



RADIANT 1, SINGLE HEATER INFRARED HEAT LAMP APPLIANCE

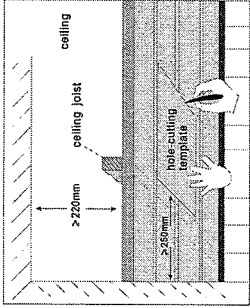
Installation & Operation Instruction Manual

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 manufacturer 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 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.

LOCATION

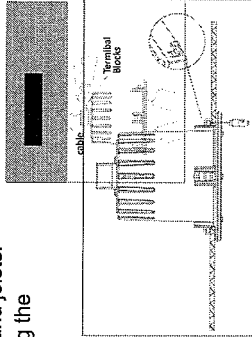
The unit must be located and installed in accordance with AS/NZS 3000 and local building codes relating to damp situations. The unit can be installed in any room that requires direct radiant heating such as bathrooms, ensuites, laundries, etc. The unit can be installed on a flat ceiling with a minimum height of 2 meters from the floor. The unit must also be installed at least 400mm away from the walls. Ensure adequate inlets exist through windows, vents or under the door for airflow.

POWER

AC230/240V, 50/60Hz electrical supply is required. The unit can be connected to a lighting or power circuit if loading permits. All electrical work must be carried out in accordance with AS/NZS3000 or latest edition thereof, and local building codes and regulations. Ensure that supply power is isolated before commencing installation.

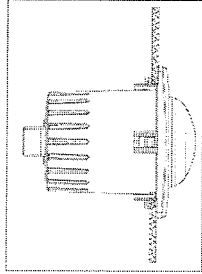
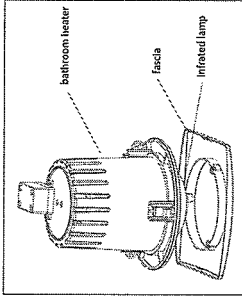
INSTALLATION

1. The unit maybe mounted either between joists using the inbuilt clip fasteners or against a joist using a screw through the flange plate. Use this card in its open state as a template. Place in the required location and make out the hole cutting size. Hole size is 184mm.
2. Before commencing cutting ensure that the area behind the intended location is clear of all cables, pipes and joists. Once clear, cut out the section along the previously marked line.



3. Remove the heat lamp from the unit. Unclick the internal fascia-retaining springs and remove the fascia.

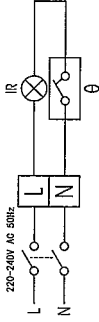
4. Push the 2 side clip fasteners inward before inserting the unit into the hole so that the body can pass through the hold without damaging the plaster. Hold the body of the heater and push the 2 clip fasteners outwards and then tighten the screws. Ensure that the unit is held securely in place by the clip fasteners. If required, additional screws can be used to aid holding the unit in the ceiling. Screw holes are provided in the flange for this purpose.



5. Replace the fascia and then screw in the heat lamp into the lamp holder through the hole provided in the fascia. The globe should be screwed firmly to ensure a good electrical contact but don't over tighten.

ELECTRICALON

1. Clip the switch into the backing plate in the desired order and install the plate on the wall (No Switch is supplied)
2. Connect the wiring to the switch as shown in the below electrical diagram.
3. Remove the terminal cover on the heater unit and wire according to the label adjacent to the terminal block. Make sure all cables are securely connected and refit the terminal cover.
4. Clean the fascia and globe with a soft moist cloth. Turn on power and check the switch operation.



CARE AND MAINTENANCE

Lamps must be cool before cleaning. To clean bulbs and surrounds wipe with a cloth dampened with detergent or liquid glass cleaner.

REPLACEMENT GLOBES

HEAT LAMP: The heat lamp must only be replaced with a 275w globe.

MAIN TECHNICAL PARAMETERS

Model Number	BH-RAD1
Rated Voltage	220V-240V
Rated Frequency	50/60Hz
Rated Power	275W