

LUCCI AIR



THERMALITE PRO MINI 3 IN 1

Bathroom Heater, Exhaust Fan & LED Light

SKU# 200296

CAUTION

**READ INSTRUCTIONS CAREFULLY FOR SAFE
INSTALLATION AND FAN OPERATION.**

WARRANTY

- This product is covered by a 3-year warranty. The warranty is from the date of purchase, not the date of installation.
- If this product is not installed by a licensed electrician, the warranty will be void.
- All wiring and installation of this product must adhere to the latest local and national wiring rules. e.g. AS/NZS 3000 Electrical Installations.
- Please retain proof of purchase and evidence of installation by a licensed electrician for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the product.
- Failure to comply with the instructions in this manual may cause damage or injury and will void warranty.

GENERAL SAFETY WARNING

- Use this heater in accordance with the instructions outlined in this manual.
- Ensure power to the circuit being worked on has been switched OFF before commencing any electrical work.
- This is a Class I product and must be earthed during wiring and installation.
- Do not touch the heater lamps or glass fascia when in use.
- Do not look directly at the heat lamps during use.
- Never use the heater without the protective panel or fascia.
- Wait for the heater to cool down completely before commencing any cleaning or maintenance.
- This appliance is not intended for use by persons, including children, with reduced physical, mental or sensory capabilities, or lack of knowledge and understanding, unless they are supervised and/or given instruction concerning the use of the appliance by someone responsible for their safety.
- This appliance is not a toy. Children should be supervised to ensure that they do not play with the appliance.

INSTALLATION REQUIREMENTS

- This product has a DO-NOT-COVER rating recessed luminaire. It cannot be abutted against or be covered with any insulating material or similar material in normal use.
(Please refer to the Clearance Information section in this instruction manual for further details.)
- The mounting point must be able to support 4 times the weight of the product.
- The product must be installed in a flat ceiling. Do not install on a sloped ceiling, or vertically.
- Installation is to be no less than 2.0 metres from the floor.
- Joists, beams and rafters shall not be cut or notched to install this heater.
- This heater must not be located / installed immediately below a socket outlet.
- Installation of the wall switch for this appliance must adhere to all current building regulations; i.e., When used in a bathroom, the switch should not be able to be reached or operated by a person within the bath or shower.
- Regulations concerning the discharge of air must be fulfilled.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the fitting has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.



PERFORMANCE NOTES

1. For optimum exhaust fan performance, the volume of air being extracted should be equal to the amount of air entering the room. Air is drawn mostly from under a door, or an open window. If the bathroom or room is air-tight or has restricted airflow (door and windows shut), the exhaust fan will not perform well.
2. The heat lamps will work most effectively if you are standing directly under the appliance.
3. LED lighting of the appliance is designed to provide general lighting only. While it may be sufficient for most common tasks, others such as shaving or applying make-up may require additional lighting.

PARTS

R7s Heater lamps	A
LED lighting fixture	B
Exhaust Fan Outlet	C
Exhaust Fan	D
Draft Stopper Outlet Attachment	E
Flexible Aluminium Ducting (1.5m length)	F
Cable ties	G </td
Wall switch	H
Exterior Outlet Grille	I
Cut-out Template	J

