

### PLATINUM SMART-HEAT™ ELECTRIC HEATERS BY BROMIC

### LOW CLEARANCE (LC) CEILING RECESS INSTALLATION INSTRUCTIONS

FOR MODELS 2300W, 3400W & 4500W

#### **WARNING**

This heater **MUST** be permanently installed by an authorised/licenced person. Do not perform maintenance, or carry out installation or assembly procedure while electrical power is switched on. Wait 2 hours after switching off the heater before handling.

#### **WARNINGS**

Joists, beams and rafters shall not be cut or notched to install the heater.

Instructions below are suitable for ceiling surfaces 10-30mm (0.39"-1.2") thick. For ceiling surfaces thicker than 30mm (1.2"), contact Bromic for alternative installation options.

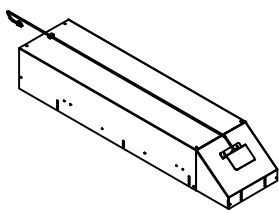
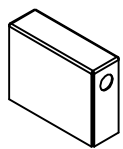
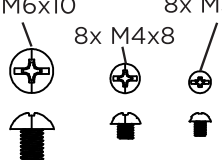
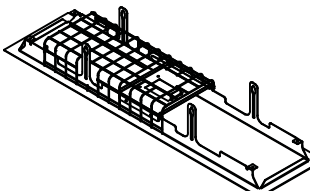
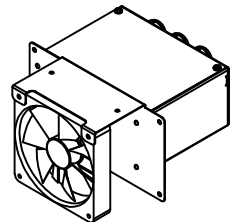
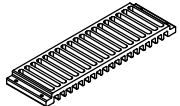
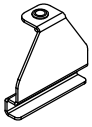
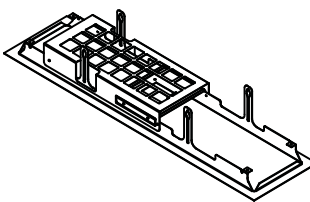
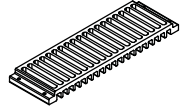

The heater shall, under no circumstance, be covered with insulating material or similar material.

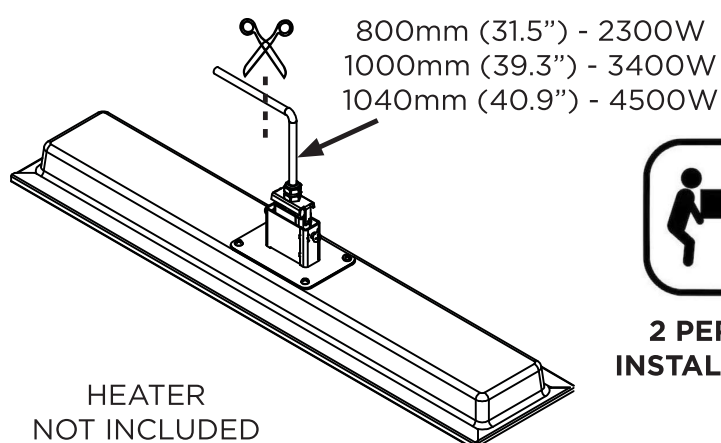
It is important that regular maintenance is carried out on the heater to maintain appearance. Inspect and clean more frequently in adverse conditions such as coastal environments.

In ceiling recess installation, the heater must be completely protected against water contact from above.

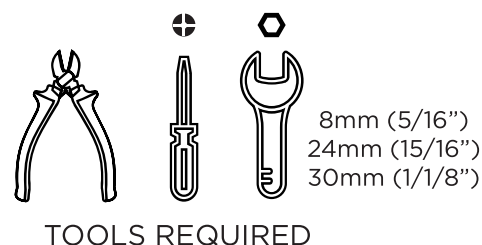


**QR CODE  
INSTALLATION INSTRUCTIONS**

 <b>CEILING RECESS BOX</b> 1x	 <b>IP COVER</b> 1x	 <b>HARDWARE</b>	 <b>TRIM ASSEMBLY (STANDARD)</b> 1x
 <b>TERMINAL BOX</b> 1x	 <b>VENT COVER BLACK</b> 2x	 <b>VENT COVER TRIMS</b> 4x	<p><b>OR</b></p>  <b>TRIM ASSEMBLY (MARINE)</b> 1x
	 <b>VENT COVER WHITE</b> 2x	 <b>N2 WAGO CONNECTOR</b> 1x (2300W/3400W) 2x (4500W)	



**2 PERSON  
INSTALLATION**



#### **IMPORTANT**

READ THIS MANUAL CAREFULLY. SEE INSIDE COVER FOR IMPORTANT INFORMATION ABOUT THIS MANUAL. KEEP INSTRUCTIONS WITH APPLIANCE FOR FUTURE REFERENCE.

This manual contains important information about the installation, operation, and maintenance of the Low Clearance Ceiling Recess Kit for the Platinum Smart-Heat Electric Heaters. Please pay close attention to the important safety information shown throughout this instruction manual.

Any safety information will be accompanied by the following safety alert symbols:





 DANGER,  WARNING,  IMPORTANT





- Read this manual carefully before installing or servicing this product.
- Improper installation, operation, or maintenance can result in death, severe injury, or property damage.
- This appliance is intended for fixed installation with voltage as specified on the power rating label.
- Installation MUST be carried out by a licensed and authorised technician in accordance with local electrical codes.
- The Platinum Smart-Heat™ Electric Heater is intended for domestic and commercial use, unless otherwise specified.
- **The marine grade versions of the LC Ceiling Recess Kit shall be installed for land and coastal environment application ONLY.**
- **The IPX5 marine grade version of the LC Ceiling Recess Kit shall NOT be installed on marine craft.**

## SAVE THESE INSTRUCTIONS

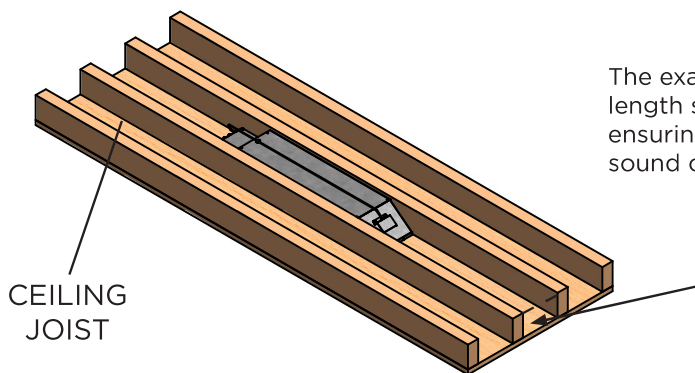
Head Office: 10 Phiney Place, Ingleburn, NSW 2565 Australia  
Telephone: 1300 276 642 (within Australia) or +61 2 9748 3900 (from overseas) Fax: +61 2 9748 4289  
Email: [info@bromic.com](mailto:info@bromic.com) Web: [www.bromic.com](http://www.bromic.com)

Note: Bromic Pty Ltd reserves the right to make changes to specifications, parts, components and equipment without prior notification.  
This installation, operation and service manual may not be reproduced in any form without prior written consent from Bromic Pty Ltd.

SPECIFICATIONS		LC Ceiling Recess Kit							
Model		Standard				Marine			
Part No.	US/EU	BH3623009		BH3623008		BH3623011		BH3623010	
	AU	2623009		2623008		2623011		2623010	
Total Ouput - Kit + Heater		2300W		3400W		2300W		3400W	
Power connection required (volts/amps)		208V - A.C - 60HZ - 11.1A	220-240 - A.C - 50/60Hz - 9.6A	208V - A.C - 60Hz - 16.3A	220-240 - A.C. - 50/60Hz - 14.2A	208V - A.C - 60HZ - 11.1A	220-240 - A.C. - 50/60Hz - 9.6A	208V - A.C - 60Hz - 16.3A	220-240 - A.C. - 50/60Hz - 14.2A
Overall Dimensions (L x W x H)		1039 x 261 x 175 mm (40.9 x 10.3 x 6.9 ")		1475 x 261 x 175 mm (40.9 x 10.3 x 6.9 ")		1039 x 261 x 175 mm (40.9 x 10.3 x 6.9 ")		1475 x 261 x 175 mm (40.9 x 10.3 x 6.9 ")	
Weight		11kg (24.3lb)		14kg (31lb)		11kg (24.3lb)		14kg (31lb)	
Finish		Brushed Stainless Steel 304				Brushed Stainless Steel 316			
Approval		<div><div></div><div></div><div></div><div> Intertek</div></div>							

SPECIFICATIONS		LC Ceiling Recess Kit			
Model		Standard		Marine	
Part No.	US/EU	BH3623012		BH3623013	
	AU	BH3623012		BH3623013	
Total Ouput - Kit + Heater		4500W		4500W	
Power connection required (volts/amps)		208V - A.C - 60HZ - 11.1A	220-240 - A.C - 50/60Hz - 9.6A	208V - A.C - 60HZ - 11.1A	220-240 - A.C. - 50/60Hz - 9.6A
Overall Dimensions (L x W x H)		1595 x 338 x 178 mm (62.8 x 13.3 x 7 ")		1595 x 338 x 178 mm (62.8 x 13.3 x 7 ")	
Weight		25kg (55.1lb)		25kg (55.1lb)	
Finish		Brushed Stainless Steel 304		Brushed Stainless Steel 316	
Approval		<div><div></div><div></div><div></div><div> Intertek</div></div>			

