BROMIC HEATING

PROP. 65 WARNING FOR CALIFORNIA RESIDENTS
⚠ Cancer and Reproductive Harm- www.P65Warnings.ca.gov
AVERTISSEMENT PROP. 65 POUR LES RESIDENTS DE LACALIFORNIE
⚠ Cancer et Troubles de l'appareil reproducteur - www.P65Warnings.ca.gov
AVERTISSEMENT PROP. 65 PARA LOS RESIDENTES DE CALIFORNIA
⚠ Cancer y Daño Reproductivo - www.P65Warnings.ca.gov

ECLIPSE SMART-HEAT™ ELECTRIC

BY BROMIC

INSTRUCTION MANUAL

SCAN FOR LATEST MANUAL



⚠ **WARNING**

PLEASE READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

VERSION 2 US

⚠ IMPORTANT INSTRUCTIONS

This manual contains important information about the installation, operation, and maintenance of Eclipse 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

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

- READ THIS MANUAL CAREFULLY - Read all instructions before installing, servicing or using this heater.
- For the ceiling/ wall mounted heater, installation must comply with NEC and CEC code and local building code.
- This heater is hot when in use. To avoid burns, do not let bare skin touch the hot surfaces.
- Keep heat-sensitive materials such as furniture, pillows, bedding, papers, clothes and curtains at least 3.3 feet from the heater head in all directions.
- Improper installation, operation, or maintenance can result in death, severe injury, or property damage.
- Extreme caution is necessary when any heater is used by or near children or people who are infirmed and whenever the heater is left operating and unattended.
- Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a licensed electrical contractor before reusing.
- To disconnect heater, turn controls to off, and turn off power to heater circuit at main disconnection panel.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire or damage the heater.
- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- A heater has hot parts inside. Do not use it in the areas where gasoline, paint or flammable liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
- This appliance is intended for installation with 220-240 Volt Power supply or 208V for BH0920003
- Installation MUST be carried out by a licensed and authorised technician in accordance with local electrical codes.
- This product is intended for domestic and commercial use.
- International Registered Designs pending
- SAVE THESE INSTRUCTIONS

Correct disposal of this product



This marking indicates that this product should not be disposed with other household wastes throughout the US. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer from whom the product was purchased so that they may organise environmentally safe recycling.

BROMIC® HEATING

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Email: enquiries@bromic.com **Web:** www.bromic.com/heat

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.

