use the shorter screws).
- Slide the unit through the hole in the kick board and secure the grille to the kick board using the screws provided.
- Turn on the power supply and make sure the unit is working correctly.

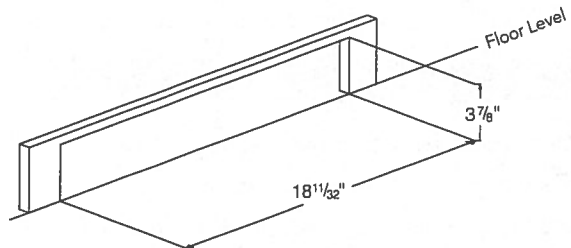


Fig 2.

4.0 Electrical Connection



Warning: This appliance must be grounded. The electrical connection must comply with National and Local Codes.

- Do not energise the electrical supply until the connection is complete.
- This unit must be connected to a 20A branch circuit.
- This unit must be connected using 16 AWG, 300V, 80°C type SJT cable.
- The wiring can be routed through the most convenient knock-out into the junction box using a suitable gland or bushing.
- Remove the junction box cover. Connect the supply leads as follows:

Green	Ground
White	Neutral
Black	Live
- Replace the junction box cover and complete the installation as detailed in Section 3.

Instructions for Wiring Thermostats (In Line)

- For automatic operation, an approved line voltage (120VAC) thermostat may be wired to control the WHISPA 50E. The thermostat must be rated at 15 amps minimum.
- Pay particular attention to the location of the thermostat keeping it out of the direct airflow from the WHISPA 50E. Local codes will dictate the height recommended for thermostat installation. Installing the thermostat too high or too low will affect the room comfort.
- When wired to a wall thermostat, the WHISPA 50E On/Off switch must be left in the On position, allowing the thermostat to activate the unit as needed.

5.0 Dimension Drawing

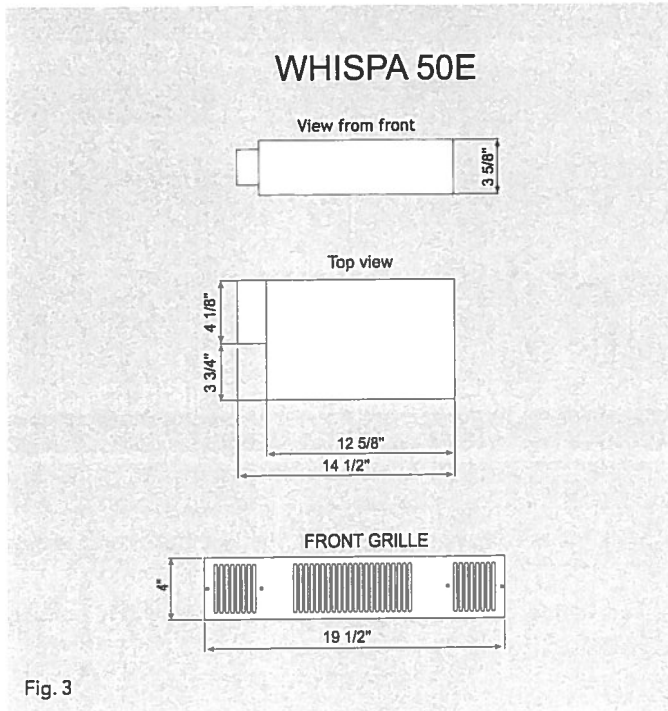


Fig. 3

6.0 Operating Instructions


- This unit must be correctly installed before use.
- Do not operate this unit with wet hands.
- Do not cover or restrict any grille openings when the unit is in use.
- This unit is hot when in use. Do not touch the outlet grille when the unit is in operation.
- Do not use the appliance with young children unattended.



Warning: In order to avoid overheating, do not cover the heater.

This unit is controlled by the switches on the front of the unit (see fig. 4). Ensure the electricity supply is switched on.

Heating Mode


- Set the fan switch to  position.
- Set the power switch to the I or II position to increase or decrease the heat output as required. The fan will operate at the appropriate speed for the element selected. The fan speed switch does not operate in these conditions.

Off Position

Set the Heating switch to the (O) position.

Summer Mode

If required, the KICKSPACE® can be used in Summer for air circulation without heat.

Set the heating switch to  position, and set the fan speed switch to required setting. The lower switch does not operate in this condition.

6.0 Operating Instructions (cont)

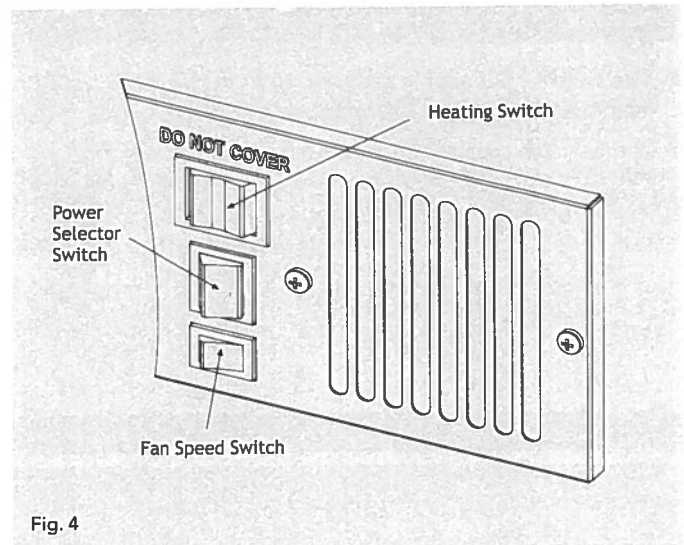


Fig. 4

7.0 Maintenance

Isolate the electrical supply and allow the unit to cool.

Maintenance should be restricted to the occasional removal of dust and lint around the grille using a soft cloth or brush.

Switch on electrical supply.

8.0 Troubleshooting

This appliance is fitted with a safety device that switches off the heater, if for any reason the appliance overheats. This safety device can only be reset after the appliance has cooled down. In order to reset this device proceed as follows:

1. Switch off the appliance and leave for approximately 5 minutes.
2. Switch on the appliance and the safety device will reset.
3. Ensure that the appliance is functioning correctly. If the safety device operates again, the appliance must be checked by a competent electrician.