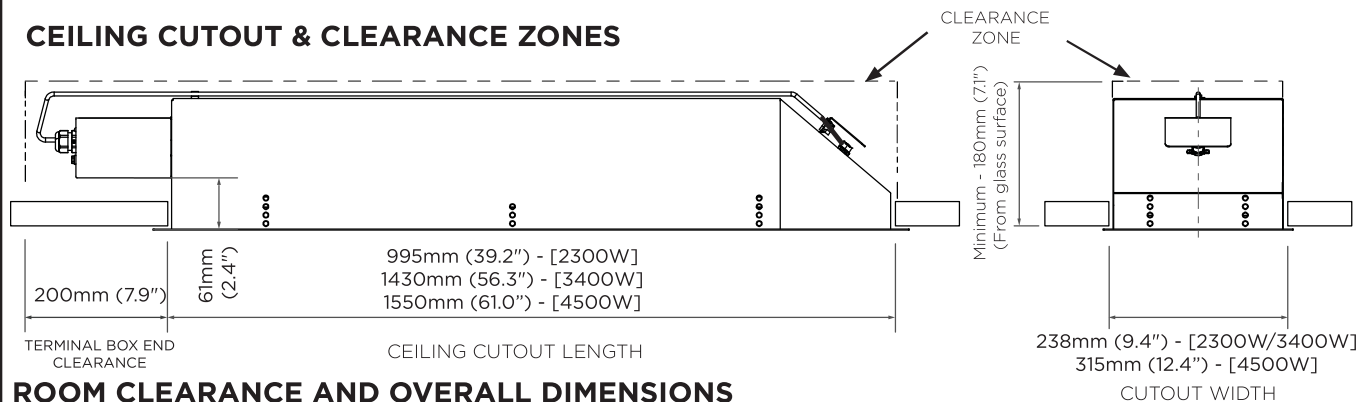
# ISOMETRIC VIEW DEPICTING LOW CLEARANCE RECESS KIT INSTALLATION SETUP OPTIONS



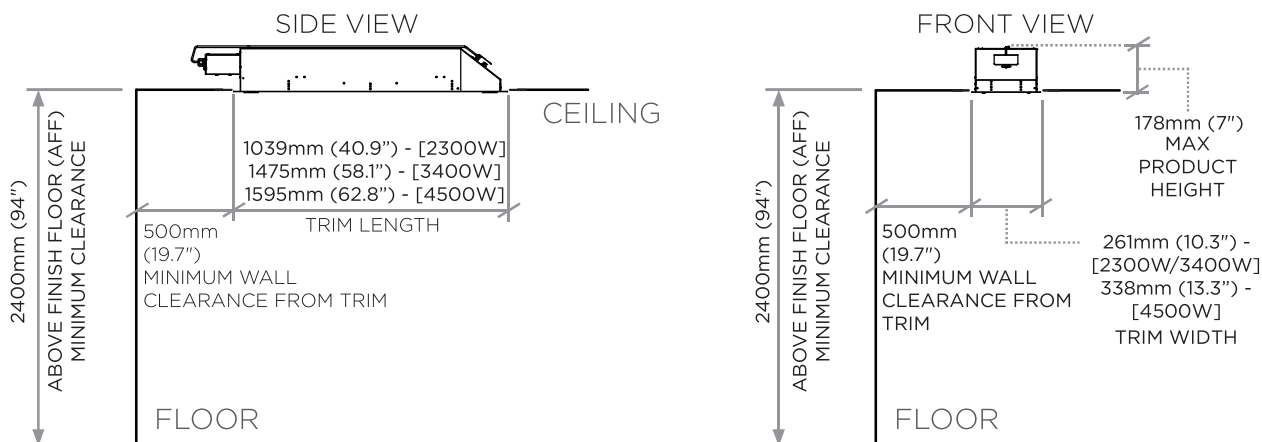
The example depicts the recess kit fixed on the length sides only. The installer is responsible for ensuring product is installed in a structurally sound configuration.

MINIMUM GAP BETWEEN JOISTS  
240mm (9.4") - [2300W/3400W]  
317mm (12.5") - [4500W]

## CEILING CUTOUT & CLEARANCE ZONES



## ROOM CLEARANCE AND OVERALL DIMENSIONS



### ⚠ WARNING

The appliance shall, under no circumstances, be covered with insulating material or similar material.

Minimum vertical ceiling space clearance between the ceiling recess box and ceiling surface must be 180mm (7.1").

Minimum clearance measured from the terminal box end to the nearest surface must be 200mm (7.9").

Minimum clearance from the ceiling cutout and the nearest wall must be 500mm (19.7").

Minimum distance between heaters measured from edge of ceiling cut out must be 500mm (19.7") with exception for Australia/New Zealand minimum 2000mm (78.7")\*.

Minimum distance between the heater surface and finished floor is 2400mm (94").

#### \*Note:

Under AS/NZ 60335.2.30:2015 clause 7.12.1 specifies 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.

Maximum gradient of mounting from horizontal is 6.4mm (1/4") over a 25.4mm (1.0") slope. Control box must be mounted at lowest end.

## Standard Versions

Ensure that the heating unit is not directly exposed to rain or water contact. For the longest product life and to maintain product appearance, mount the heater under cover and protect from rain and weather.

## Marine Versions

In a salt-air environment, such as near an ocean, corrosion occurs more quickly than normal. Stainless 316 has been used in the Marine configuration. Salt spray should be cleaned from the heater and recess kit immediately - while the heater and recess kit should undergo cleaning fortnightly to ensure maximum longevity. Use a qualified technician to check yearly for corroded areas and remove from service when heater safety is compromised.

# INSTRUCTIONS START HERE

1. Prepare ceiling cut-out with the dimensions :

2300W - 995mm x 240mm (39.2" X 9.4")  
 3400W - 1430mm x 240mm (56.3" X 9.4")  
 4500W - 1550mm x 317mm (61.0" X 12.5")

Heater must be installed with heater surface at least 2400mm (94") above the finished floor (AFF), with minimum clearance measured from the terminal box end to the nearest surface being 200mm (7.9"). Minimum heater to heater distance measured from edge of heater must be 500mm (19.7"). Refer to the install dimensions on page 3.

Before proceeding with Step 2.

NOTE: Access to cavity space through recess box is restricted.

NOTE: Installations with Bromic controllers in cavity space.

Consider location requirements of Bromic controllers and how to access the Bromic controllers and its wiring before fitting the LC cavity recess box to the ceiling. Refer to page xx for wiring diagram and Controller manual for mounting and sizing details.

2. Fasten the ceiling recess box into ceiling with 6x (minimum) appropriate fasteners (not supplied) along the long edge.

NOTE: The fastening screws must be inserted into a strong material that can easily support the weight of the assembly. Your installation may require re-enforcing before the frame can be safely installed.



## IMPORTANT

It is the installers responsibility to ensure that the installation site is structurally suitable for the mass of the heater installation being 18.5kg (41 lb) [2300W], 24kg (53 lb) [3400W] or 25kg (55.1 lb) [4500W].

## MINIMUM 10 FASTENERS TO BE USED FOR TIMBER MEMBERS.

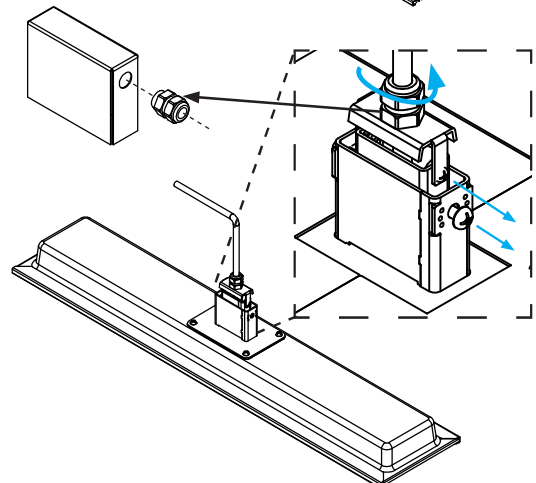
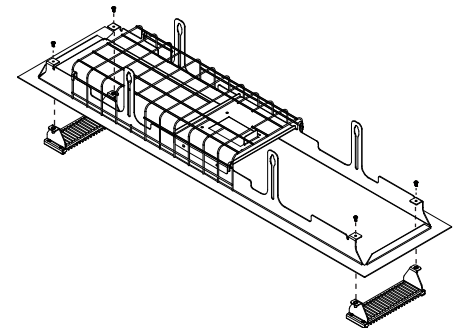
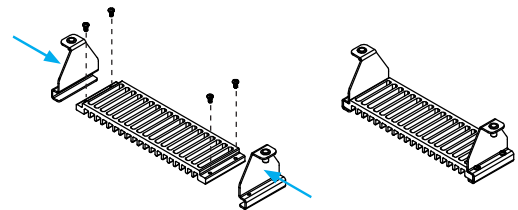
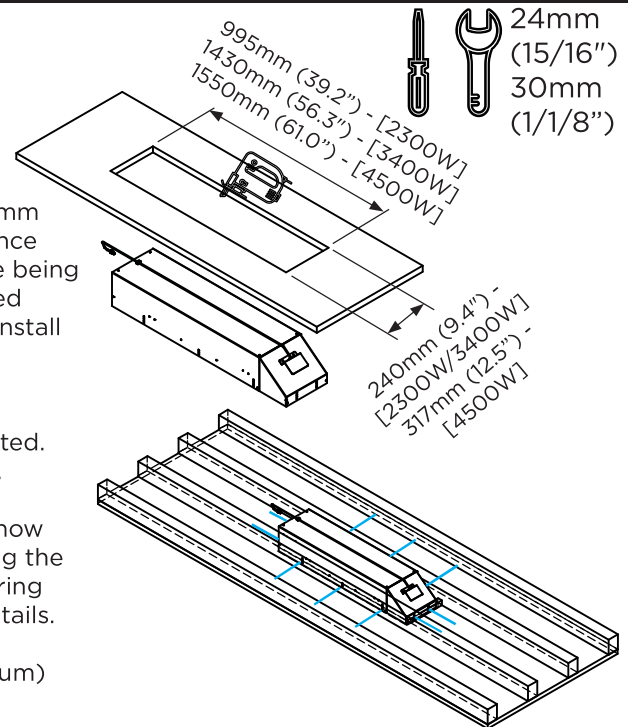
3. Assemble 2x vent covers together using the vent cover trims and 4x **M3x6mm** screws. The colour of the vent covers are to match the heater.

4. Install the assembled vent covers to the end of trim assembly using 4x **M4x8mm** screws.

5. Remove the 2x **M6x14mm** and 2x **M4x8mm** screws on the rear bracket of the heater. Remove the swivel bracket on the heater rear. Loosen the **M16** (2300W/3400W) or **M20** (4500W) cable gland using a 24mm (15/16") or 30mm (1 1/8") spanner and install the removed cable gland onto the IP cover.

ENSURE THE CABLE GLAND NUT IS REINSTALLED ON THE INNER SURFACE OF THE IP COVER.

NOTE: During this process the strain relief device has been removed - Care must be taken to not apply significant load to the cable as this could stress the internal cable crimps and permanently damage the heater.