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IMPORTANT NOTES & WARNINGS

⚠ WARNING

- IMPORTANT - Installation MUST be carried out by a licensed electrical contractor.
- Heater must be installed by 2 persons.
- Improper installation, adjustment, or alteration and failure to follow the warnings and instructions in this manual could result in severe personal injury, death or property damage.
- The manufacturer is not responsible for any damage resulting from improper use. The manufacturer emphasises that this appliance should be used in a responsible manner and that all procedures, warnings, and safety instructions contained in this booklet should be followed strictly.
- The installer is to ensure that the requirements of the local authority, local electrical installation code, municipal building codes, and any other relevant statutory regulations are carried out.
- Do not use or store flammable materials near this appliance.
- This installation, operation and service manual should not be removed from the site of installation. Installer should leave manual with the customer for future reference.
- A minimum safety distance of 3.3 feet should always be left in front of the Heater Head.
- The Heater head must be installed at least 8.0 feet above the floor.
- The Heater must not be located immediately below or in front of an electrical socket outlet. Heat radiated from the appliance may damage the electricity outlet or plug if placed incorrectly.
- Any guard or other protective device removed for servicing (conducted by a licensed electrical contractor) must be fitted in place before operating the heater.
- This appliance can be used by children aged from 12 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 12 years should be kept away unless continuously supervised.
- Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- Keep packaging materials out of reach of children.
- Do not spray aerosols or flammable materials in the vicinity of this appliance while it is in operation or whilst heater surface is hot.
- Installation and repair must be carried out by a qualified and licensed electrical contractor only. The heater should be inspected before use and at least annually serviced and inspected by a qualified and licenced service technician.
- The Heater Head has no serviceable parts. For the Poles, please refer to the Maintenance and Servicing section for more details regarding troubleshooting and replacement parts.
- The LED contained in this luminaire is non-replaceable and must not be removed.
- Do not perform maintenance until heater has been turned off, power disconnected, and heater temperature has cooled to room temperature.
- Certain materials or items, when stored under or near the appliance, will be subjected to radiant heat and could be discoloured or seriously damaged. Heat-sensitive materials e.g. floors, furniture, fixtures and plants must be kept a minimum of 3.3 feet from the front of the heater head.
- Be sure the heater is not facing the ceiling or flammable or heat-sensitive substances/ materials.
- This radiant heater is NOT intended to be installed on or in vehicles and/or boats.
- Do not attempt to alter the unit in any manner.
- Remove all transit protection & packaging before use.
- Do not paint any surface of the heater.
- Care must be taken during installation. After removing packaging, glass must be inspected for damage before use. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Check for damage to the appliance before each use. The heater must not be used if the glass panel or any other part of the heater is damaged. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Care must be taken around the appliance to ensure it is not damaged. Ball games that could accidentally hit the heater must not be played around the appliance.
- After unpacking, make sure the appliance shows no signs of visible damage or tampering. If the appliance appears damaged, contact the place of purchase for assistance.
- BH0920001-2 must only be used on 220-240VAC single-phase power supply. BH0920003 must only be used on 208V power supply.
- Do not touch the heating surface at any time, even when the heater is turned off and has cooled down.
- Do not touch the heater with wet hands at any time.
- At the end of this product's useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance through the appropriate channels at the end of its useful life. Failure to do so may incur the penalties established by local laws governing waste disposal. Proper differential collection, and the subsequent recycling, processing and environmentally compatible disposal of waste equipment avoids unnecessary damage to the environment and possible related health risks, and also promotes recycling of the materials used in the appliance. For further information on waste collection and disposal; contact your local waste disposal service or the place of purchase.

IMPORTANT NOTES AND WARNINGS CONTINUED ...

- In case of direct connection to a supply line, a bipolar circuit breaker with contact opening distance of at least 1/8 inch must be fitted upstream from the supply line. Contact an authorised service technician if you are unsure if you have a circuit breaker installed on the premises.
- Do not install the heater directly near a bathtub, shower, swimming pool or other body of water. Any switches or controls must not be within reach of a person in the bathtub, shower, swimming pool or other body of water.
- To maintain Ingress Protection Rating (IP54), only suitable IP54 (or better) rated outdoor plug & sockets should be used for electrical installation.
- This product does not have a switch for electrical disconnection. A means for disconnection of the heater must be incorporated in the wall socket & fixed wiring according to the local electrical codes.
- If the supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.
- This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- Do not excessively bend the electrical connection to the power supply.
- Keep the electrical cable away from sharp edges during handling and installation.
- Do not pull on the electrical cable or subject it to traction force.
- Caution should be taken when dismantling goods from shipping container to prevent from injury when lifting heavy parts. Maximum safe lifting 35 lbs per person.
- Do not install heater to an unsecured structure. Mounting surface integrity shall be determined suitable by the installer based on weight & type of mounting option chosen.
- Do not lean on heater or rest any objects leaning up against heater, including the arm.
- Do not hang any foreign items off any part of this appliance e.g. do not hang towels, clothing, lines, lights, cables.
- Do not swing from arm or heater head.
- Do not stand or sit on any part of heater, including the base.
- Do not use heater if Heater Head is not level with the ground. Angle must be checked during assembly using spirit level (not included).
- Do not use heater if heater head or pole is loose.
- Check product label for correct voltage and wattage to ensure power source conforms to the heater's requirements.
- The exterior housing of the heater should be cleaned regularly. 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 & glass cleaner. Salt in the air can cause rusting of metal, especially at locations near the coast. Additional cleaning of the heater with a soft damp cloth fortnightly will aid in maintaining the product's appearance.
- Do not clean heater with cleaners that are heat-sensitive or corrosive.

