

HYCO
Manufacturing Ltd

Mistral

Bathroom Fan Heater

Model MS180

Instruction Manual

Version 1.0 May 2010

HYCO MISTRAL BATHROOM FAN HEATER

MODEL MSI80

1. INTRODUCTION

Thank you for purchasing the Hyco Mistral Bathroom Fan Heater. The Mistral is a thermostatically controlled, 1.8kW, fixed wall mounted fan heater which is IPX4 rated. Please read and understand these instructions before commencing installation, and leave them with the user when installation is complete.

2. SAFETY



THE ELECTRICAL INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE CURRENT EDITION OF THE I.EE WIRING REGULATIONS.



SWITCH OFF THE MAINS BEFORE COMMENCING INSTALLATION.



ELECTRICAL CONNECTION MUST BE MADE TO THE FIXED WIRING OF THE PROPERTY BY MEANS OF A CONNECTION BOX. THE INSTALLATION MUST BE FITTED WITH A DOUBLE POLE ISOLATING SWITCH, WITH A BREAK CONTACT DISTANCE OF AT LEAST 3mm, AND AN RCD NOT EXCEEDING 30mA.



MEANS FOR ELECTRICAL DISCONNECTION MUST BE INCORPORATED IN THE WIRING INSTALLATION IN ACCORDANCE WITH THE RELEVANT WIRING AND ELECTRICAL REGULATIONS.



ONLY CONNECT THE HEATER TO A SINGLE PHASE SUPPLY WITH A MAINS VOLTAGE AS SPECIFIED ON THE RATING PLATE.



THE HEATER MUST NOT BE LOCATED IMMEDIATELY BELOW A SOCKET OUTLET.



IF THE CORD OF THIS APPLIANCE IS DAMAGED, DISCONTINUE USE OF THIS PRODUCT.



ALWAYS SWITCH OFF THE APPLIANCE WHEN NOT IN USE.



DO NOT LET THE POWER CORD HANG OVER THE APPLIANCE.

2. SAFETY (continued)



DO NOT LET ANIMALS OR CHILDREN TOUCH OR PLAY WITH THE HEATER. PLEASE NOTE THAT THE HOT AIR OUTLET GETS VERY HOT DURING OPERATION.



THIS APPLIANCE IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.



THE MOUNTING POSITION OF THE HEATER SHOULD ALLOW FREE MOVEMENT OF AIR AROUND THE HEATER. DO NOT COVER THE HEATER AS THIS MAY CAUSE OVERHEATING.



THE HEATER MUST BE INSTALLED SO THAT SWITCHES AND OTHER CONTROLS CANNOT BE TOUCHED BY A PERSON IN THE BATH OR SHOWER.



THE UNIT SHOULD BE MOUNTED AT LEAST 1M AWAY FROM ANY COMBUSTIBLE MATERIALS SUCH AS FURNITURE, CURTAINS, BEDDING ETC.

3. WALL MOUNTING AND POSITIONING

- The heater is IPX4 rated and so should only be installed in bathroom Zone 2 or 3 (see fig 1).
- The Mistral fan heater is to be wall mounted in the upright position with the warm air vent facing downwards (see fig 2).
- Drill 3 holes of 6mm diameter in the wall (see fig 3) and insert the wall plugs supplied.
- Insert the two screws at the top, leaving 8mm between the screw head and the wall.
- Hook the unit to the two screws and finally secure with the 3rd screw as shown in fig 4.