## CEILING RECESS INSTALLATION INSTRUCTIONS CONTINUED ...

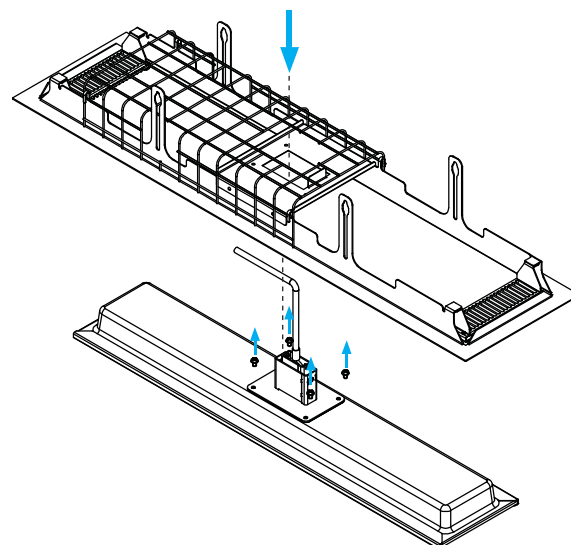


24mm  
(15/16")  
30mm  
(1/1/8")

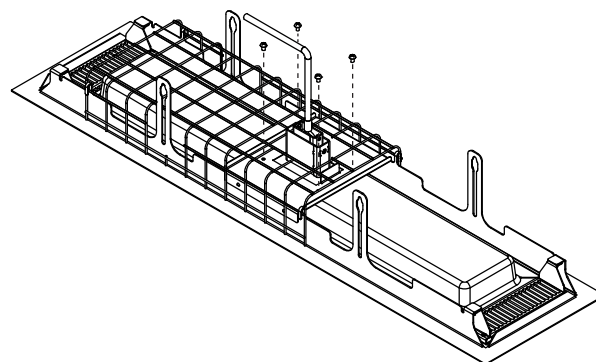
6. Carefully remove the 4x **M5x10mm** screws at the rear of the heater and align the heater trim assembly with the mounting holes.

The cable is fed through the opening in the centre of the trim assembly.

NOTE: REAR HEATER BRACKET IS  
**NOT TO BE REMOVED.**

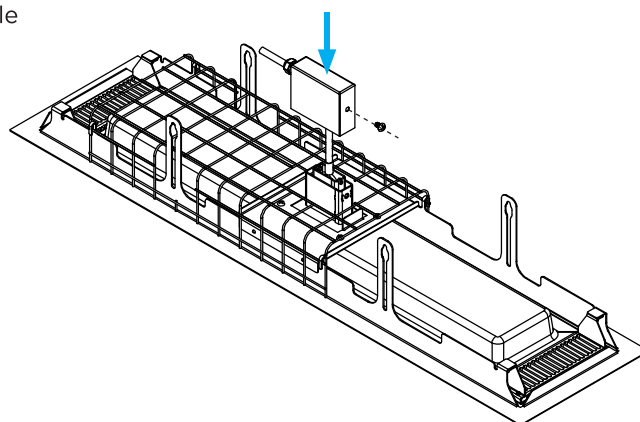


7. Re-install the 4x **M5x10mm** screws to attach the heater to the trim assembly.



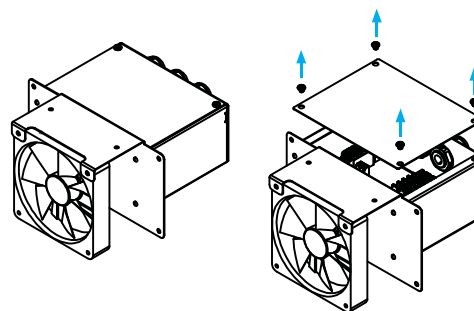
8. Feed the heater cable through the IP cover and cable gland. Attach the IP bracket to the heater using the **M6x10mm** screw.

When in location, ensure the **M16** (2300W/3400W) or **M20** (4500W) cable gland is fastened using a 24mm (15/16") or 30mm (1/1/8") spanner.

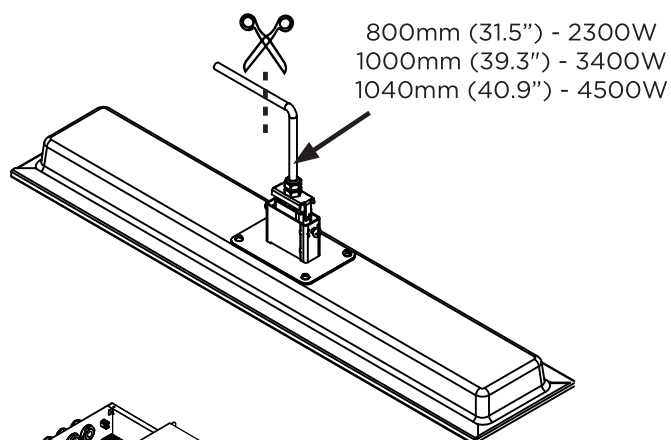




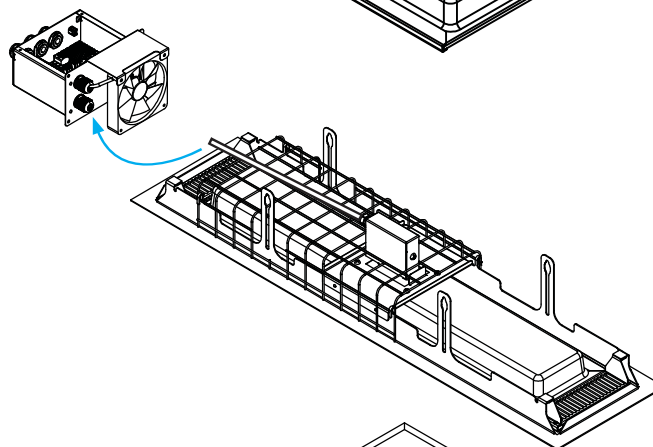
9. Remove the lid of the terminal box by removing the 4x **M4x8mm** screws and set aside for re-assembly.



10. Cut down the heater cable no shorter than 800mm (31.5") for 2300W, 1000mm (39.3") for 3400W or 1040mm (40.9") for 4500W measured from the cable gland.

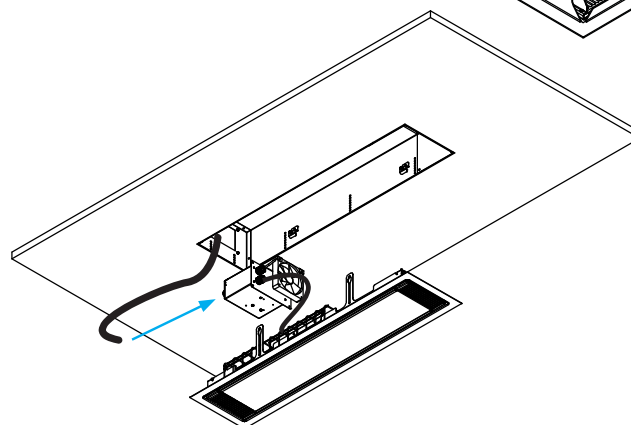


11. Feed the heater cable through the lower **M16** (2300W/3400W) or **M20** (4500W) cable gland located on the terminal box. Ensure that the cable gland is tightened.



12. Feed the mains (and control cables if applicable) through the terminal box cut-out in the heater box.

Refer to the wiring diagram diagrams on the next page



**For installs using a Bronic Dimmer (sold separately) OR On/Off Controller (sold separately), please refer to the electrical diagram on page 11.**

**For installs using a manual wall switch (not supplied), please refer to the electrical diagram on page 14.**

**Comprehensive electrical diagrams can be found on page 18.**

## CEILING RECESS INSTALLATION INSTRUCTIONS CONTINUED ...

13. Once all connections have been made, use the supplied 4x **M4x8mm** screws to close the terminal box.

**MIN 2 PEOPLE REQUIRED  
FOR FOLLOWING STEPS.**



**MAX SAFE LIFTING 16 kg  
(26.5 lbs) PER PERSON.**

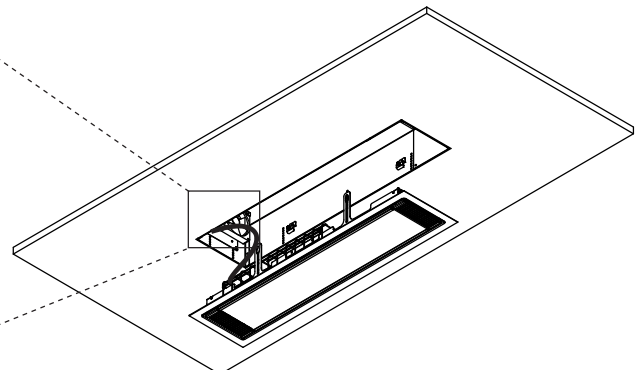
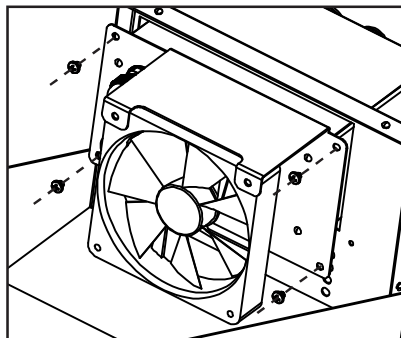
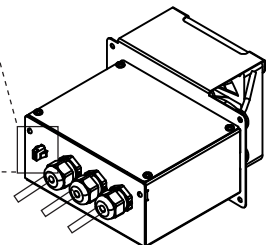
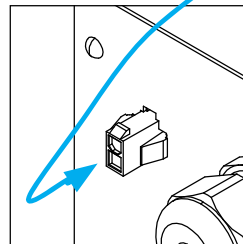
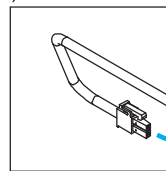
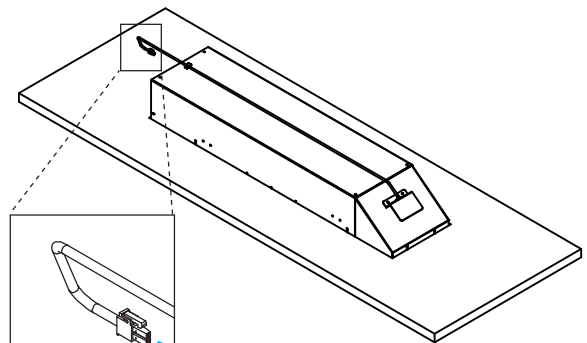
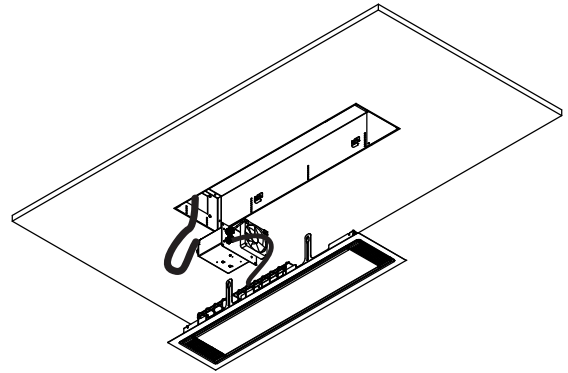
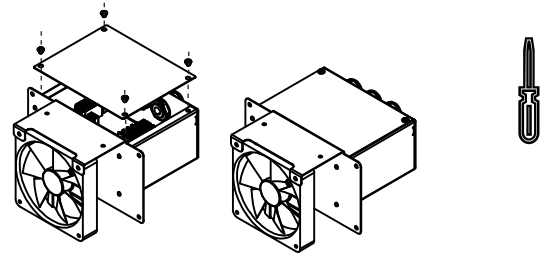
14. Bring the heater and terminal box up onto stable work platform closer to the terminal box cut-out end.