SAVE THESE INSTRUCTIONS

PRODUCT DESCRIPTION

The Eclipse Smart-Heat™ Electric is designed to provide efficient space heating for commercial and residential applications.

The Eclipse Smart-Heat™ Electric heaters have electrical approval in Australia, New Zealand, USA, Canada, Europe, UK, and are rated to IP54 for Ingress Protection, making the Eclipse Smart-Heat™ Electric Portable the perfect solution for a variety of indoor and outdoor heating applications.

Set-up and operation of this product requires access to an iOS or Andriod smart device with internet connectivity (e.g. smartphone or tablet) and the Bromic Smart-Heat App

PRODUCT SPECIFICATIONS

SPECIFICATIONS		
Model	Eclipse Smart-Heat™ Electric	
Part No (Heater Eclipse Pendant USA/CAN)	BH0920001-2	
Part No (Heater Eclipse Pendant 208V USA/CAN)	BH0920003	
Part No (Straight Ceiling Mount Pole 8”)	BH3230001	
Part No (Straight Ceiling Mount Pole 24”)	BH3230002	
Part No (Twin Straight Ceiling Mount Pole 24”)	BH3230003	
Part No (Curved Ceiling Mount Pole 24”)	BH3230004	
Part No (Straight Ceiling Mount Pole 48”)	BH3230005	
Part No (Wall Mount Pole)	BH3230006	
Part No (Affinity Smart-Heat Eclipse Pendant Control 1CH)	BH8380051	
Part No (Affinity Smart-Heat Eclipse Pendant Control 5CH)	BH8380055	
Appliance Output (watts)	2900 W	
Light Output (watts)	20 W @ 24 V DC	
Power Connection Required (Volts)	BH0920001-2	220-240 V - a.c. - 60 Hz
	BH0920003	208 V - a.c. - 60Hz
Ingress Protection	IP54	
Heater Head Dimensions (W x H x D)	27.6 x 27.6 x 4.4 in	
Heater Head Weight	30 lbs	
Finish	Matte Black	
Approval	Electrical: SGS - 801126 (US/CAN) Radio: FCC ID: P59TVEVO916S (US), Radio: IC: 11242A-TVEVO916S (CAN), EMC: SGS - GZEM201101691501 (US), GZEM201101691601 (CAN)	

