

INSTALLATION INSTRUCTIONS AND HOLE-CUTTING TEMPLATE



BATHROOM HEATER LINUX MINI HALOGEN HEAT / LED LIGHT/ FAN 3 IN 1

Dear customers,

Thank you for selecting a Martec Linux Mini Bathroom Heater Linear 3 in 1. Please read all instructions before commencing installation.

IMPORTANT: This unit must be installed to comply with the appropriate council regulations and the Australia and New Zealand wiring rules AS/NZS3000:2000 or latest edition thereof.

The main supply and interconnecting cables required for installation of this unit are not included.

WARNING - INSTALLATION ONLY TO BE BY QUALIFIED PERSONS

1. Use this heater only as described in this manual. The manufacturer does not recommend any other use as this may cause fire, electric shock, or injury to persons. If you have questions, contact the manufacture or local agent.
2. All wiring must be carried out by a Licensed Electrician in accordance with all applicable codes and standards
3. Make sure the power is off before the installation.
4. When cutting into the wall, do not damage electrical wiring and other hidden utilities.
5. The heater must be properly earthed/grounded.
6. The heat lamp and glass are hot when in use. Do not touch the heat lamp and glass shield with any part of your body when in use.
7. For the purpose of avoiding any dangerous gas leaking into your bathroom, the ventiduct of the heater must not be laid together with the ventiduct of air-fueled water heater or other open-fire appliances into the same flue.
8. The disconnection may be achieved by having the plug accessible or by incorporating a switch in the fixed wiring in accordance with the wiring rules. The heater must be isolated from the power by means of a plug or all-pole disconnection switch with a contact separation of at least 3mm in each pole.
9. The power cable must stand a minimum 10A load.
10. The 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.
11. Children should be supervised to ensure that they do not play with the appliance.
12. The heater is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.
13. The appliance shall, under no circumstances, be covered with insulating material or similar material.
14. Regulations concerning the discharge of air have to be fulfilled.
15. Joists, beams and rafters shall not be cut or notched to install the appliance.

IMPORTANT CONSIDERATIONS BEFORE INSTALLING

A few minutes of planning can make a big difference to the installation time and also to your satisfaction with the function of the unit.

1. The unit should not be installed directly above a shower or bathtub. The unit must not be installed in a position where water may splash onto the lamps.
2. The unit must not be installed beneath a fixed socket or power outlet.
3. The unit is designed for installation in flat ceilings only. Do not mount it on a sloping ceiling or a vertical wall.
4. The heat lamp is most effective when you are standing directly beneath them, so generally the unit would be mounted a place where you would stand to dry yourself.
5. For the exhaust fan to work efficiently, replacement air of a volume equivalent to what is being extracted must be able to enter the room. Generally, this air would be drawn under the door, or through a slightly open window. If the room is airtight, the fan will function poorly.
6. Before commencing any cutting, check in the ceiling space that there are no obstructions such as ceiling joists and that there is sufficient height clearance for the housing. Check that the electrical wiring can be routed from the wall switches to the mounting location.

INSTALLATION

1. Cutting a vent

Locate a vent position (above the ceiling) on the wall, and then cut a 130mm diameter hole at this position.

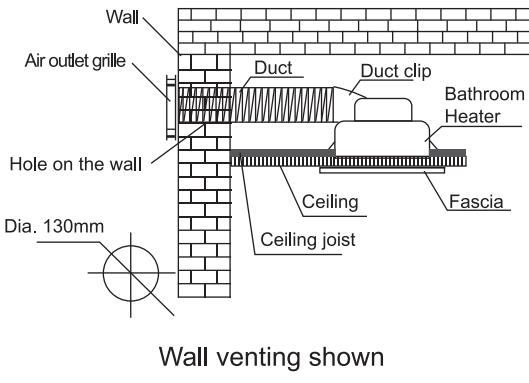
2. Ducting and Air outlet grille

Sleeving one end of the 125mm diameter vent-duct on the air outlet grille with a duct clip and extending the other end into the vent hole and seal space around the hole using a suitable sealant and cowl where necessary, fixing the air outlet grille on the outer wall.

Note: Since the length of each duct is 3.0m, make sure that from the centre of installation position there should be a distance within 3.0m to the outside vent.

3. Locating the heater

For the purpose of obtaining the best heating results, the heater should be no more than 2.3m from the ground after the heater is well fixed.



4. Prepare the ceiling

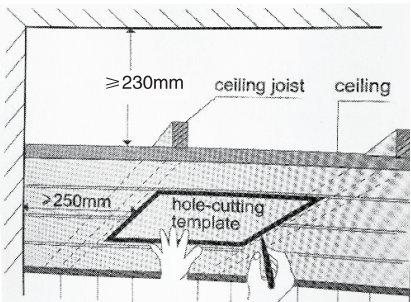
Select the mounting position for the unit. Before commencing any cutting, check in the ceiling space that there are no obstructions such as joists, and that there is sufficient height clearance for the housing. Cut around the attached hole-cutting template and use this template to mark the hole outline on the ceiling. Make sure a distance between the edges and wall is no less than 250mm. Also from the rooftop should be a minimum 230mm height to the ceiling.

5. Remove the Fascia

Remove 2 silicon clips at the end of the rectangle air inlet grilles.