**! IMPORTANT**  
**ENSURE THE FRONT GLASS OF THE  
HEATER IS PROTECTED BEFORE  
PLACING ON TOP.**

15. Before installing the terminal box - retrieve the thermal cut-off switch cable. Plug it into thermal cut-off switch receptacle at the rear of the terminal box.

**! WARNING**  
**Heater will not function unless the  
thermal cut-off switch plug is inserted  
into receptacle on rear of terminal box.**

16. Fasten the terminal box into the ceiling recess box using 4x **M4x8mm** screws.





## CEILING RECESS INSTALLATION INSTRUCTIONS CONTINUED ...

17. Attach the trim assembly to the ceiling recess box by hooking on one side of the mounting tab features to 2x **M5x12mm** hex flange bolts.

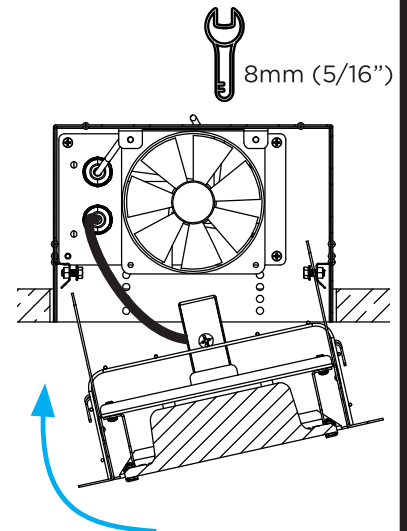
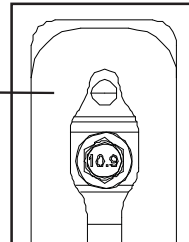
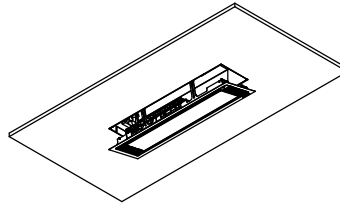
Ensure heater cable placement is on the inside of the mounting hooks.

Mounting tab feature

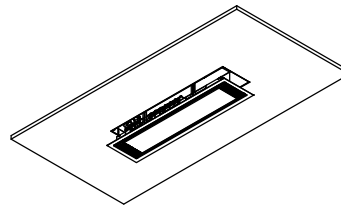


### IMPORTANT

**Ensure heater cable placement is on the inside of the mounting hooks.**

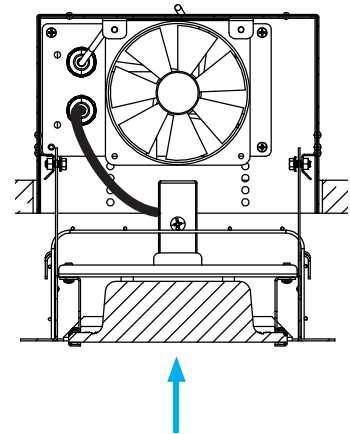


18. Rotate the trim assembly and attach the other side of the mounting tabs to the other 2x **M5x12mm** hex flange bolts.



### WARNING

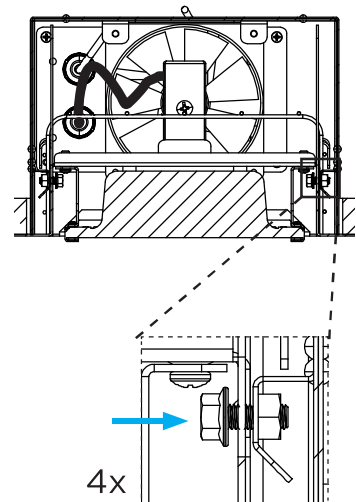
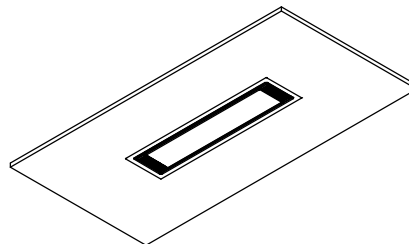
**The heater supply cable MUST completely rest on the support structure. The supply cable MUST NOT be touching the rear surface of the heater.**



19. Raise up the heater trim assembly so it is flush with the ceiling.

Tighten the 4x **M5x12mm** hex flange bolts using a 8mm (5/16") spanner to secure the heater in place.

Check heater alignment is flush with the ceiling before tightening the screws.



## ELECTRICAL INSTALLATION

1. Check product label for correct voltage and wattage to ensure sure power source conforms to the heaters requirements.
2. The power cable must be positioned away from & protected from the enclosure of the heater.
3. Make all connections in accordance with local electrical code regulations. For outdoor installation, all connections must be made in accordance with local electrical code regulations for outdoor wiring. Only use wiring components approved for outdoor use with minimum IPX5 rating.



### WARNING

This heater **MUST** be permanently installed by an authorised/licenced person. Do not perform maintenance, or carry out installation or assembly procedure while electrical power is switched on. To disconnect heater, turn off power to heater circuit at main disconnect panel.



### WARNING

**ELECTRICAL SHOCK HAZARD!** Serious injury or death may occur. Disconnect from electrical supply before installing or servicing this heater. Read and follow installation clearance requirements outlined in this manual. The appliance **MUST** be connected to a properly grounded electrical source.

**For wiring instructions using Bromic SmartHeat Dimmer(s) or ON/OFF Control(s) refer to instructions provided with controller.**

**IMPORTANT: Electronic dimmer controls generate heat during operation. For Bromic heaters installed Bromic SmartHeat Dimmer(s) or ON/OFF Control(s) it is essential to ensure dimmers are mounted in a clean, dry and well ventilated position with clearance on all sides. It must be ensured the dimmers are not installed in a confined space, close to other heat generating appliances or in the case of a multi-dimmer installation, not too close together. Dimmers must remain cool at all times. Please consult Bromic dimmer installation instructions for further details or for further questions please contact Bromic technical support services.**

## SERVICING



### WARNING

**ELECTRICAL SHOCK HAZARD!** Serious injury or death may occur. Disconnect from electrical supply before servicing this heater.



### WARNING

Servicing and maintenance **MUST** be carried out by an authorised and licenced service person only. Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.



### WARNING

If the supply cord is damaged, it must be replaced by Bromic, a service agent of Bromic or similarly qualified persons in order to avoid a hazard. Contact Bromic for further information on replacement of the supply cord.

## MAINTENANCE

Ensure that the heating unit is not directly exposed to rain or water contact. For longest product life, and to maintain product appearance, mount heater under cover and protect from rain and weather whenever possible.

The exterior housing of the heater should be cleaned fortnightly. To clean the appliance; ensure heater is off, and has been off for at least 2 hours after operation, before wiping off any dirt/dust with a soft damp cloth.

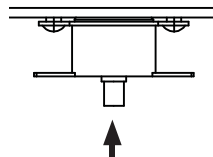
Salt in the air can cause rusting of metal, especially in coastal environment. Additional cleaning of the heater with a soft damp cloth fortnightly will aid in maintaining the product's appearance.

## TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
No heat	1. Improper Connection 2. Self resetting thermal switch not plugged in 3. Non-self resetting thermal switch has triggered.	1. Check connection to power supply 2. Check self resetting thermal switch is plugged in (see step 14). 3. Reset Non-self resetting thermal switch located inside terminal box (see electrical diagram).
Not enough heat	1. Heater too small for application 2. Heater mounted too high or too far 3. Incorrect voltage connected to heater.	1. Add additional heater(s) 2. Decrease mounting height or distance. 3. Check correct supply voltage and current is provided
Too much heat	1. Heater too large for application 2. Heater mounted too low or too close 3. Incorrect voltage connected to heater	1. Replace with smaller heater 2. Increase mounting height or distance 3. Check correct supply voltage is provided.