PRODUCT FEATURES

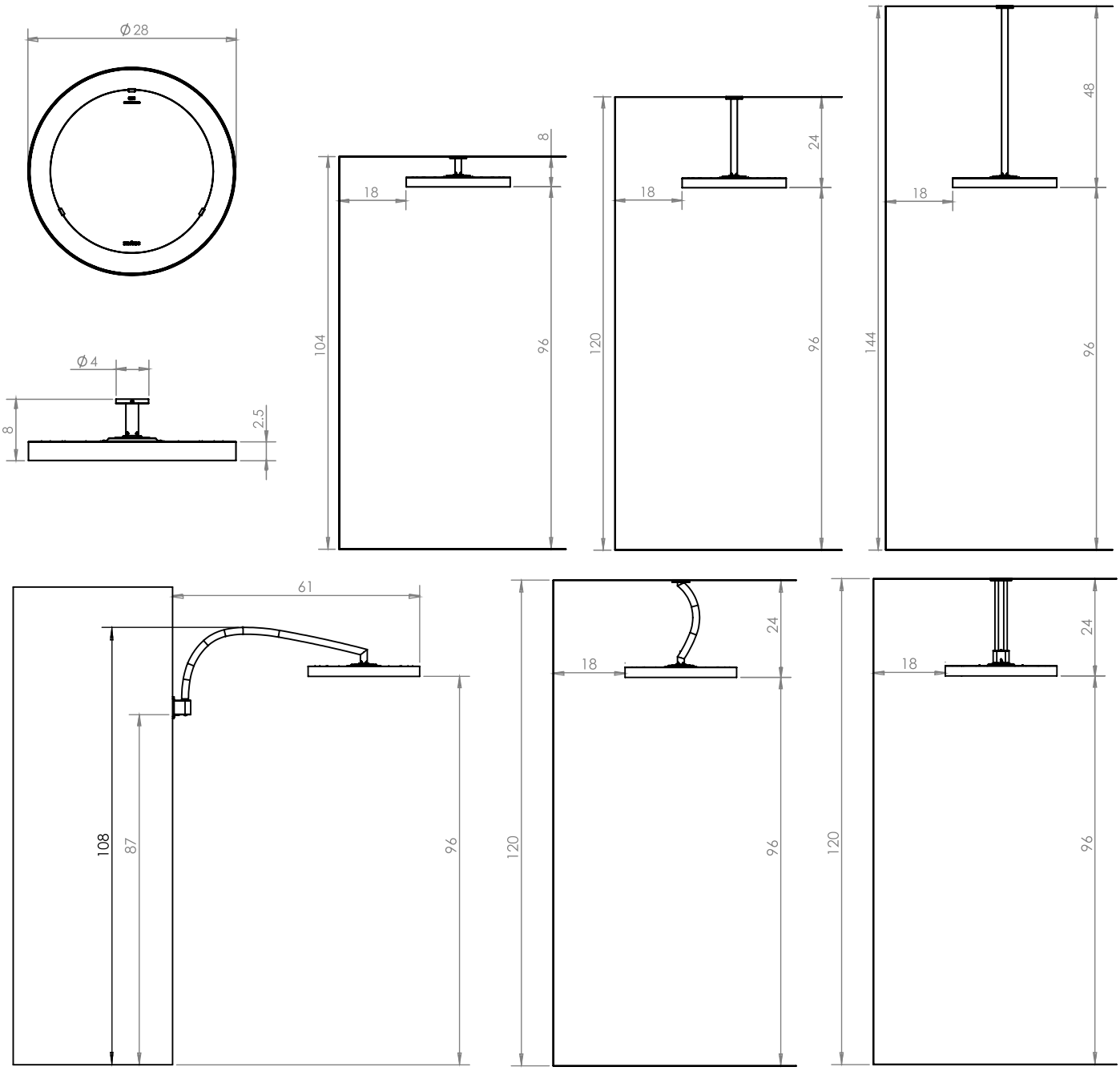
- Stylish, slimline and contemporary design to suit any decor.
- Efficient directional space heating with 3 built in heat levels.
- Heaters can also be integrated into smart control systems
- Wind resistant & IP54 water protection rating
- Suitable for outdoor and indoor heating applications such as restaurants, cafes, bars and clubs, factories, office spaces, designated smoking areas, public areas, hotels, homes and more.

KEY DIMENSIONS & CLEARANCES

Heaters must be installed according to the minimum installation clearances shown in these diagrams.

Dimensions shown in: **Inches**

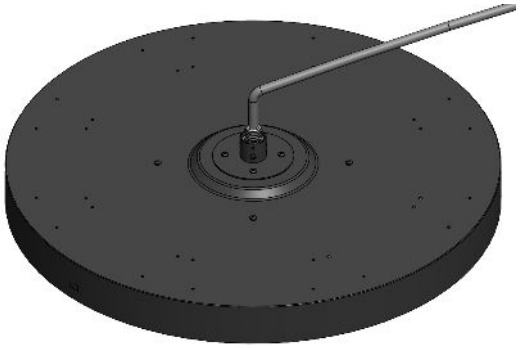
PENDANT & WALL MOUNT



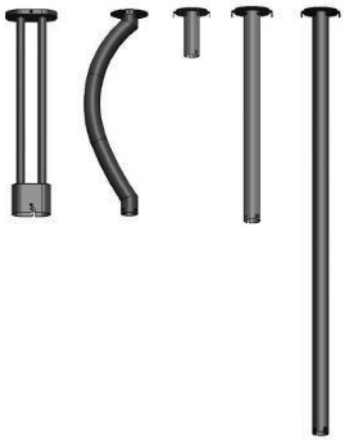
The stated clearance to heat-sensitive materials represents surface temperature of 117°F above room temperature. Building material with a low heat tolerance (such as plastic, vinyl siding, canvas, tri-ply etc.) may subject to degradation at lower temperature. It is the installer's responsibility to assure that adjacent materials are protected.

