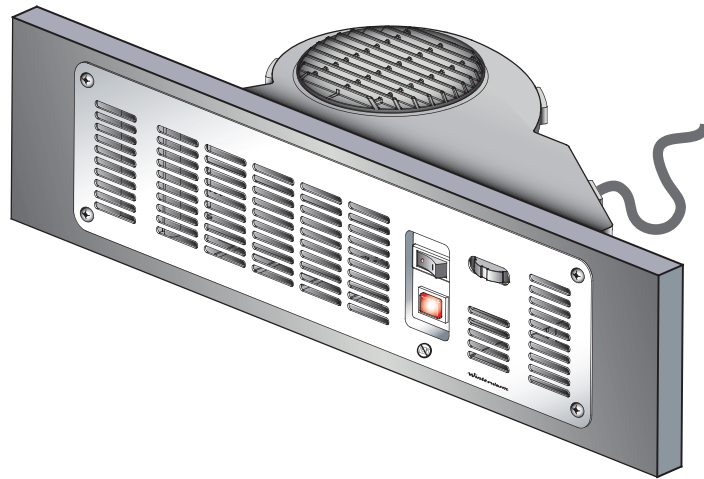


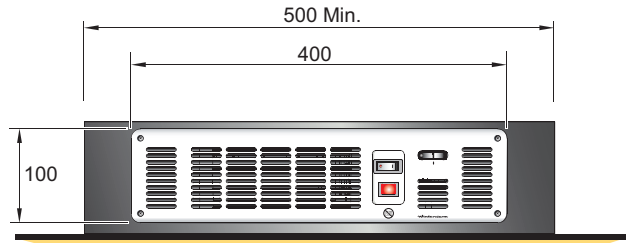
Winterwarm



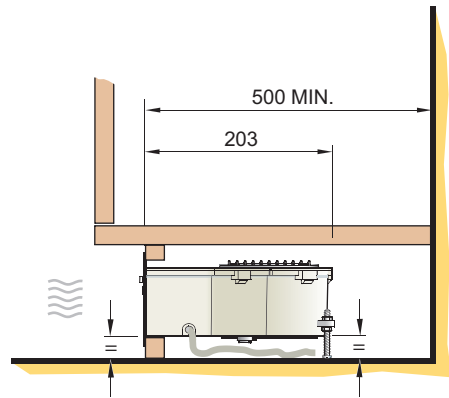
WWFH20 Base Unit Heater

1

Plan View

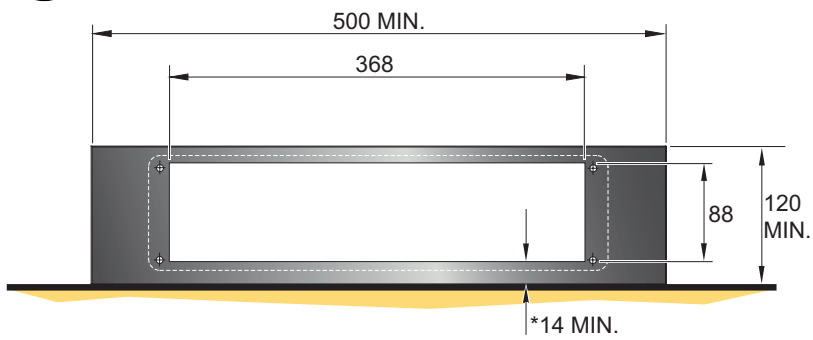


Front View

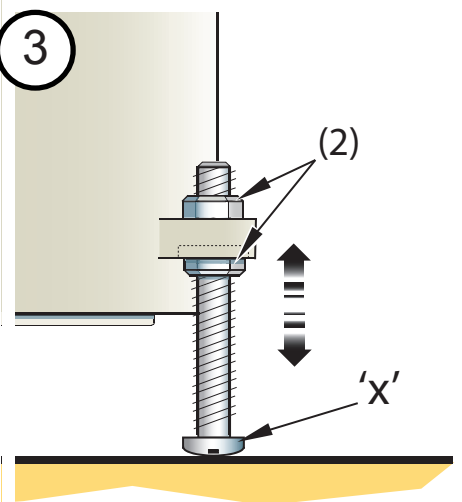


Side View

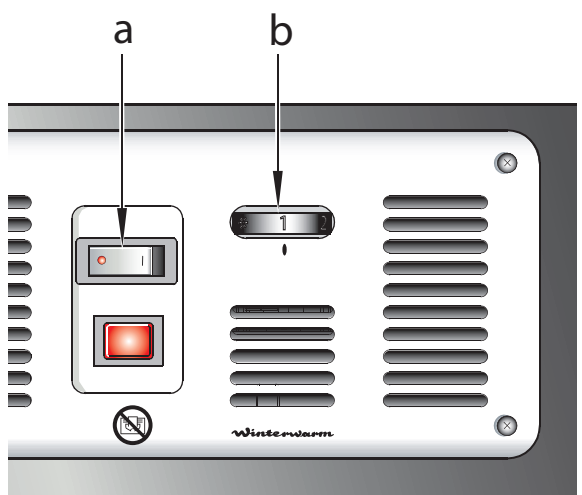
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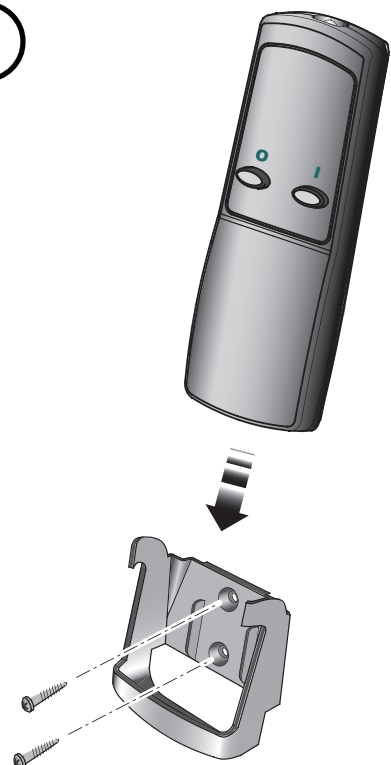
3



4



5



Important Safety Advice

DO NOT COVER OR OBSTRUCT the air inlet or outlet grille.

Do not place heater immediately below a socket outlet.

The supply circuit to the heater must incorporate a double pole isolating switch.

If the appliance is covered, there is a risk of fire.

Do not use this heater in areas where excessive dust exists.

Do not touch or obstruct the grille area when the heater is in operation.

Do not use this heater with young children unattended.

This appliance is not intended for use by children or other persons without assistance or supervision if their physical, sensory or mental capabilities prevent them from using it safely. Children should be supervised to ensure that they do not play with the appliance.

 **The heater carries the Warning symbol indicating that it must not be covered.**

WARNING: DISCONNECT SUPPLY before carrying out maintenance.

WARNING: In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

Introduction

This heater has been designed for fitting in the space behind the plinth of floor standing kitchen units or other fitted furniture units. It is recommended that the heater is not installed under cupboards used for storing perishable goods. It can be accommodated in plinths with a minimum height of 120mm, and is suitable for cupboards with a minimum width of 500mm - see **Fig. 1**.

Installation

The installation of this appliance should be carried out by a competent electrician and be in accordance with the current IEE wiring regulations.

Before undertaking installation work, ensure the electricity supply is disconnected from any relevant fixed wiring.

The heater is more easily fitted during the installation of new furniture units, or on existing furniture units if they can be temporarily moved from their position against the wall. If an existing furniture unit cannot be moved, then it may be necessary to remove the back of the unit in order to gain access to carry out the wiring installation.