### Non-self resetting thermal switch

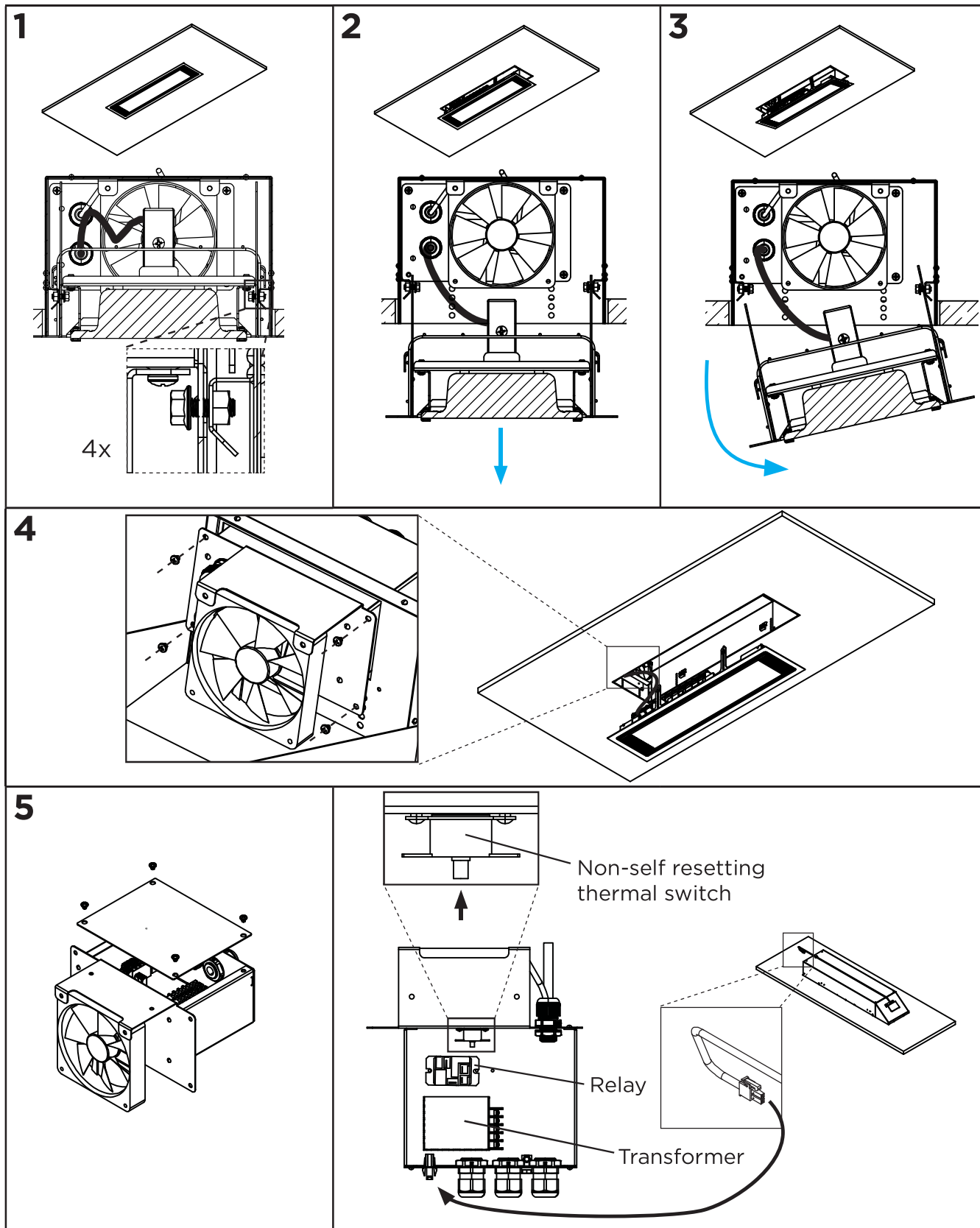
In the event that the temperatures exceed safe operating limits, the non-self resetting thermal switch will trigger. This may be due to the fan being damaged or the heater is operating at a high ambient temperature. To reset the switch, push down on the reset button at the middle of the switch. THE LOCATION IS SHOWN ON PAGE 10,



### WARNING

Ensure circuit is not live before attempting to reset the safety switch.

## QUICK GUIDE FOR ACCESSING TERMINAL BOX

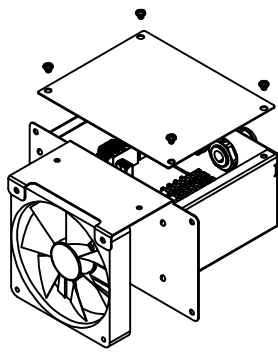


REFER TO WIRING DIAGRAMS ON PAGE 18.

IF THE PRODUCT IS STILL NOT WORKING CONTACT BROMIC FOR ADDITIONAL TECHNICAL SUPPORT.

# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 2300W/3400W (FOR USE WITH DIMMER OR ON/OFF)

**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**

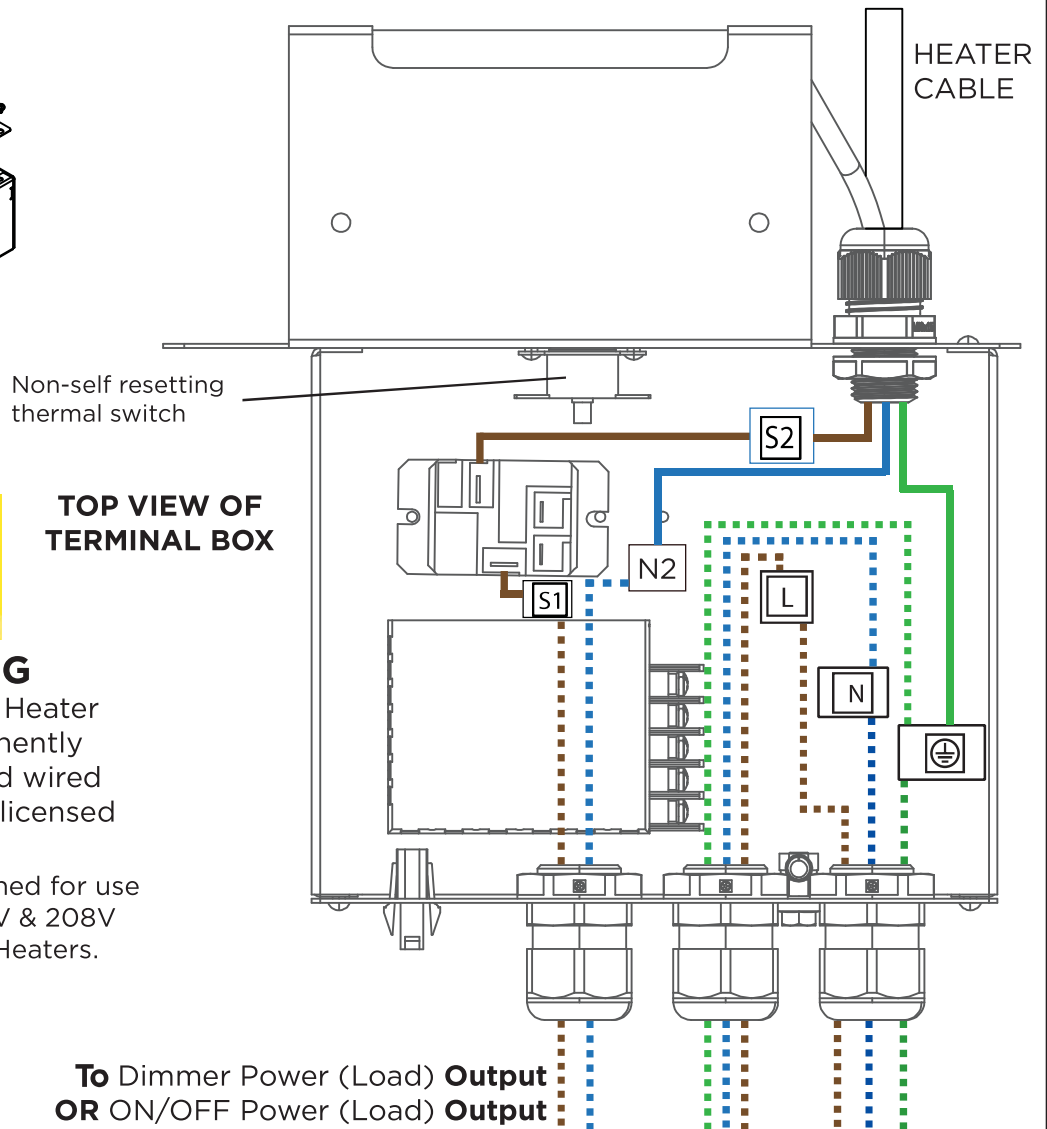


## WARNING

AC Single Phase Heater must be permanently installed and hard wired by an authorised/licensed person.

This product is designed for use with both 220-240V & 208V Platinum Electric Heaters.

## TOP VIEW OF TERMINAL BOX



**WIRES DENOTED BY DASHED LINES ARE SUPPLIED BY THE INSTALLER.**

**To Dimmer Power Supply Input  
OR ON/OFF Power Supply Input**

BROWN	BLUE
LIVE/ACTIVE	NEUTRAL
OR HOT LEG 1	OR HOT LEG 2
OR PHASE A	OR PHASE B
OR PHASE B	OR PHASE C
OR PHASE C	OR PHASE A

**GREEN/YELLOW  
EARTH**

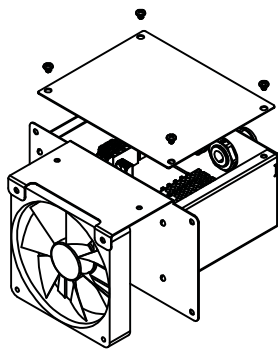
**US ONLY  
240V OR 208V**

## NOTES:

- For wiring instructions using Bromic SmartHeat Dimmer(s) or ON/OFF Controller(s) refer to the instructions provided with the controller.

# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 4500W (FOR USE WITH DIMMER OR ON/OFF)

**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**

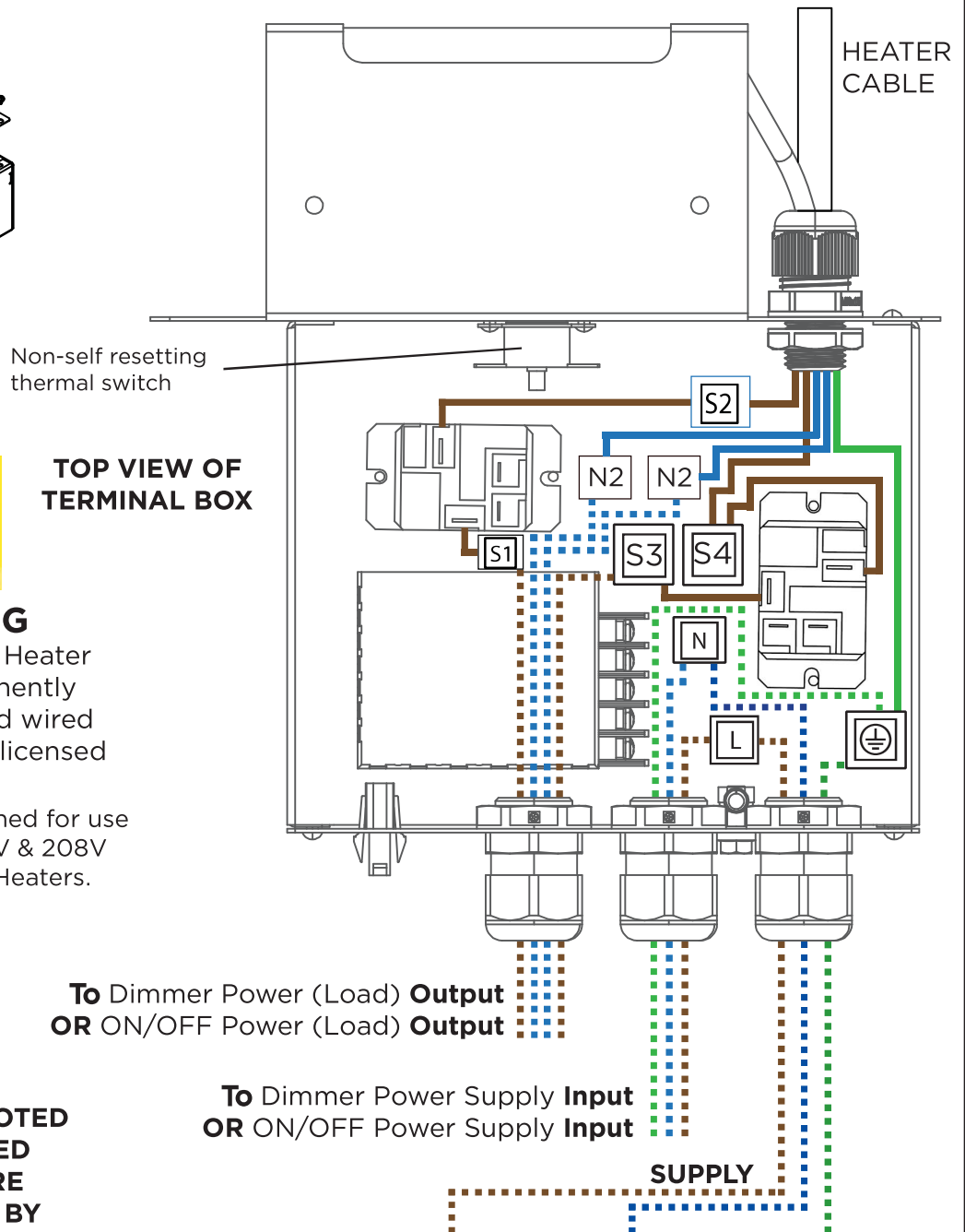


## WARNING

AC Single Phase Heater must be permanently installed and hard wired by an authorised/licensed person.