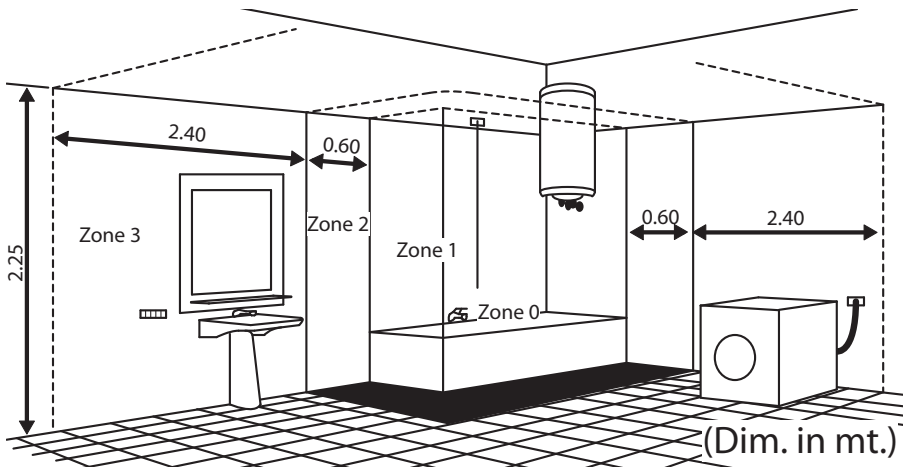


fig 1

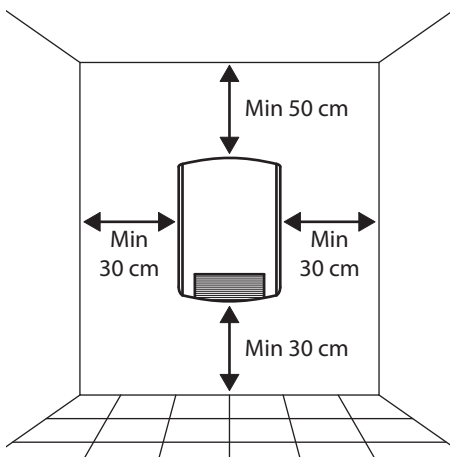


fig 2

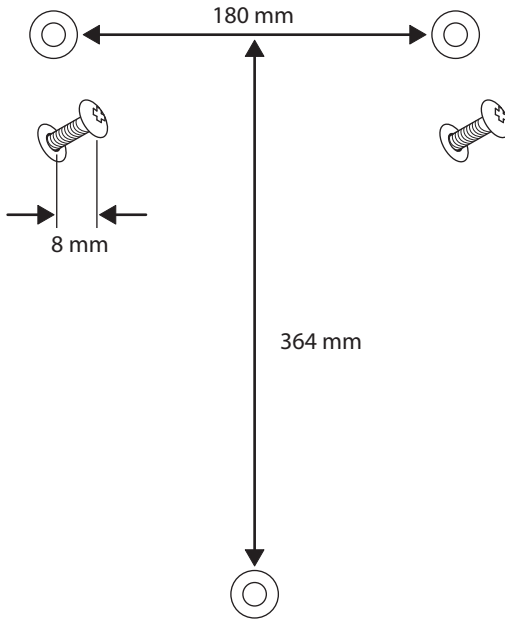


fig 3

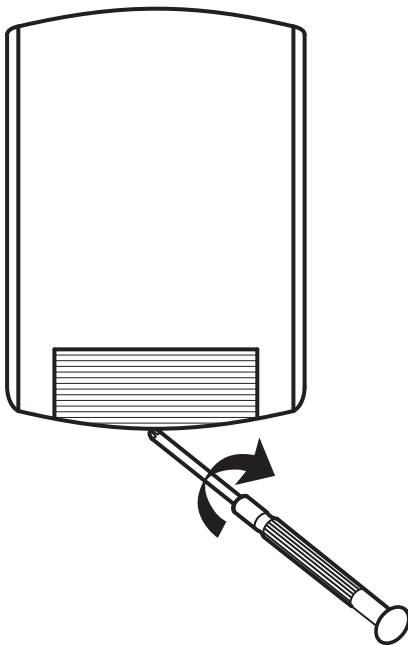


fig 4

4. ELECTRICAL INSTALLATION



THE INSTALLATION, ELECTRICAL CONNECTION AND FIRST OPERATION OF THIS APPLIANCE SHOULD BE CARRIED OUT BY A QUALIFIED INSTALLER.

