



# INSTANT HEAT 4 DUCTED

Retain this card for operating instructions and warranty details

Please read carefully

Read these instructions completely before starting installation.

The infrared lamps heat by direct radiation rather than by heating the air in the room, so the Instant Heat 4 should be located directly over the drying area.

It must not be installed where there is a possibility of water splashing onto the lamps. Locate the Instant Heat 4 in accordance with the requirements of the SAA/SANZ Wiring Rules AS/NZS 3000 relating to damp situations. This means that no part of the Instant Heat 4 may be located directly above any part of the bath or shower recess or enclosure. For unenclosed showers refer to Wiring Rules conditions.

For information on switch locations, refer to Wiring Rules AS/NZS 3000

Note: Steam will only be removed if there is sufficient flow of air through the room. Ensure adequate inlets exist through windows, vents or under the door. Air flow path from the inlet to the fan should ideally pass over the steam sources. See over – 'Getting the most from your Instant Heat 4'.

Note: Instant Heat 4 must be installed horizontally in ceiling by a licensed electrical contractor or similarly qualified person.

Regulations concerning the discharge of air have to be fulfilled. The Instant Heat has a free air discharge of 240m<sup>3</sup>/hr and care should be taken that airflow throughout meets specific requirements in building regulations. Local building codes may require venting to the outside. Ducting must be fitted and vented to the outside using exterior grille provided as shown in figure 1 and 2.

Standard roof application

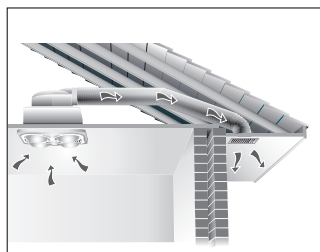


Fig 1

Multi storey application

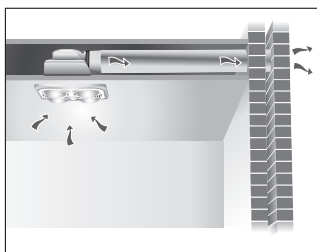


Fig 2

To duct to the outside connect the onto the outlet side of the exhaust fan. After installing the outlet grille to your eaves wall, connect the flexible duct (max 3m cut if necessary, remember to avoid bends etc) and affix using the duct tape provided.

### Location:

The Instant Heat is for ceiling mounting only, with the lowest point to be at least 2.4 metres above floor level. It is not intended to be installed in wardrobes or within 300mm of sides of walls, as per Figure 3. There is a danger of combustion if placed too close to curtains or other flammable materials

### Ceiling Preparation and Installation:

Instant Heat 4 may be installed in the ceiling cavity between joists using the built-in clip fasteners. Correct installation requires the cavity to have a minimum height of 260mm for safe operation. The clearances between Instant Heat and surrounding joists and above ceiling shown in Figures 4 and 5 shall be observed. Thermal insulation or similar material shall not be placed on top of the Instant Heat, and adjacent material to the side shall be kept clear to a minimum distance of 300mm. Joists, beams and rafters shall not be cut or notched to install Instant Heat.

AFTER DETERMINING LOCATION OF THE HEATER USE THIS CARD AS A TEMPLATE TO MARK OUT AND CUT AN APERTURE 300 x 300mm (Fig 6).

If adequate support is not available for Instant Heat 4, it may be necessary to provide for extra strengthening.

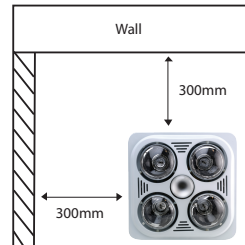


Fig 3

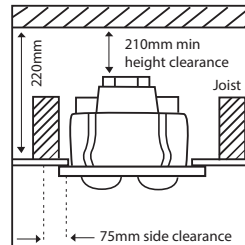


Fig 4

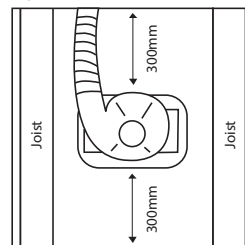


Fig 5

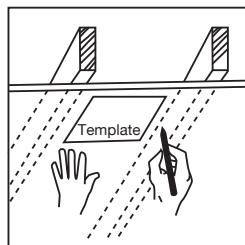


Fig 6

### Fixing to ceiling:

Remove all lamps. Push the heat lamp body into the opening allowing the springs to snap open. To secure, push the lower ends of the springs apart. (Fig 7) The ceiling board thickness should be adjusted to enable the springs to be fitted without excessive force.

### Final assembly:

Check that the power to the unit is off.

### All models:

Insert infrared lamps firmly into the sockets to ensure good electrical contact and long life. Centralise the lamp surround. Wipe the surround and bulbs clean. Connect the power and check all functions.

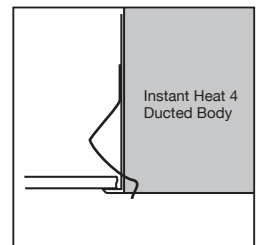


Fig 7

### Wiring:

Three switches on an Excel wall plate are supplied. Snap the switches into the plate. Do not use with any solid state speed control. Wall plate should be located so that the switches are not within reach of a person in a bath or shower. Wiring connection is as per figure 8.