This product is designed for use with both 220-240V & 208V Platinum Electric Heaters.

## TOP VIEW OF TERMINAL BOX



**WIRES DENOTED BY DASHED LINES ARE SUPPLIED BY THE INSTALLER.**

**To Dimmer Power Supply Input  
OR ON/OFF Power Supply Input**

**To Dimmer Power (Load) Output  
OR ON/OFF Power (Load) Output**

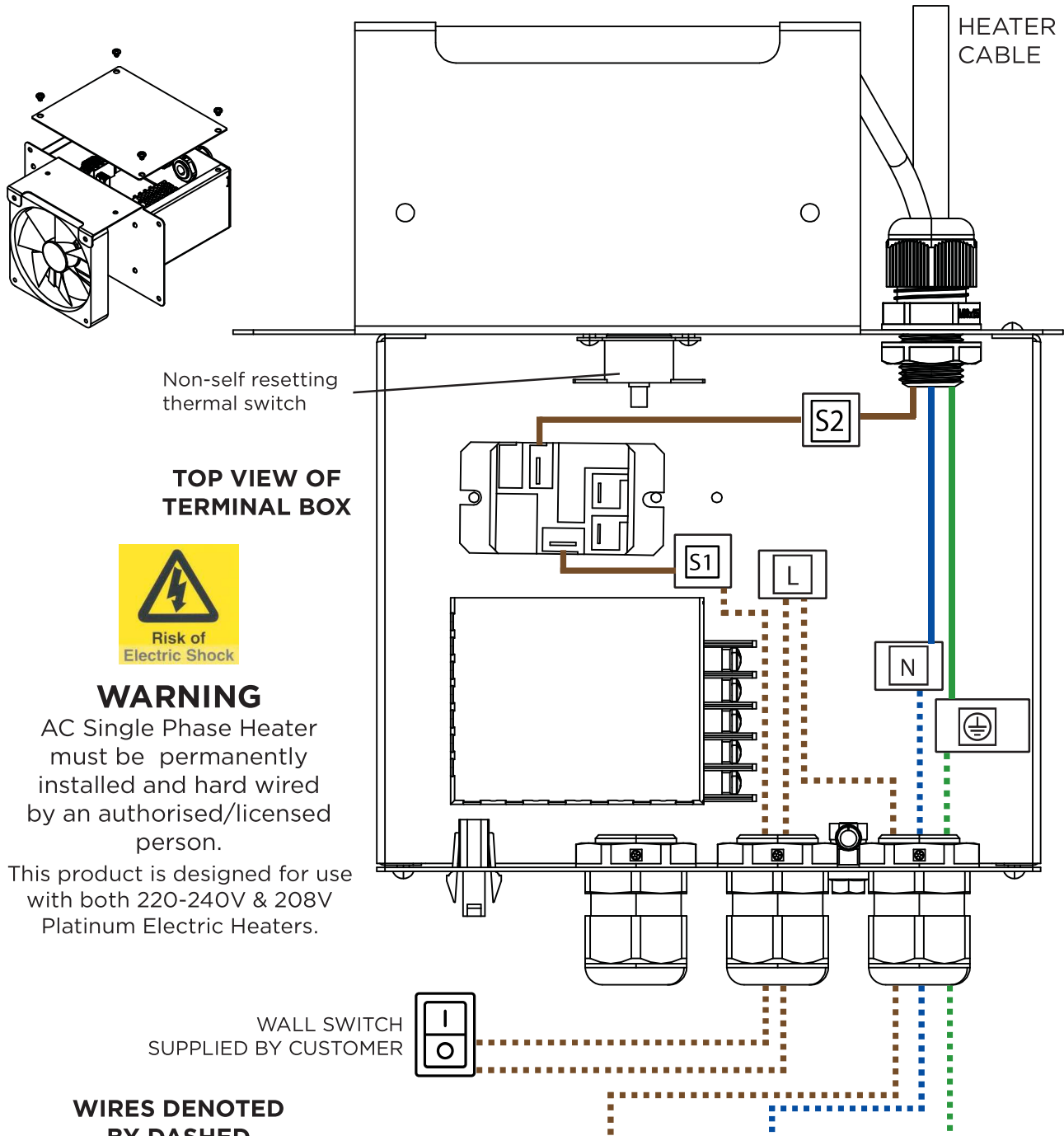
BROWN	BLUE	GREEN/YELLOW
LIVE/ACTIVE	NEUTRAL	EARTH
OR HOT LEG 1	OR HOT LEG 2	US ONLY 240V OR 208V
OR PHASE A	OR PHASE B	
OR PHASE B	OR PHASE C	
OR PHASE C		

## NOTES:

- For wiring instructions using Bromic SmartHeat Dimmer(s) or ON/OFF Controller(s) refer to the instructions provided with the controller.

# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 2300W/3400W (FOR USE WITH WALL SWITCH)

**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**



**WIRES DENOTED  
BY DASHED  
LINES ARE  
SUPPLIED BY  
THE INSTALLER.**

BROWN	BLUE
LIVE/ACTIVE	NEUTRAL
OR HOT LEG 1	OR HOT LEG 2
OR PHASE A	OR PHASE B
OR PHASE B	OR PHASE C
OR PHASE C	OR PHASE A

**GREEN/YELLOW  
EARTH**

**US ONLY  
240V OR 208V**

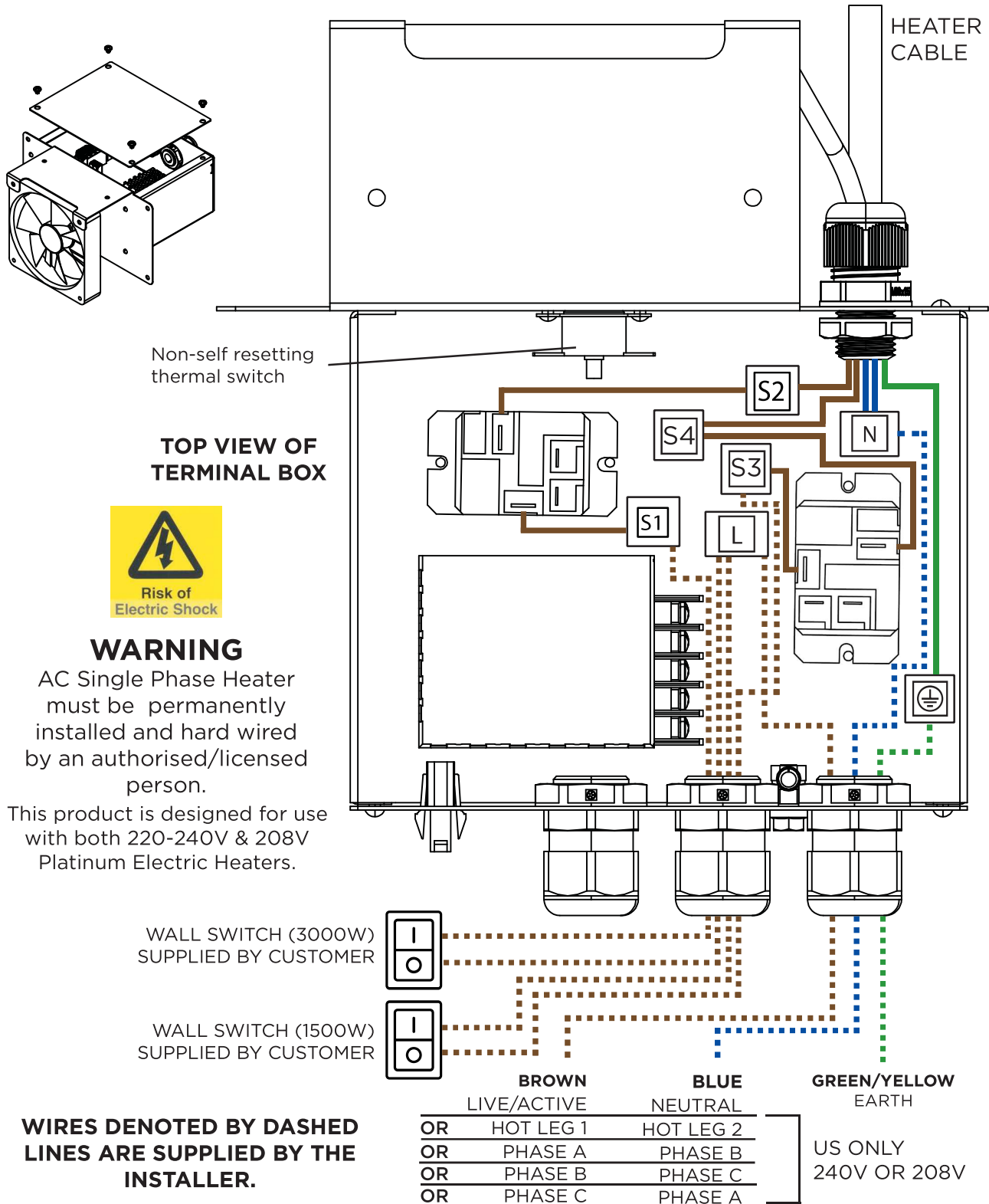
## NOTES:

- The ceiling recess kit is designed for the Platinum Electric SII 2300W, 3400W & 4500W units.



# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 4500W (FOR USE WITH WALL SWITCH)

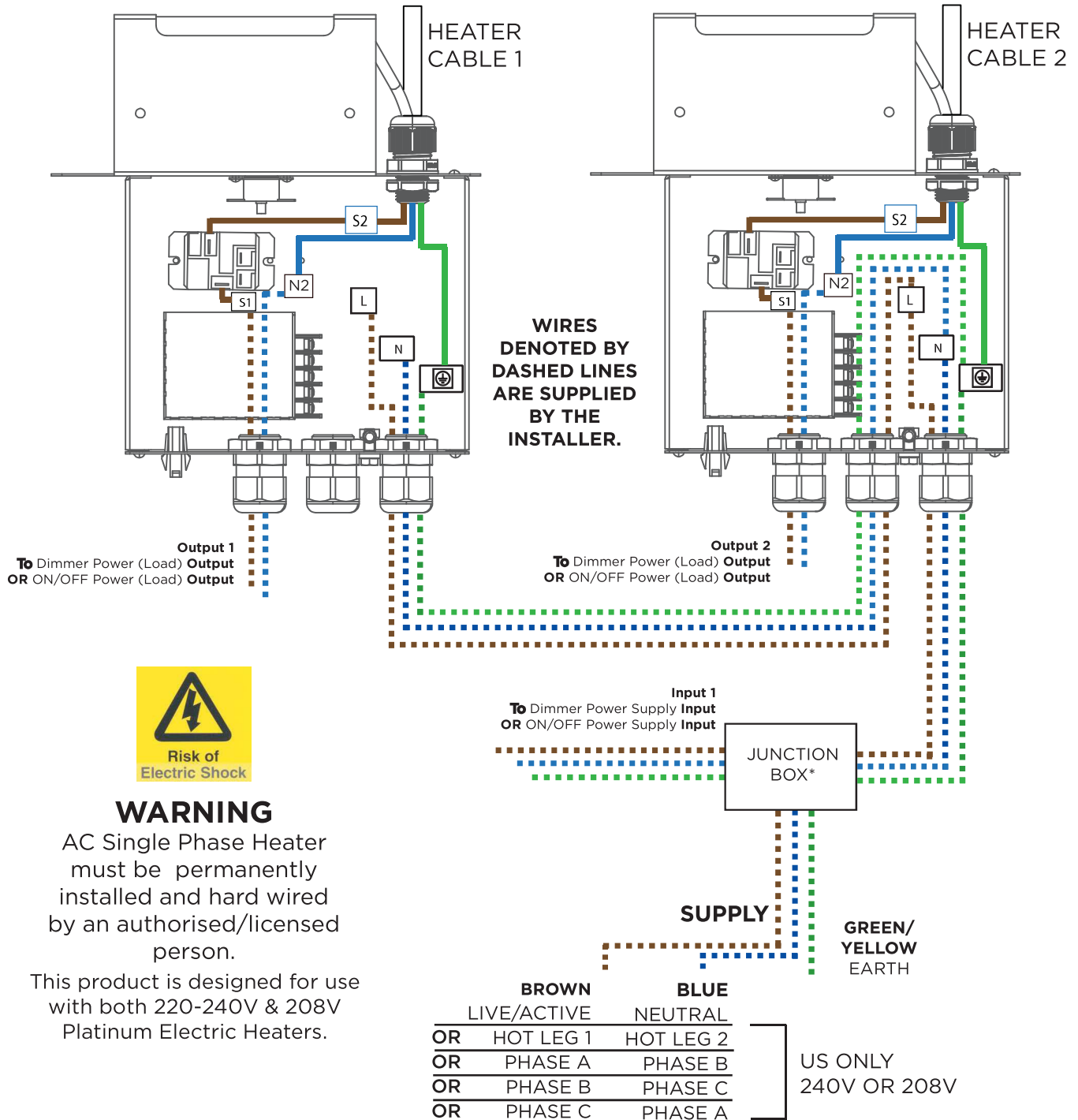
**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**



- NOTES:**
- The ceiling recess kit is designed for the Platinum Electric SII 2300W, 3400W & 4500W units.

# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 2300W/3400W (FOR USE WITH 2 HEATERS ON/OFF OR DIMMER)

**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**



## WARNING

AC Single Phase Heater must be permanently installed and hard wired by an authorised/licensed person.

This product is designed for use with both 220-240V & 208V Platinum Electric Heaters.

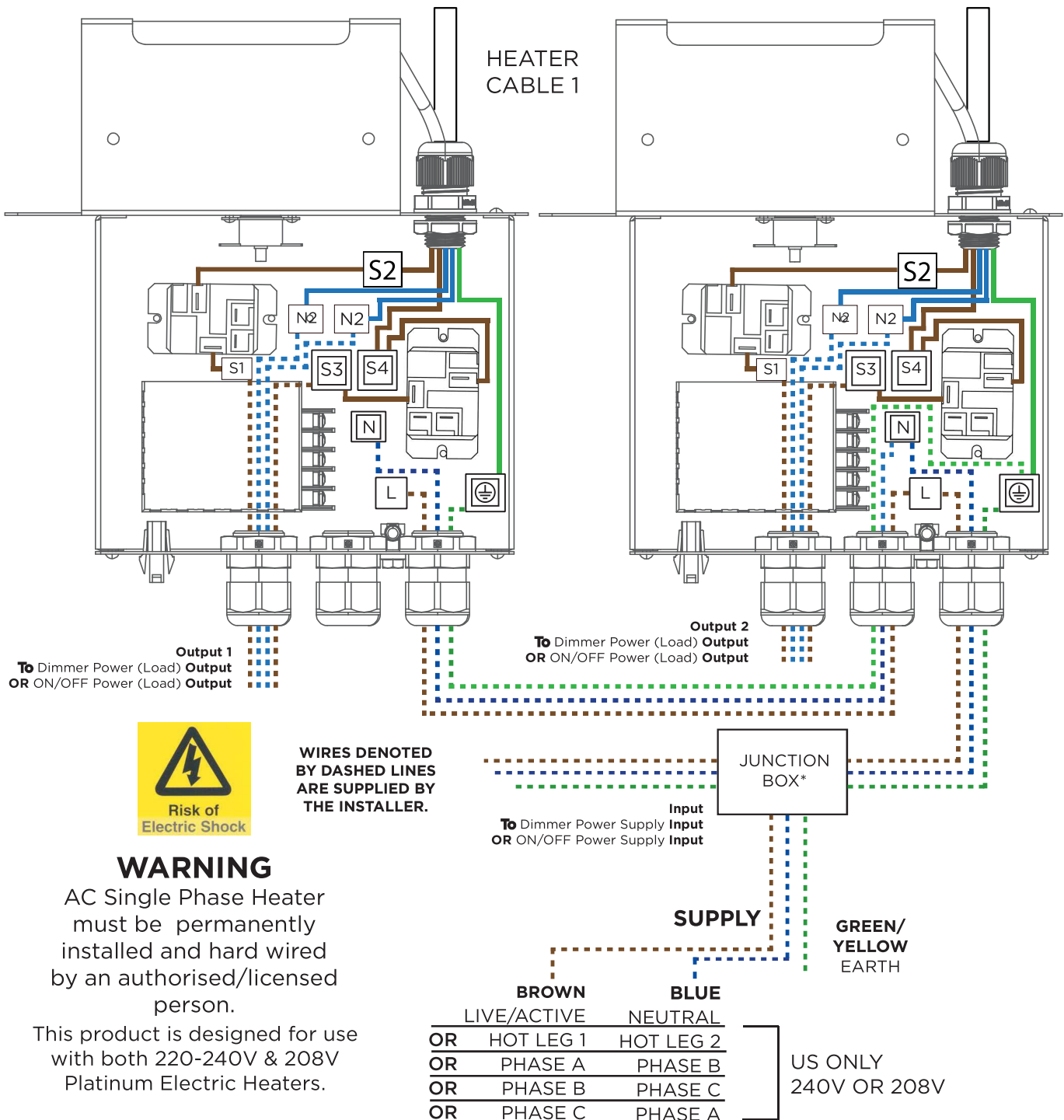
## NOTES:

- For wiring instructions using Bromic SmartHeat Dimmer(s) or ON/OFF Controller(s) refer to the instructions provided with the controller.
- \*The junction box and connections inside must be suitable for the voltage and current capacity of the heaters being installed.

# WIRING DIAGRAM FOR LOW CLEARANCE CEILING RECESS KIT 4500W (FOR USE WITH 2 HEATERS ON/OFF OR DIMMER)

**BELOW IS A SIMPLIFIED DIAGRAM OF THE TERMINAL BOX.**  
ALL CONNECTIONS ADJUSTED BY THE INSTALLER ARE DISPLAYED.  
**ITEMS NOT DISPLAYED SHALL NOT BE MODIFIED.**