Before installing the unit consider the location with respect to the following;

- The electrical supply and cable length.
- Position heater to deliver heat effectively without causing personal discomfort from overheating while standing at work surfaces etc.
- Minimum plinth height of 120mm and minimum furniture unit width of 500mm.

Procedure

1. Cutting the aperture

Cut an aperture in the furniture unit to the dimensions shown in **Fig. 2**. This must be positioned so that the minimum distance from the bottom of the aperture to the TOP surface of any floor covering is not less than *14mm.

If an overhang above the heater is greater than 75mm, then a distance of at least 100mm must be maintained between the overhang and the uppermost part of the heater.

* This dimension must be maintained above the top surface of any floor covering material. All dimensions in millimetres.

2. Power supply connection

Check that the supply voltage details on the heater are in accordance with your electricity supply. The appliance is fitted with 1.4 metres of flexible cable type H05VV-F size 2 x 1.0mm for electrical connection. The cable may be used to connect the heater to the fixed wiring of the premises through a suitable connection box. The supply circuit to the heater must incorporate a double pole isolating switch having a contact separation of at least 3mm. The power supply cable should be routed from the furniture unit to the connection box, ensuring that the cable is left with enough slack to allow removal of the appliance for maintenance. The cable must be protected from any sharp edges. The isolating switch must be accessible after installation of the unit and the furniture.

3. Fitting the Rear Support Bolt

The heater is supplied with a rear support bolt - see 'x' in **Fig. 3**. Fit to the back of the appliance with the two nuts supplied as shown in **Fig. 3**. The function of the rear support bolt is to support the rear of the appliance, and the height should be adjusted accordingly to ensure the appliance is level - see 'Side View' in **Fig. 1**.

