

# KADO

## Kado Lux 3-in1 Heat Lamp Exhaust

Please read these instructions carefully before installing and using the product. Keep the instructions 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.

### 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 and circulated airflow such as bathrooms, en-suites, laundries etc. The unit can be installed in flat ceilings with a minimum height of 2.3 metres. At least 220mm height clearance in the ceiling cavity is required to ensure sufficient ventilation for moisture to disperse. The unit must be installed at least 250mm away from walls.

Ensure adequate inlets exist through windows, vents or under the door for airflow.

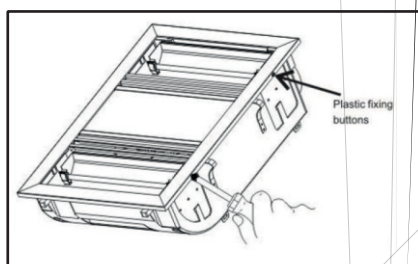
Regulations concerning the discharge of air must be fulfilled.

### POWER

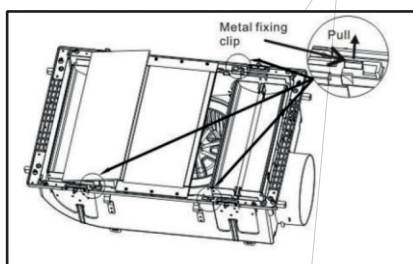
AC220~240V, 50Hz electrical supply is required. The unit can be connected to a lighting or power circuit if loading permits.

All electrical work must be carried out in accordance with AS/NZS 3000 or latest edition thereof, and local building codes and regulations. A four gang switch is included for all kinds of wiring combinations, e.g. One "HEAT" for one heat lamp and two "HEAT" for two heat lamps. Ensure that the power supply is isolated before commencing installation.

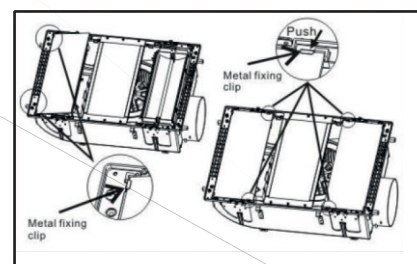
### MOUNTING



1. To remove Fascia, on one side of the unit, press the plastic fixing buttons inwards and gently pry the fascia away from the unit.



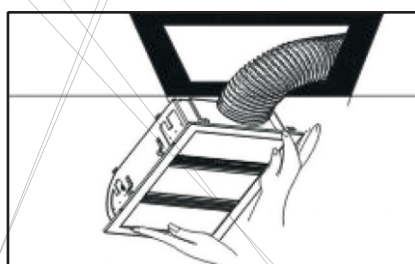
2. Bend the flexible metal fixing tabs outward to allow the glass to be seated in position.



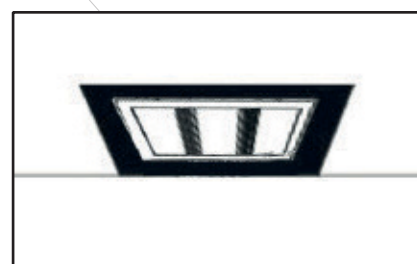
3. Slide the glass into position against the end tabs, then bend side fixing tabs back into position to ensure the glass is fixed securely.



4. Use the supplied card as a template. Place in the required location and mark out the hole cutting size. The hole size is 505mm x 330mm. 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 lines.



5. Remove terminal box cover on back of unit and connect wiring as per wiring diagram supplied. Connect Ducting if required then insert unit into cutout hole. Ensure the 4 metal fixing springs on sides have popped back into position on backside of Gyprock then tighten 4 x fixing clamps at ends of units and ensure unit is properly secured.



6. Replace fascia, locate one side into position then gently press plastic fixing buttons on other side to help click fascia into final position.

**Plumbers, please ensure a copy of the installation instructions is left with the end user for future reference.**

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**NOTICE: TO INSTALL THE HEAT LAMP, PULL UP THE LAMP SLIGHTLY FROM THE LAMP CLIP AND THEN REMOVE THE QUICK CONNECTOR**

### ELECTRICAL WIRING

The unit must be located and installed in accordance with AS/NZS 3000 and local building codes relating to damp situations.

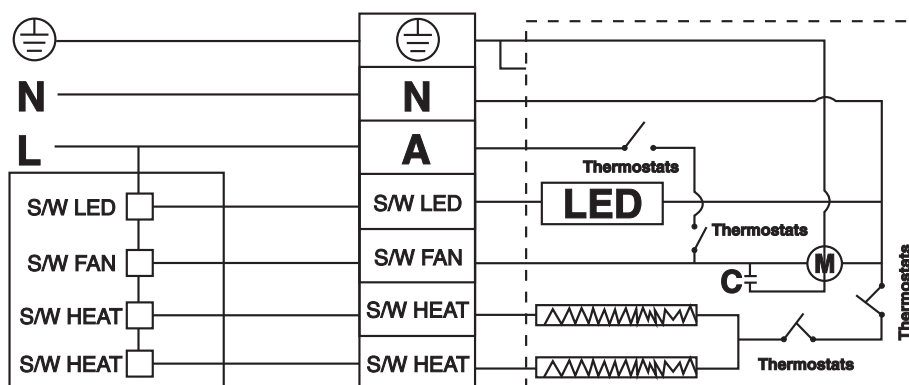
The unit can be installed in any room that requires direct radiant heating and circulated airflow such as bathrooms, en-suite, laundries etc. The unit can be installed in flat ceilings with a minimum height of 2.3 metres. At least 220mm height clearance in the ceiling cavity is required to ensure sufficient ventilation for moisture to disperse. The unit must be installed at least 250mm away from walls.

Ensure adequate inlets exist through windows, vents or under the door for airflow.

Regulations concerning the discharge of air must be fulfilled.

**Note: This unit is fitted with two thermostats, one will operate to automatically switch the fan on in the event that internal temperature of the unit exceeds 60° the other one will switch the heating lamps off in the event that the internal temperature of the unit exceeds 100°.**

1. Connect the wiring to the four gang switch according to the below electrical diagram.
2. 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 block.
3. Clean the fascia and lightings with a soft moist cloth. Turn on power and check the switch operation.



**WARNING: AN ALL-POLE DISCONNECTION MUST BE INCORPORATED INTO THE FIXED WIRING IN ACCORDANCE WITH THE WIRING RULES AS OUTLINE IN CLAUSE 7.12.2 OF AS/NZS 60335-1 FOR MEETING THE MINIMUM ELECTRICAL SAFETY OF THIS STANDARD.**

### CARE AND MAINTENANCE

- When installing the bathroom heater, please make sure the person in the bathtub or shower area can't touch the electrical switches or other electrical controllers.
- This bathroom heater must not be installed below the electrical outlet.
- This bathroom heater must not be installed near by any curtains and other combustible materials.
- The appliance must under no circumstances be covered with insulation material or similar material.
- Joists, beams and rafters shall not be cut or notched to install the appliance.
- Lamps must be cool before cleaning. To clean bulbs and surrounds, wipe with a cloth dampened with detergent or liquid glass cleaner.
- 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 application be a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Appliance for indoor use only.
- Ensure that fan is switched off from supply mains before removing the guard.
- National regulations concerning the discharge of air have to be fulfilled.
- Means for disconnection must be incorporated in the fixed wiring in accordance with wiring rules.