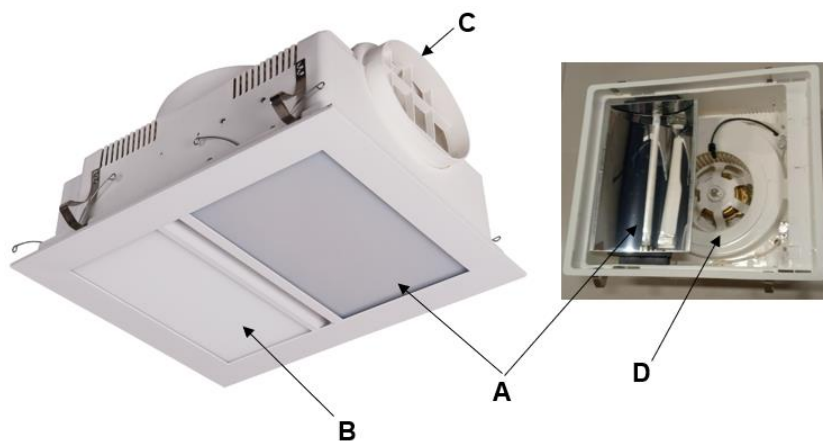


Fig. 1.1

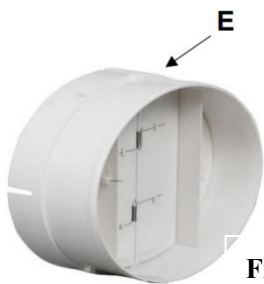


Fig. 1.2



Fig. 1.3



Fig. 1.4



Fig. 1.5



Fig. 1.6

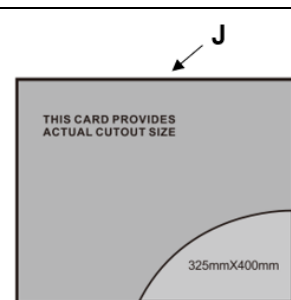
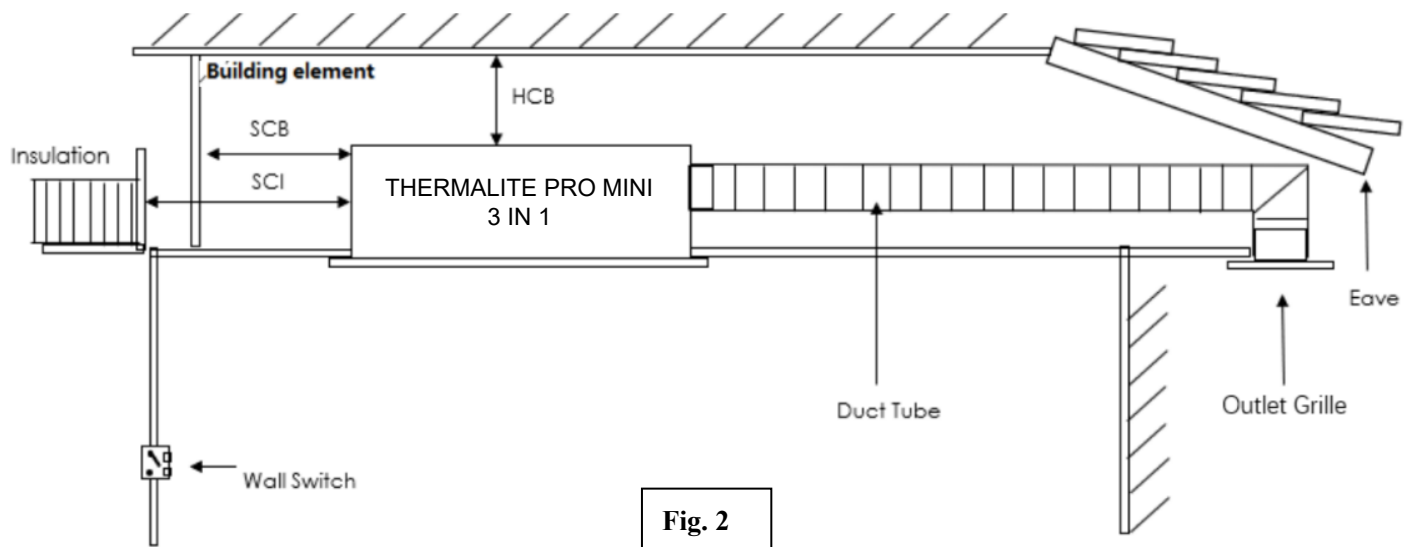