4. Marking the Fixing Positions

Slide the heater into position in the furniture unit aperture - see **Fig. 2**. Mark the four fixing holes. Remove the heater and drill 2mm pilot holes.

5. Mounting the Heater into the furniture unit

When the cable connection has been made and the rear support bolt adjusted, slide the heater into the aperture ensuring that it is adequately supported and that the inlet grilles are not obstructed. Use the four screws provided to secure the heater to the furniture unit.

6. Remote Control

Insert 2 off 1.5 volt AAA batteries into the remote control handset. The remote control may be placed when not in use in the wall-mounted holster provided - see **Fig. 5**. Screws and rawplugs for wall fixing the holster are provided.

Operation

Switch on electricity supply to the heater and select the 'Power On' neon indicator switch on the front panel - see 'a' in **Fig. 4**. The heater may now be turned off and on using the remote control. Press the 'I' button to activate the heater, and 'O' to turn off.

Note: Infra red technology is used for the remote control link, the range is 8m in line of sight. If the remote control becomes lost, switch off the heater at the mains supply.

Operation of Thermostat

1. The heater incorporates a variable thermostat which is controlled by a knob situated on the right hand side of the front panel - see 'b' in **Fig. 4**. Lowest setting provides frost protection level.

2. Turn the thermostat knob to maximum. When the room has reached the desired comfort level turn back the knob until the thermostat just 'clicks' off. If the knob is left in this position the room temperature will be maintained automatically at the chosen level.

Remember

If, when the heater is switched on, the room temperature is above that selected on the thermostat knob the heater will not operate. This is as it should be, and the thermostat is performing its function correctly. Should a higher temperature be required than the one selected, then it will be necessary to turn the thermostat knob to a higher setting to bring the heater into operation.

Thermal Safety Cut-out

The power supply to the heater may be interrupted if one or a combination of the following abnormal events occur.

1. Air inlet or outlet grilles are obstructed.
2. Internal ventilation is impaired due to build up of dust and fluff.
3. Blower unit stalls.

In the event that the above events occur the cut-out switches off the heater automatically. To bring the heater back into operation remove the cause of the overheating, then turn off the electrical supply to the heater for a few minutes. When the heater has cooled sufficiently re-connect and switch on the heater.

If the cut-out operates repeatedly, contact your supplier.

Procedure for resetting the cut-out;

- A. Disconnect the electricity supply to the appliance either by switching off at the isolating switch panel or at the consumer unit.
- B. Determine what has caused the cut-out to operate and rectify.
(Note : This should only be undertaken by competent persons with experience of repairing electrical appliances and in full knowledge of the possible hazards involved).
- C. After a short time delay to allow the appliance to cool down, all that is required to return the heater to normal operation is to switch the electricity supply back on.

Important Battery Information

Discard leaking batteries.

Dispose of batteries in the proper manner according to Provincial and local regulations. Any battery may leak electrolyte; if mixed with a different battery type; if inserted incorrectly; if all the batteries are not replaced at the same time; if disposed of in a fire or if an attempt is made to charge a battery not intended to be recharged.

Recycling

For electrical products sold within the European Community.



At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

Cleaning & User Maintenance

WARNING: DISCONNECT SUPPLY before carrying out maintenance.

General Cleaning

External appearance can be maintained by wiping occasionally with a damp cloth; for stain removal, a weak soap solution can be applied, then wiped dry.

Internal Cleaning & Maintenance

To help prevent the build up of dust and fluff in the heater it is advisable to apply the soft brush attachment of a vacuum cleaner to the grille occasionally.

From time to time it may be necessary to remove the heater from the furniture unit so that the heater and the heater compartment can be cleared of accumulated dust or fluff by means of a vacuum cleaner.

To remove, unscrew the four fixing screws and withdraw the appliance from the plinth.

Clean the top and bottom inlet grilles of the heater using the soft brush attachment of a vacuum cleaner.

The interior compartment of the furniture unit should also be cleared of dust and fluff using the vacuum cleaner nozzle.

Remount the heater in the plinth ensuring the rear support bolt is still adjusted correctly. The electricity supply to the heater can now be switched back on.

After Sales Service

Your product is guaranteed for one year from the date of purchase.

Within this period, we undertake to repair or exchange this product free of charge (excluding lamps & subject to availability) provided it has been installed and operated in accordance with these instructions.

Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee.

Should you require after sales service you should contact our customer services help desk on 0845 600 5111. It would assist us if you can quote the model number, series, date of purchase, and nature of the fault at the time of your call. The customer services help desk will also be able to advise you should you need to purchase any spares.

Please do not return a faulty product to us in the first instance as this may result in loss or damage and delay in providing you with a satisfactory service.

Please retain your receipt as proof of purchase.

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