Contents Packed in (3) Boxes

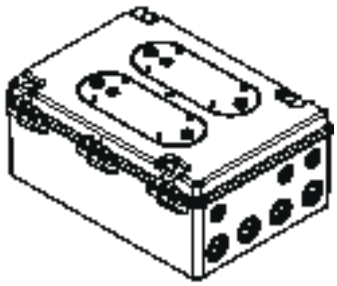
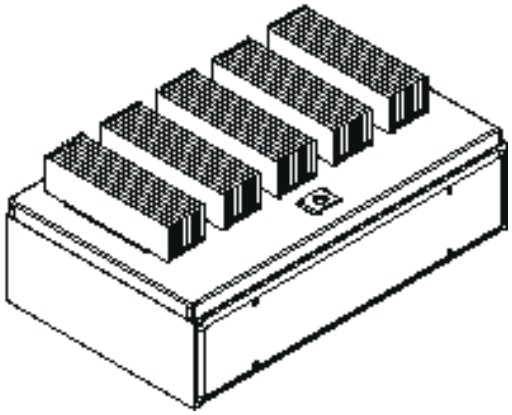
Box 1 Contents

Eclipse Head Assembly Including pre-assembled 2 x Dome Head Screws (M4 - Length: 6mm)	
Instruction Manual (This Document)	 SCAN FOR LATEST MANUAL

Box 2 Contents (Separate Accessories)

Pendant Pole Assembly one of the following styles: • Twin Straight Ceiling Mount Pole 24” • Curved Ceiling Mount Pole 24” • Straight Ceiling Mount Pole 8” • Straight Ceiling Mount Pole 24” • Straight Ceiling Mount Pole 48”	
6 x Dome Head Screws (M4 - Length: 6mm)	
2 x Dome Head Screws (M4 - Length: 10mm)	

Box 3 Contents (Sold Separately)

Affinity Smart-Heat Eclipse Pendant Control 1 Channel OR	
Affinity Smart-Heat Eclipse Pendant Control 5 Channel	

Tools/Parts Required (not Included)

- Bolts for fastening to Ceiling surface
- Phillips Head Screw Driver
- Step Ladder
- 2 strong people to help with lifting & assembly
- Spirit Level

WARNING

This heater MUST be installed by an licensed electrical contractor. 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 to prevent touching hot surfaces.

For longest product life and to maintain product appearance, position heater under cover and protect from rain and weather.

IMPORTANT

The appliance must be installed such that the heater head is level with the ground.

The appliance must be mouted on a solid surface, and it is the responsibility of the installer to assess the suitibility of the mounting surface.

Minimum distance between heaters measured from edge of heater must be at least 20 inches.

Caution – Glass – Handle with care

- Care must be taken during installation. After removing packaging, glass must be inspected for damage before use. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Check for damage to the appliance before each use. The heater must not be used if the glass panel or any other part of the heater is damaged. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Care must be taken around the appliance to ensure it is not damaged. Ball games that could accidentally hit the heater must not be played around the appliance. To protect appliance do not remove cardboard packaging from head assembly until it is mounted to arm and base.

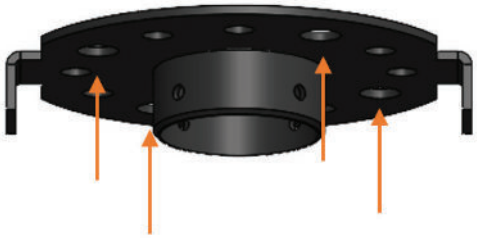
Instructions for Single Pole options, including:



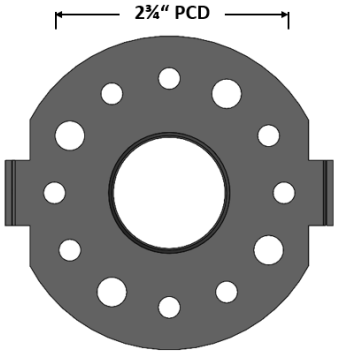
- **Curved Ceiling Mount Pole 24”**
- **Straight Ceiling Mount Pole 8”**
- **Straight Ceiling Mount Pole 24”**
- **Straight Ceiling Mount Pole 48”**

1. Unpack all items from shipping cartons and place items on a non-abrasive surface.

   To protect appliance do not remove cardboard packaging from head assembly until it is mounted to ceiling.