- Electrical connection must be made to the fixed wiring of the property using appropriately rated cable by means of a connection box and protected by a 13A fuse.
- The heater is a double insulated (class II) appliance and so does not require an earth connection.
- Switch power on.

5. OPERATION

- The thermostat maintains temperature as set by the user.
- The maximum position of the thermostat corresponds to approximately 35°C, the minimum (*) is approximately 5°C.
- Note that the heater has a frost protection minimum thermostat setting of 5°C. If the room temperature drops below this the heater will remain on at a minimum setting.
- Adjust the thermostat and operate clockwise until it reaches a comfortable temperature.
- Then turn the thermostat dial in the opposite direction just until you hear a “click”. Turn the thermostat dial (only slightly) in a clockwise direction.
- The heater will now maintain this set temperature.

6. CLEANING AND MAINTENANCE

- Before cleaning, ensure the power is off and that it has cooled completely.
- Wipe the exterior of the heater with a soft dry cloth.
- Never use any chemical or abrasive cleaners.
- The heater is equipped with a filter to protect the heating elements against dust and dirt.
- The filter can be removed and inserted on the right or left, figure 5.
- To ensure correct operation of the heater we recommend cleaning the filter once every 6 months, or if there any visible signs of blockage of the air inlet & outlet grille, ensuring you replace the filter back in the heater.

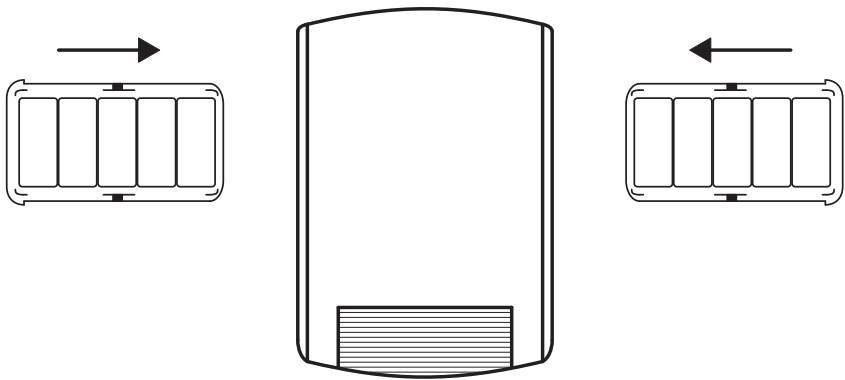


fig 5

Thermal Cut-out

The unit is fitted with a safety thermal cut out that will operate in the event of the unit overheating. The thermal cut out will automatically switch off the heating element and fan motor but the power indicator lamp will still be illuminated.

In the event of the cut out operating:

1. Turn off the power to the heater and allow to cool for 15/20 minutes.
2. Check the filter and clean if necessary.
3. Remove any other possible causes of overheating (ensure the air inlet and outlet grilles are not obstructed).
4. Turn power back on to unit and check operation.

7. SPECIFICATIONS

SUPPLY	230V ~ 50Hz
POWER	1800W
IP RATING	IPX4
DIMENSIONS (H x W x D)	410mm x 285mm x 115mm
PROTECTION	Double Insulated (Class II)

8. GUARANTEE AND SERVICE POLICY

This product is guaranteed against faulty materials and manufacture for a period of one year from the date of purchase. Hyco will in its sole discretion replace, repair or refund any faulty unit. Incorrect installation and failure to follow correct operating instructions are excluded. Consequential costs such as labour charges or damage to surroundings are expressly excluded.

H Y C O
Manufacturing Ltd

Hyco Manufacturing Ltd
California Drive
Whitwood
Castleford
West Yorkshire
WF10 5QH

Tel: 01977 517555 Fax: 01977 517666

Web: www.hyco.co.uk

E-mail: sales@hyco.co.uk