HEATER  
CABLE 2



**WIRES DENOTED  
BY DASHED LINES  
ARE SUPPLIED BY  
THE INSTALLER.**

## WARNING

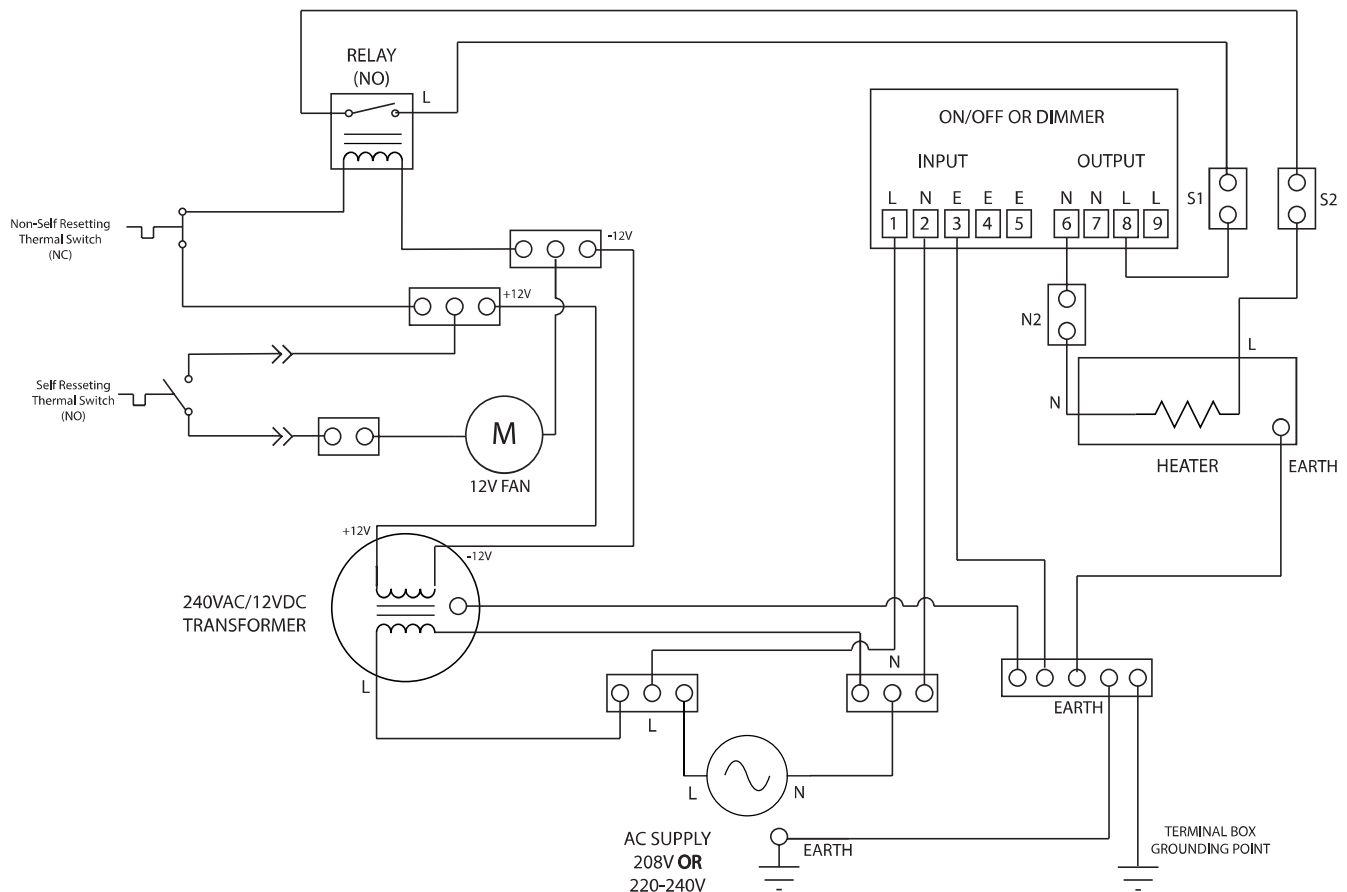
AC Single Phase Heater  
must be permanently  
installed and hard wired  
by an authorised/licensed  
person.

This product is designed for use  
with both 220-240V & 208V  
Platinum Electric Heaters.

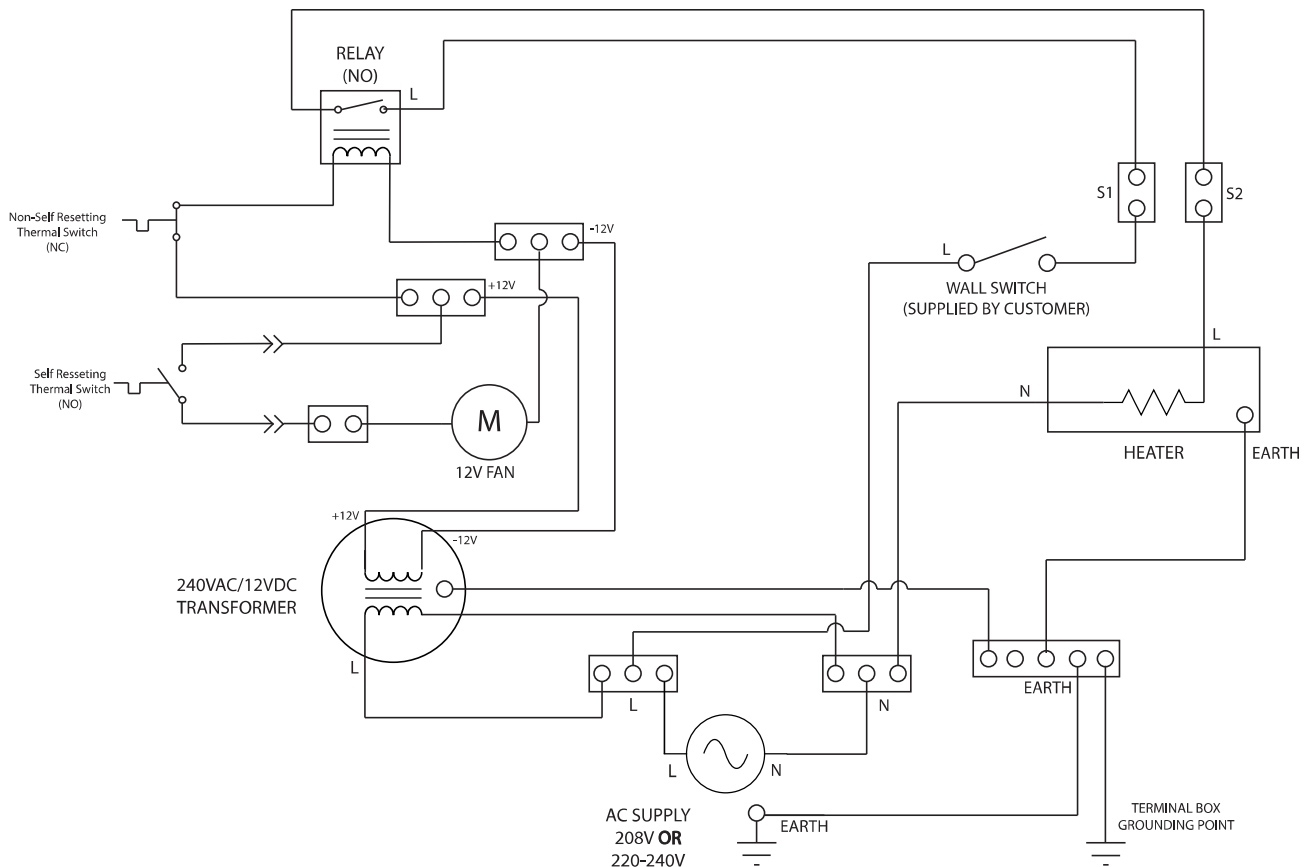
## NOTES:

- For wiring instructions using Bromic SmartHeat Dimmer(s) or ON/OFF Controller(s) refer to the instructions provided with the controller.
- \*The junction box and connections inside must be suitable for the voltage and current capacity of the heaters being installed.

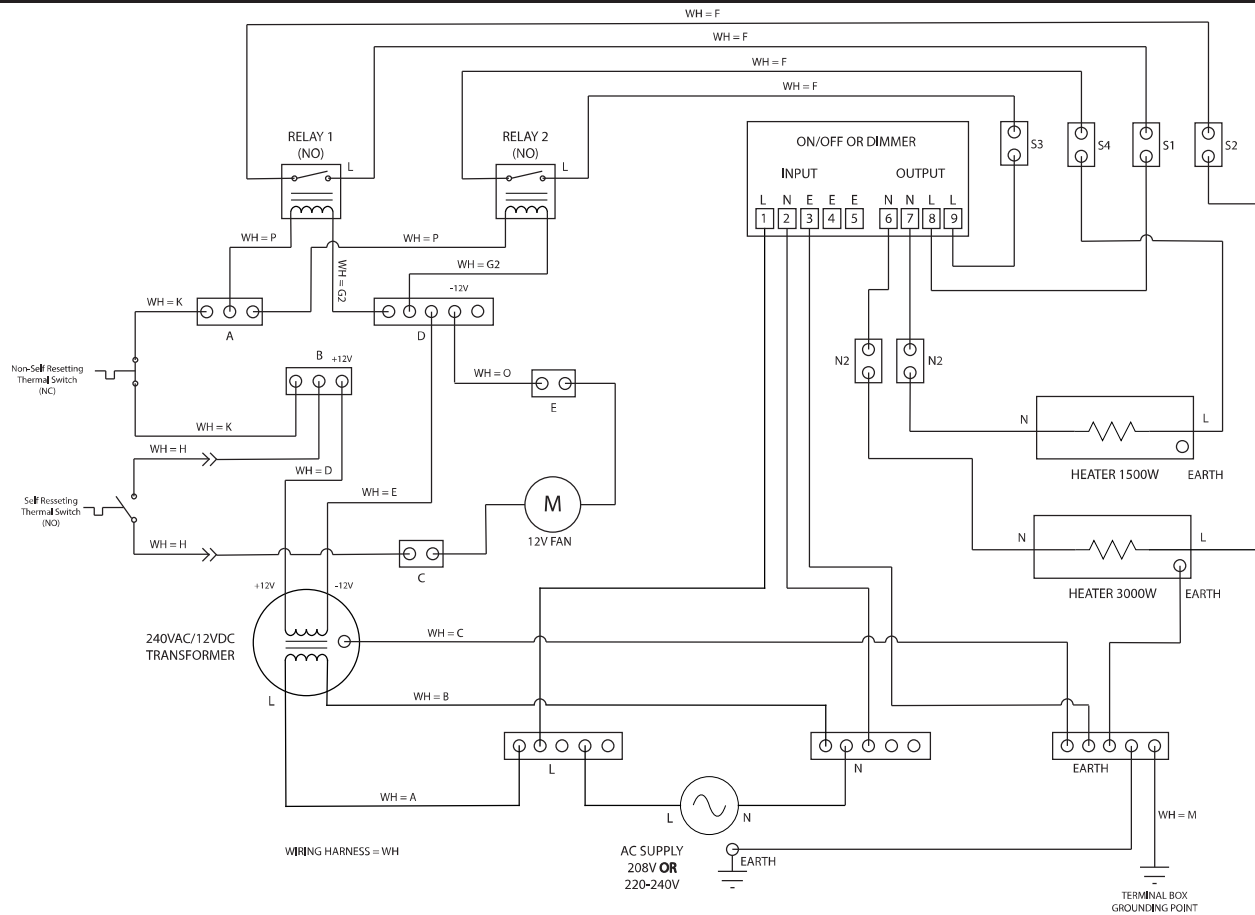
## ELECTRICAL DIAGRAM 2300W/3400W - FOR ON/OFF OR DIMMER



## ELECTRICAL DIAGRAM 2300W/3400W - FOR WALL SWITCH



# ELECTRICAL DIAGRAM 4500W - FOR ON/OFF OR DIMMER



# ELECTRICAL DIAGRAM 4500W - FOR WALL SWITCH