2. Fasten the Pendant Mount Roof Bracket on the ceiling in the desired location, using appropriately sized and type bolts (not included) for the mounting surface. Ensure the bracket is firmly secured to appropriate supports (not only to ceiling panels) with fasteners in 4 opposing holes before proceeding.

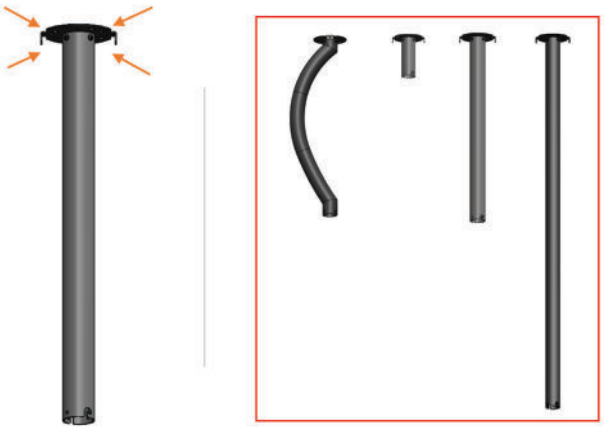


⚠ IMPORTANT

Fasteners must be chosen by installer to suit mounting structure. Installer is responsible for chosing fasteners appropriate to the loading of the product.

3. Attach the chosen Ceiling Mount Pole to the Pendant Mount Roof Bracket using the 4 X Dome Head Screws (M4 - Length: 6mm).

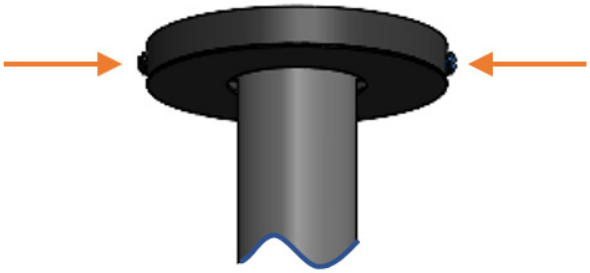
4x M4 - Length: 6mm



Shown on right are the four options for the Single Ceiling Mount Poles.

4. Slide the Round Cap over the Ceiling Mount Pole and attach the it to the Roof Bracket using 2 X Dome Head Screws (M4 - Length: 10mm).

2x M4 - Length: 10mm

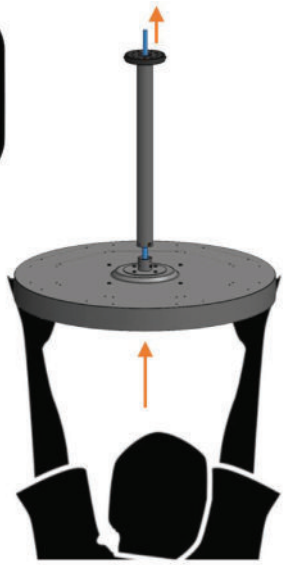




WARNING

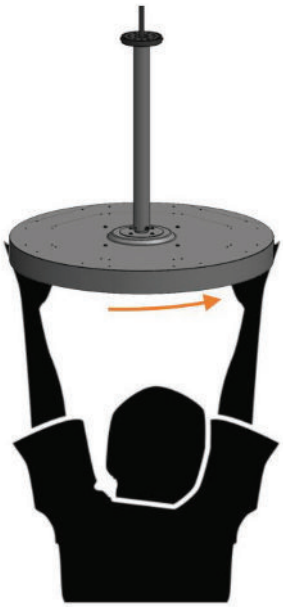
Heavy Item. Min Two Person Lift. Maximum safe lifting 35 lbs per person.

