



RADIANT 4, BATHROOM HEATER 3 IN 1 HEAT, FAN LIGHT

Installation & Operation Instruction Manual

Please read this instruction carefully before installing and using the product. Keep the instruction handy for future reference. Electrical wiring must only be done by a licensed electrician and a "Certificate of Compliance" must be issued on completion of the installation.

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 grounded.
6. The lamps are hot when in use. Do not touch the infrared lamps 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 n 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 BEFOR 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.
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 infrared lamps are 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 very position.

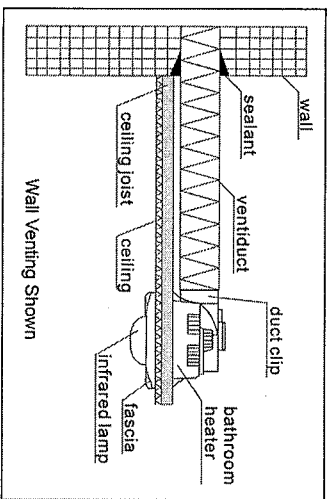
2. Ducting

Put one end of the 125mm diameter ventiduct into the vent hole and seal space around the hole using a suitable sealant and cowing where necessary.

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. Suitable location

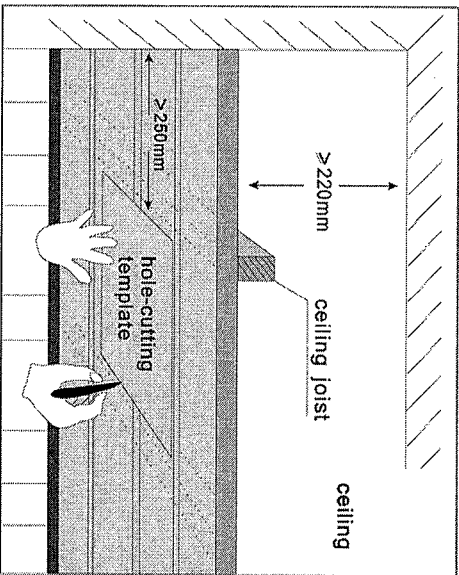
For the purpose of obtaining the best heating results, the heat lamps should be no more than 2.3m from the ground.



4. Prepare the ceiling

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 220mm height to the ceiling.



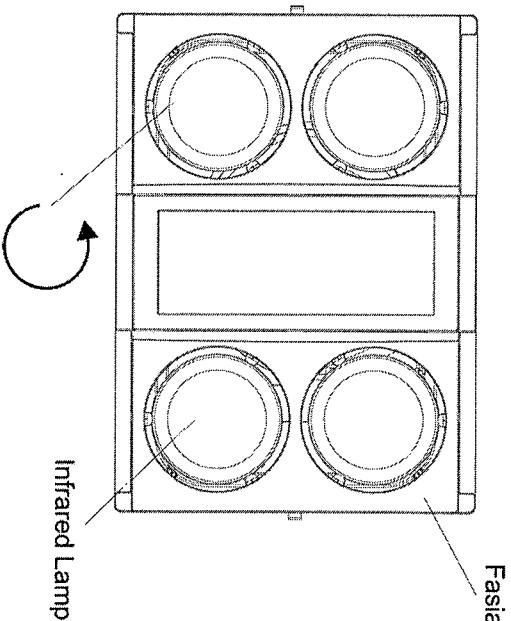
5. Remove the Fascia

Remove 4 heat lamps from the heater.

Unclip the internal fascia-retaining springs inside the housing.

Remove the plug of the LED light Remove the fascia.

Note: Do not force when removing the heating lamps.



6. Wiring

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.