For information on switch locations, refer to Wiring Rules AS/NZS 3000

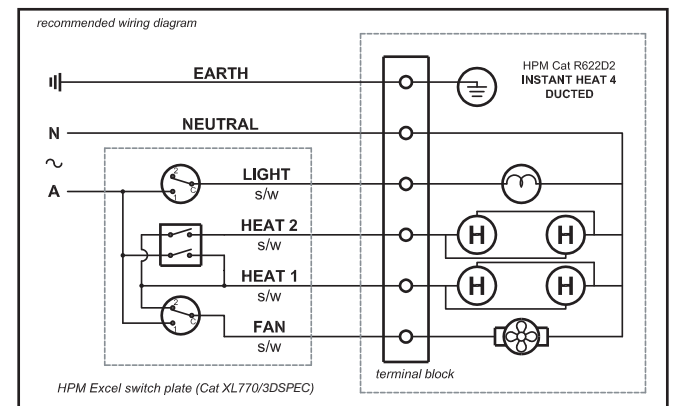


Fig 8

For additional information, contact HPM  
Australia: 1300 369 777  
New Zealand: 0800 476 009



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## PRODUCT INFORMATION

## INSTANT HEAT 4 DUCTED

Heater, exhaust fan ducted and light  
Cat R622D2

### Specification

Cat R622D2  
230-240V a.c. 50Hz  
1240W max  
T 40° C  
(May be connected to a lighting or power circuit if loading permits.)

### General:

The Ducted Instant Heat 4 model has powerful heat lamps manufactured to offer peak performance in all bathrooms with ceiling heights up to 3.3 metres (11ft). The Instant Heat dual heat function is another energy saver, allowing you to adjust the heat level to suit prevailing conditions or personal preference.

N.B. The Instant Heat 4 Ducted is not a tanning lamp.

The HPM Instant Heat 4 Ducted has been designed to exacting standards to give you many years of trouble-free operation. To ensure you get the most from your Instant Heat there are a few simple points to keep in mind.

### Getting the most from your Instant Heat 4

### Location:

Locate the unit over drying area. The unit must not be located directly over the shower or bath and must only be mounted horizontally in ceilings

### Heat Lamps:

The HPM Instant Heat lamps have no warm-up period because the infrared lamps provide instantaneous heat, and are designed to heat you and not the bathroom – that's the efficient way infrared heat works. You'll save money and energy, at an average cost of around one cent a shower if used correctly, (based on an average 5 minute drying time). Also, to get the full benefit of Instant Heat's infrared warmth, stand directly under the heat lamps. These exclusive clear lamps have been designed specifically for this application, and concentrate their heat for maximum effectiveness.

### WARNING:

Do not look directly into bulbs when in use.

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. Children should be supervised to ensure that they do not play with the appliance.

### Ventilation:

To ensure optimum performance of the ducted exhaust fan, it is essential that you provide a generous air-flow into your bathroom to help Instant Heat's powerful and efficient exhaust fan to quickly suck out steam while you shower. Your Instant Heat works by drawing steam-laden air from the room and, as with all exhaust fans, it is essential that sufficient air inlets are provided. Ensure adequate inlets exist through windows, vents or under the door. The air-flow path from inlet to fan should ideally pass over the steam source.

### Centre light:

The centre 100 watt light in this Instant Heat model is designed to provide general illumination in your bathroom. For specific tasks like shaving or putting on make-up, you may need extra lighting to suit individual needs.

The heat lamps can also be used to provide additional bright illumination for your bathroom.

### Cleaning:

Allow bulbs to cool before cleaning. To clean the bulbs and lamp surround use a cloth dampened with detergent or liquid glass cleaner.

### Replacement lamps:

Heating lamps: Instant Heat lamps have been specially developed for best performance.

Instant Heat 4 – 4 x 275 watts maximum.

Replace with HPM Cat L275HLES or equivalent.

Light Bulb: Replace with OSRAM 100W R80 E27 or equivalent.

Important – Replacement with any lamp other than that specified above may cause damage to the moulding and void the warranty

## WARRANTY

### Five year extended warranty

Under this warranty, for a period of five years from the date of purchase, HPM Industries undertakes to replace or make good any part or parts, including the motor but excluding the heat lamps or centre light bulb, (see heat lamp warranty) which are proven to be defective.

### One year warranty – heat lamps:

Instant Heat's infrared lamps are covered for a period of one year from the date of purchase. If any fail during this period, the lamp(s) will be replaced without charge.

### The warranties apply only if:

- (1) The unit is installed and used in accordance with the manufacturer's instructions.
- (2) The unit was installed by a licensed electrical contractor or similarly qualified person.
- (3) The defects were not caused by changes or modifications made by unqualified persons.

### Exclusions:

This warranty does not cover damage or loss caused by:

- (a) Misuse, negligence or faults due to incorrect installation
- (b) Improper wiring circuits or fuses
- (c) Attempts to repair the appliance by unqualified persons
- (d) Failure to maintain the appliance in accordance to manufacturer's instructions.

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product which the consumer has under the Trade Practices Act and similar state and territory laws.