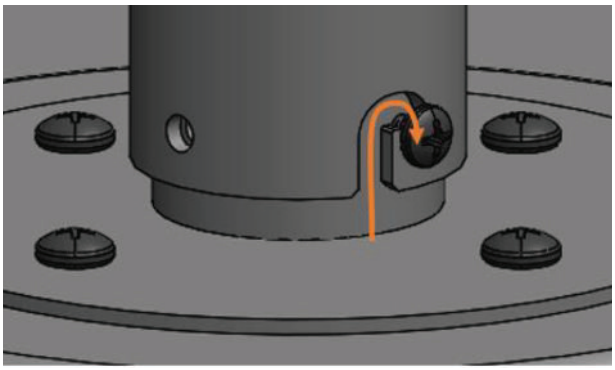
5. Feed the cable through the Ceiling Mount Pole until it has passed through and out into the roof cavity. Feed through the cable slack, and with the help of a second person, lift the Heater Head upwards closer to the Ceiling Mount Pole.



6. Insert the Heater Bracket into the Ceiling Mount Pole by hooking the attached 2X Dome Head Screws (M4 - Length: 6mm) into the slot feature in the Pole.

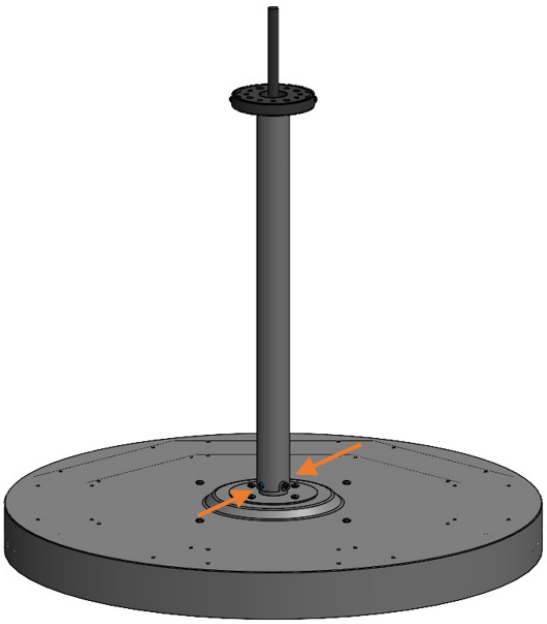
   Note: Screws are pre-assembled to heater head bracket.

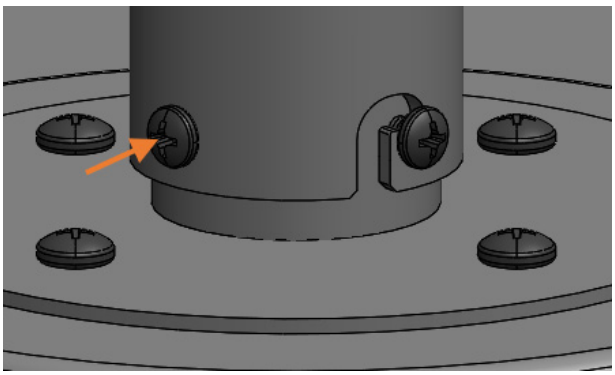




7. Fully insert additional 2 X Dome Head Screws (M4 - Length: 6mm) on both sides, and tighten all four screws, to lock heater in place.

   2x M4 - Length: 6mm

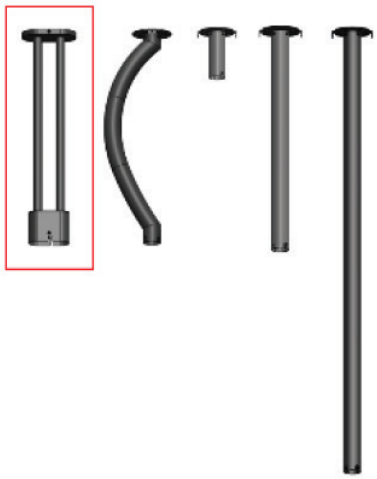




8. **DANGER!**

   All packaging materials must be removed before turning on the appliance.