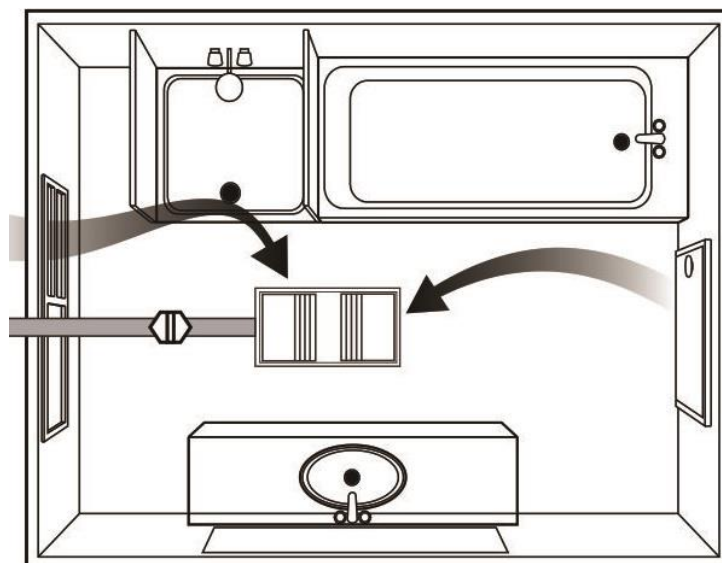
Fig. 1.7

INSTALLATION INSTRUCTIONS**Fig. 2****Clearance requirement**

HCB-Minimum Height clearance to building element	15mm
HCI-Minimum Height clearance to insulation	15mm
SCB-Minimum Side clearance to building element	50mm
SCI-Minimum Side clearance to insulation	50mm

The distance between the sides of the heater and the sides and any adjacent ceiling recessed heater shall not be less than four times the minimum distance specified for the distance between the sides of the heater and any building element adjacent to it.

1. Select a suitable location in which you wish to install the heater fan. Note it should not be in an area where the product may come in contact with water such as above a shower or bath. The centre of a room is ideal. (Fig. 3)

**Fig. 3**

2. Ensure when the appliance is installed and recessed into a ceiling, it sits at least 2 metres from the floor.

3. Use the cut-out template card as a template. Place in the required location and mark out the hole cutting size: 325mm x 400mm. 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. (Fig. 4)

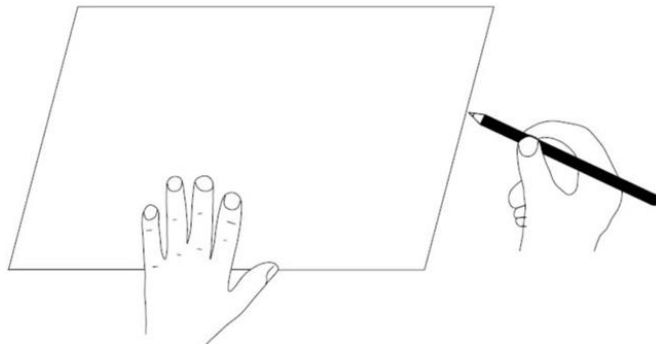


Fig. 4

4. Select a suitable location for the installation of the External Outlet Grille (I). The recommended location of the Outlet Grille is on an exterior wall/surface of the building such that the ducting is routed as straight and linear as possible between the Exhaust Fan Outlet (C) and the Outlet Grille. This will ensure the best possible air extraction.
5. Determine the length of Flexible Aluminium Ducting (F) required between the THERMALITE PRO MINI unit and the Exterior Outlet Grille (I) as show in the diagram above (Fig. 2 & 3). 1.5 meters of aluminium ducting is provided. If required, cut the aluminium duct to appropriate length, then connect the ducting to the Draft Stopper Attachment (E) using one of the provided Cable Ties (G).
6. Feed the length of the Flexible Aluminium Ducting (F) through the ceiling cavity to the chosen location of the External Outlet Grille (I).

7. **INSTALLING THE EXTERNAL OUTLET GRILLE (Fig. 5):**

- Cut a 150mm round hole in your wall or eave.
- Feed the Flexible Aluminium Ducting (F) through the hole and connect it to External Outlet Grille (I) using one of the provided Cable Ties (G). Ensure the connection is secure.
- Feed any excess ducting back through the wall and into the cavity until the grille is secure and sits flush against the wall or eave.

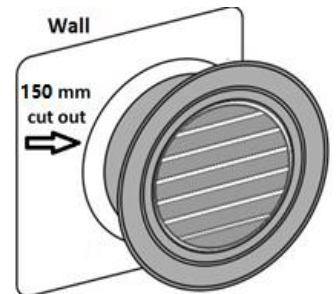


Fig. 5

8. Remove the terminal cover on the side of the THERMALITE PRO MINI unit.
9. Beneath the terminal cover is the LED Driver for the THERMALITE PRO MINI's LED Lighting Fixture (B). Use the toggle switch on the driver to select the desired colour temperature of the Lighting Fixture (B) – 3000K Warm White, 4000K Cool White or 5000K Daylight. (Fig.6)