Remove the screws hidden inside. Remove the fascia.

Note: Hold the fascia carefully with hand while removing the screws so that the fascia doesn't fall to ground.



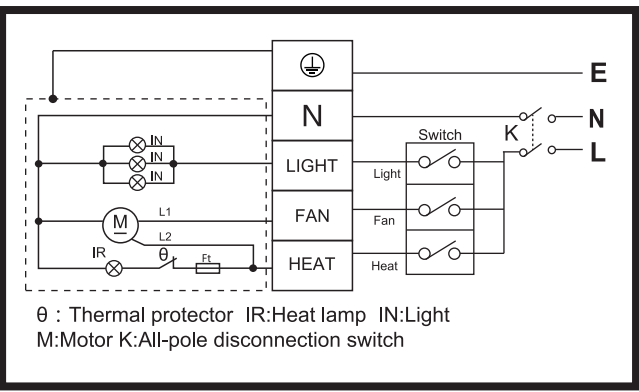
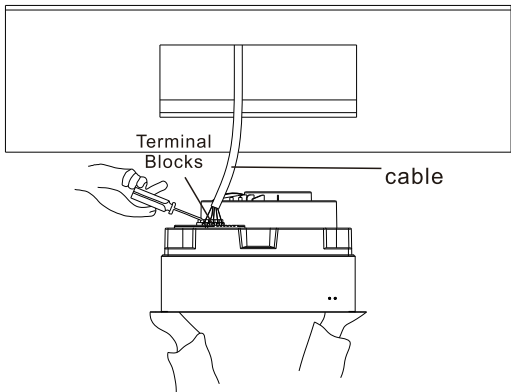
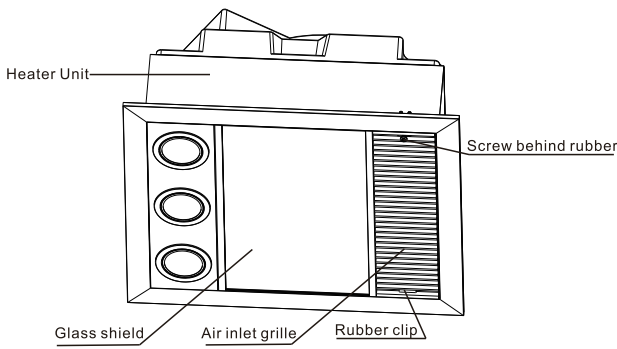
6. Remove the lamps

1) Remove the 3 LED lamps from the heater unit and keep them in a safe place.

2) Remove the halogen heat lamp from the heater unit and keep it in a safe place, do not touch this lamp with your bare skin as this will shorten the lamp life, use a cloth or glove when handling the heat lamp.

Note: Only handle a new heat lamp with soft, dry, clean, lint-free cloth or paper. You can wear gloves, cover your fingers or wrap the heat lamp until it is installed (so long as you remove all cloth or paper when finished). Connect one end of the interconnecting wire with the switch panel, and then drag the other end power cable out of the hole on the ceiling. Open the terminal block cover on the housing and make connection as the wiring diagram instructs, then reposition the terminal block cover. Tuck the redundant wire into the ceiling so as to leave the housing enough room to fix in.

Note: Ensure that the power is turned off before carrying out any work on electrical installations.



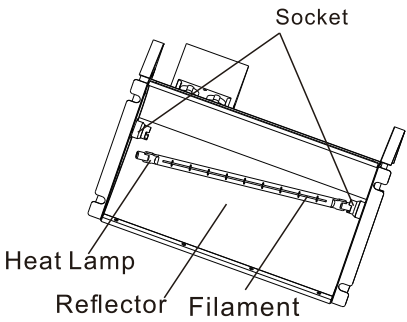
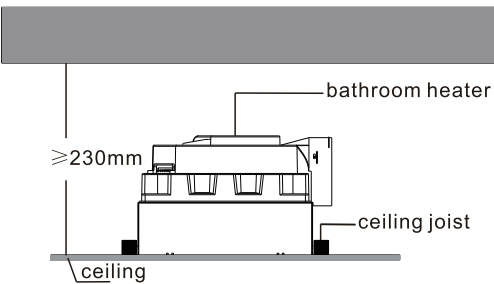
7. Connect the ducting

Locate and fit the duct to the ducting outlet, be sure to secure properly over the duct outlet. Use clamp supplied or zip tie to secure duct (tighten so that it will not come off during operation).

8. Position the housing into the hole

Choose an optimal direction to put the housing into the hole in accordance with the position of the fan outlet. Use screws to fix the unit onto wooden bars or joists (not supplied). Ensure that the unit is held securely on all 4 sides. You may have to add battens on 2 sides in between joists or even build a frame to secure it properly into the ceiling with battens.

Note: Try to keep the redundant wire away from the housing



9. Final installation

1) Install the heat lamp.

The heat lamp is half coated with a white reflector. When you grasp the heat lamp, face the back of the reflector to the ceiling so you can see the heat lamp's filament. Not doing this will reduce performance. Fit one end of the heat lamp into the socket and gently push it away from the other socket. When there is enough room, fit the other end of the heat lamp into the socket.

Read and save these instructions!

Please use this card as hole cutting template 350mm x 305mm