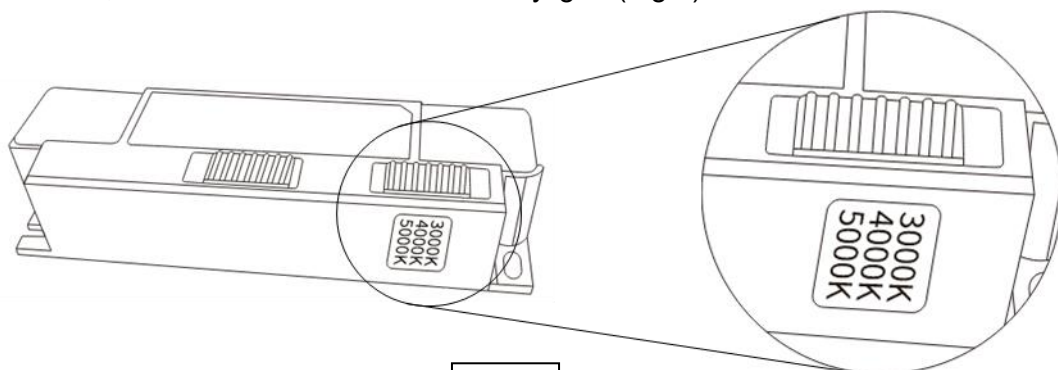


Fig. 6

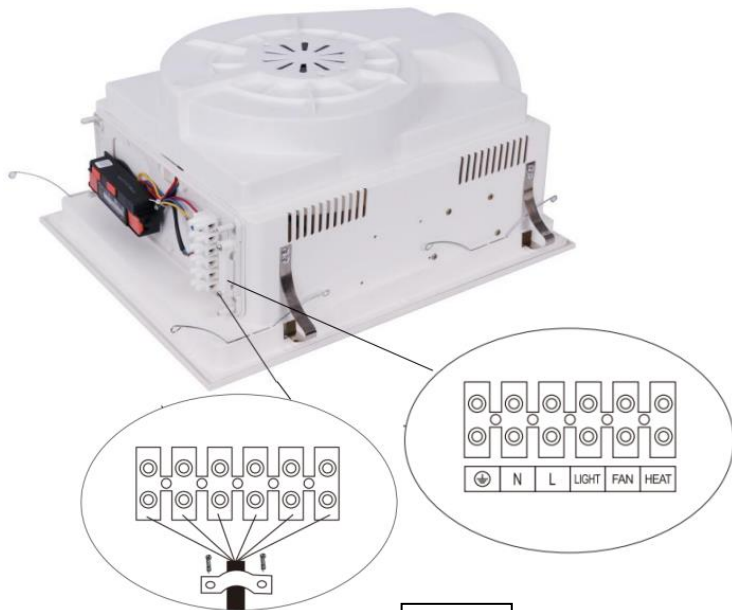


Fig. 7

Caution: For your safety - All electrical wiring connections must be performed by a licensed electrician.

WARNING: FOR SAFE USE OF THIS APPLIANCE, MEANS FOR ALL-POLE DISCONNECTION MUST BE INCORPORATED IN THE FIXED WIRING IN ACCORDANCE WITH THE WIRING RULES..

This is a requirement of clause 7.12.2 of the household appliance Standard **AS/NZS 60335.1** (The latest standard edition) Please note warranty will be void if installed without a means for an all-pole disconnection included in the wiring.

10. Connect the supply wires to the terminal block shown in Fig. 7 in accordance with the wiring diagram shown in Fig. 8
11. Make the wiring connection from the terminal block shown in Fig. 7 to the supplied Wall Switch (H) using the wiring diagram shown in Fig. 8. Make sure all cables are securely connected and once confirmed, refit the terminal box cover to the THERMALITE PRO MINI unit.

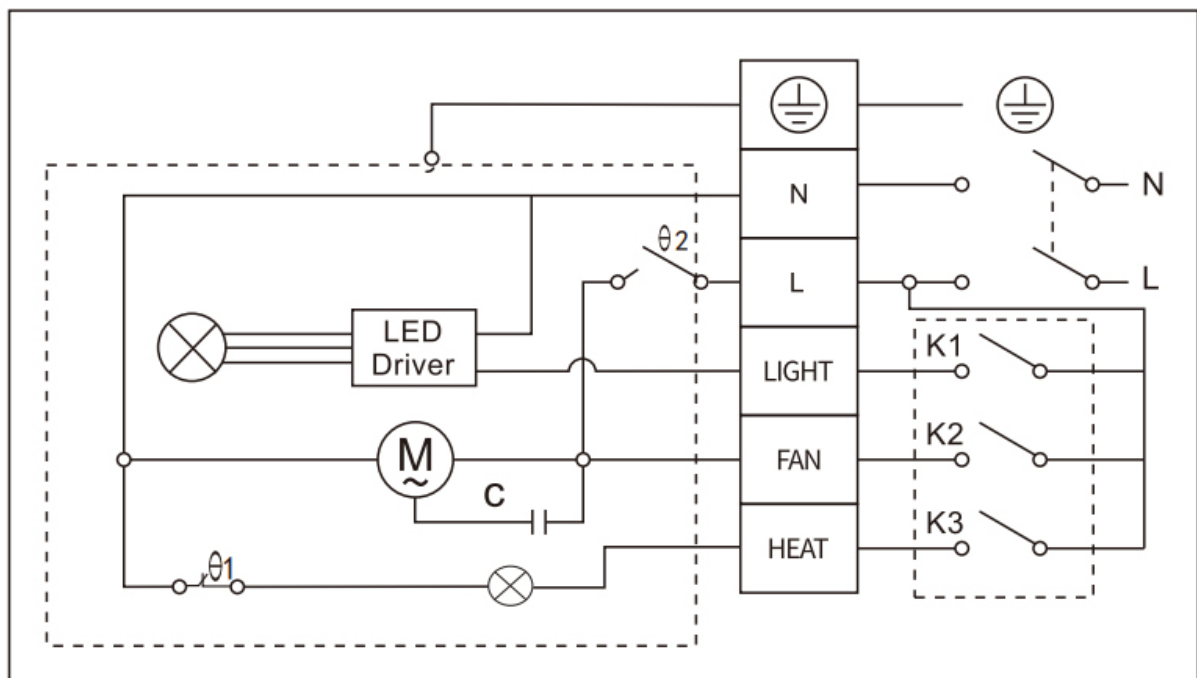
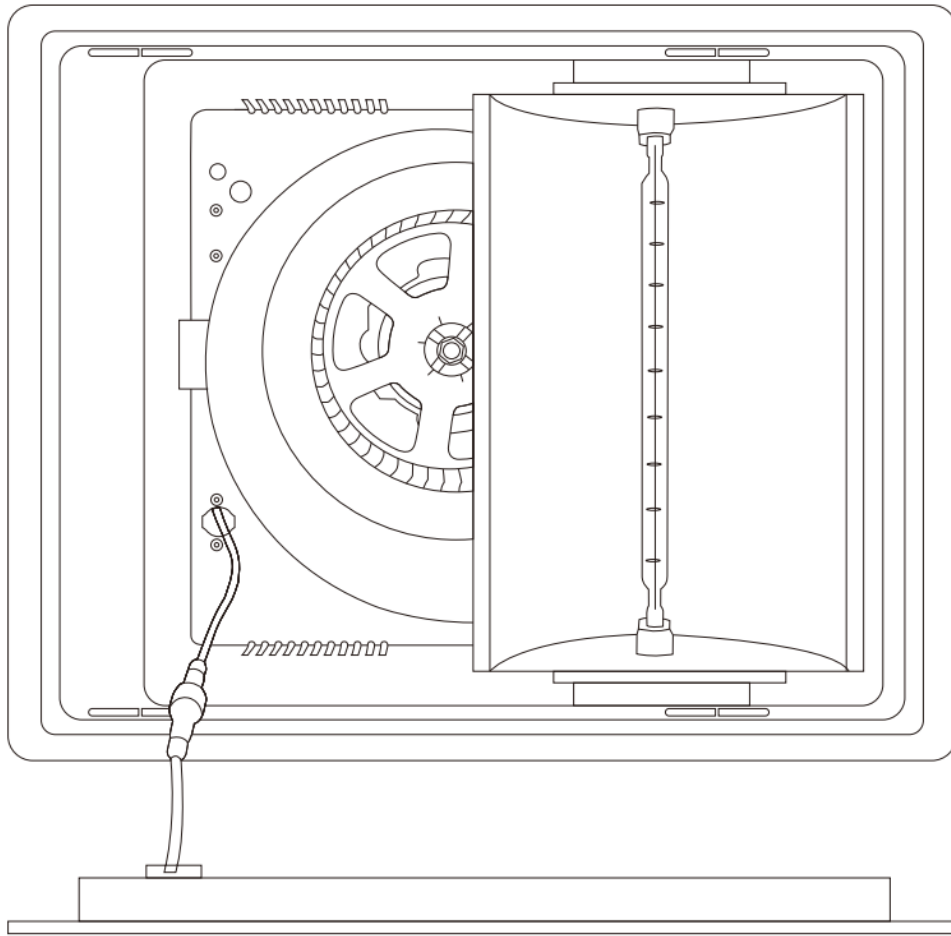


Fig. 8

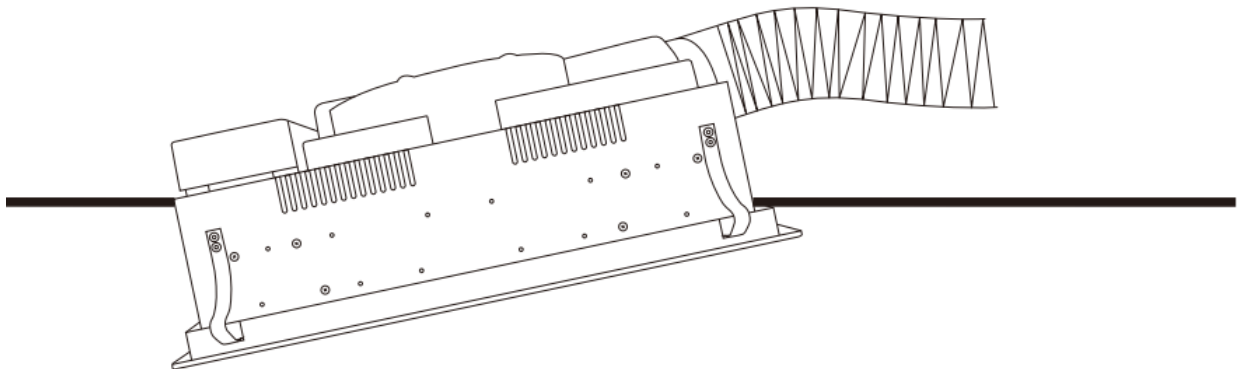
NOTE: The electric mains should be equipped with an automatic circuit breaker with a rated current not less than 10A.

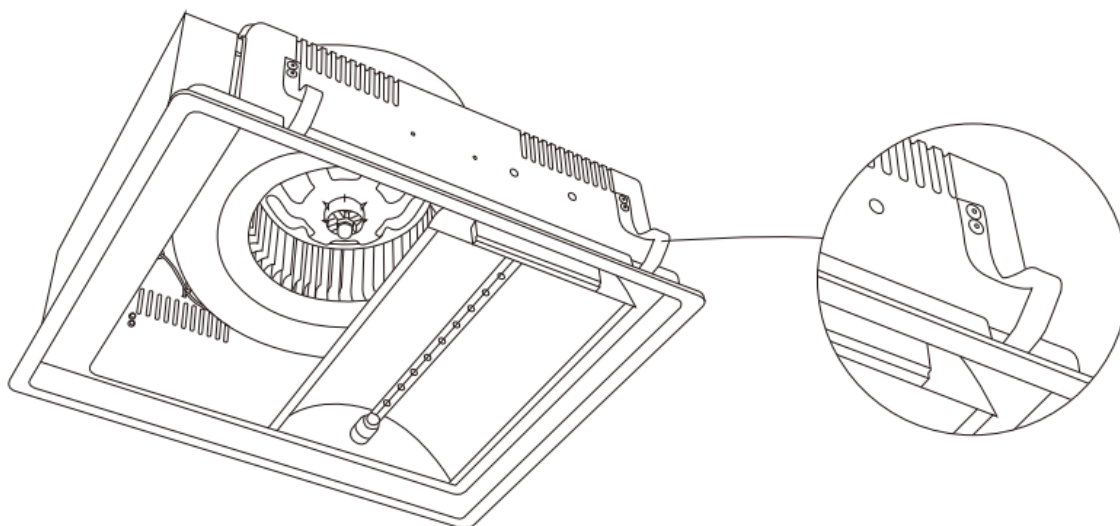
NOTE: The heater must not be located immediately below a socket outlet. The outlet needs to be located outside the physical footprint of the heater to minimise heat build-up behind the heater.

12. Remove the fascia from the THERMALITE PRO MINI body by unclipping the springs. Disconnect the LED light power connector from the THERMALITE PRO MINI body by twisting and pulling apart the connectors. (Fig. 9)

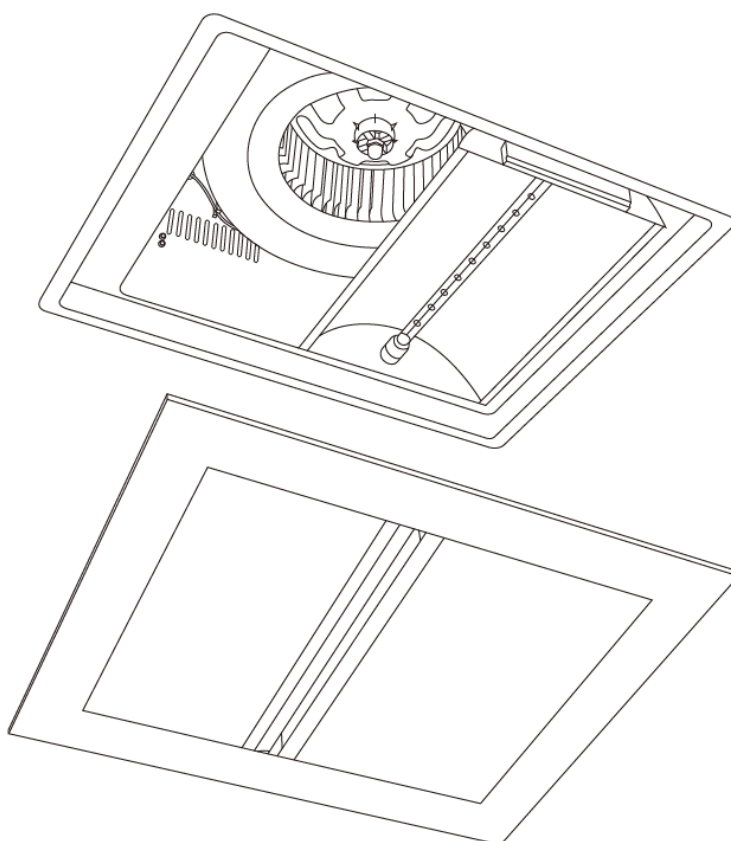
**Fig. 9**

13. Attach the draft stopper outlet attachment (E) to the exhaust fan outlet (C).
14. Insert the THERMALITE PRO MINI (without the fascia) into the installation hole (Completed in Step 3) and push up. (Fig. 10) The 4 metal strip springs (Fig. 11) will be push in, and then push back out to secure the THERMALITE PRO's body into the cutout in the ceiling.

**Fig. 10**

**Fig. 11**

15. Reconnect the LED light power connector on the back of the fascia to the THERMALITE PRO MINI, then reinstall the fascia back onto the body. Ensure the LED power connector and wires are not near the heat lamp while replacing fascia. (Fig. 12)

**Fig. 12**

16. Switch ON to check the function and operation as per described in the “USE AND OPERATION” section are correct.

USE AND OPERATION

Your THERMALITE PRO Mini Fan with LED Light is controlled by a 3 gang wall control. Each switch turns on and off each function individually as follows:

- Light
- Exhaust Fan
- Heat

NOTE: The THERMALITE PRO 3 in 1 is equipped with a thermal switch which automatically turns on the power supply to the exhaust fan once the internal air temperature of the unit reaches 55 degrees Celsius.

It is also equipped with a thermal cut-off switch which cuts off the power supply to the heat lamps once the internal air temperature of the unit reaches 80 degrees Celsius.



Fig. 13

Light: LED Light 10W 840 Lumens 3000K 4000K 5000K

MAINTENANCE

- Always turn off the power and ensure the appliance has cooled before cleaning or replacing a heat lamp.
- The LED light panel is permanently fixed to the fascia and cannot be separately replaced.
- Use only warm soapy water and a soft cloth to clean the fascia and glass panel, ensuring excess water doesn't come into contact with the LED Light panel.

Removing/Replacing the Heat Lamp

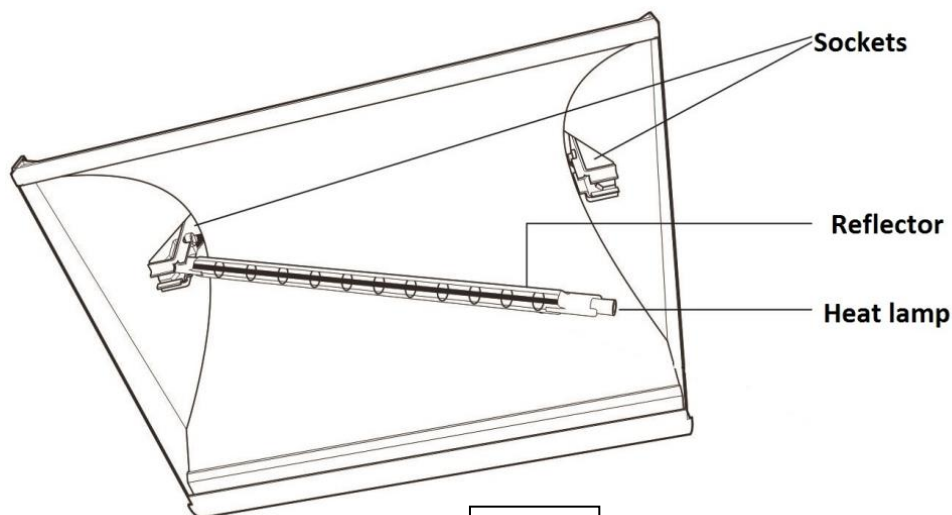


Fig. 14

1. Ensure the THERMALITE PRO is switched OFF and cooled down. Then remove the Fascia.
2. Twist and un-plug the LED light power connector on the back of the Fascia.
3. Remove the heat lamp by pushing at one end of the lamp to allow the heat lamp to free, as both ends of the lamp holder secures the lamp via springs.
4. Replace the heat lamp. Ensure that the lamp caps are seated correctly in the lamp holder.
5. Reconnect the LED light power connector and replace the fascia.

NOTE: Avoid touching the replacement Heat Lamp with your bare hands, as any contamination or oils on the glass surface of the lamp can create hot-spots and shorten its life expectancy.

SPECIFICATIONS	
SKU #	200296
Colour	White
Insulation class	Class I
IP rating	IPX2
Rated Voltage	220-240V~ 50Hz
Total Rated Wattage	575W (LED Light:10W / Exhaust Fan:65W / Heat Lamp: 1x 500W)
LED Light Specs	LED 10W, 840 Lumens, 3000K-4000K-5000K
Lamp Holder	R7s type (Max. 1 x 500W heat lamp)
Max. Airflow	530 m ³ /H
Cut-out size	325mm x 400mm
Dimensions	L430mm W350mm H210mm
Exhaust outlet / Duct size	Φ 150mm
Weight	4.2kg

Lucci

BATHROOM HEATER WARRANTY CARD

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Every Lucci Air THERMALITE PRO MINI 3 in 1 is thoroughly inspected and tested before being released for sale. In addition to any warranties or conditions implied by applicable Statute or Regulation, Lucci Design warrants all of its bathroom heaters against defective workmanship and faulty materials for thirty six (36) months from the original date of purchase. Lucci Design undertakes, at its option, to repair or replace, free of charge, each product or part thereof subject to the below warranty conditions;

- 1) The fan or relevant part has not been modified, subjected to misuse, neglect, or been involved in an accident.
- 2) The repairs are not required as a result of normal wear and tear.
- 3) The product was installed by a licenced electrical contractor in accordance with this instruction manual.
- 4) No solid state speed control device has been used with the appliance.
- 5) A copy of the original receipt of purchase is presented.
- 6) Globes supplied are not covered by this warranty

Lucci Design cannot be held responsible for any repair other than those carried out by it or one of its Authorised Service Agents. Please keep this warranty form in a safe place. This form must be produced in the event of service being required.

IN THE EVENT OF SERVICE BEING REQUIRED, PLEASE CALL THE LUCCI FAN WARRANTY HOTLINE ON 1800 602 243 BETWEEN 9AM & 5PM (E.S.T) MONDAY TO FRIDAY ENSURING THAT YOU HAVE THE FOLLOWING DETAILS ON HAND:

MODEL (SKU) NUMBER: _____
DATE OF PURCHASE: _____
RETAILER: _____
RECEIPT NUMBER: _____
INSTALLED BY: _____
LICENCE #: _____ PH: _____
DESCRIPTION OF FAULT: _____