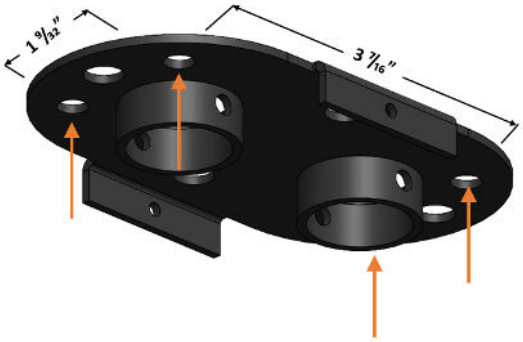
Instructions for Twin Pole option:



- **Twin Straight Ceiling Mount Pole 24”**

1. Unpack all items from shipping cartons and place items on a non-abrasive surface.

   To protect appliance do not remove cardboard packaging from head assembly until it is mounted to ceiling.



2. Fasten the Twin Pole Roof Bracket on the ceiling in the desired location, using appropriately sized and type bolts (not included) for the mounting surface. Ensure the bracket is firmly secured to appropriate supports (not only to ceiling panels) with fasteners in 4 opposing holes before proceeding.

IMPORTANT

Fasteners must be chosen by installer to suit mounting structure. Installer is responsible for chosing fasteners appropriate to the loading of the product.

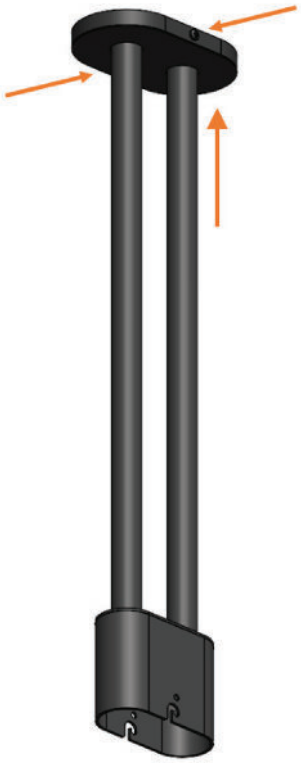


3. Place the Twin Pole Cap loosely onto the Twin Straight Ceiling Mount Pole as shown below, and attach the Twin Straight Ceiling Mount Pole to the Twin Pole Roof Bracket using the 4 X Dome Head Screws (M4 - Length: 6mm).

4x M4 - Length: 6mm

4. Slide the Twin Pole Cap upwards and attach the it to the Twin Pole Roof Bracket using 2 X Dome Head Screws (M4 - Length: 6mm).

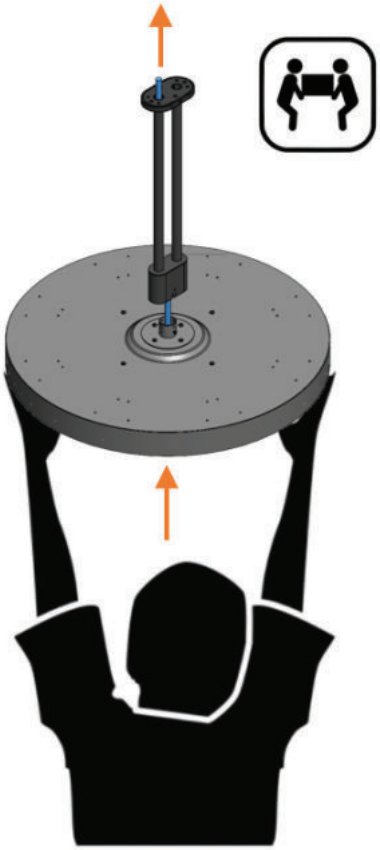
2x M4 - Length: 6mm



⚠ WARNING

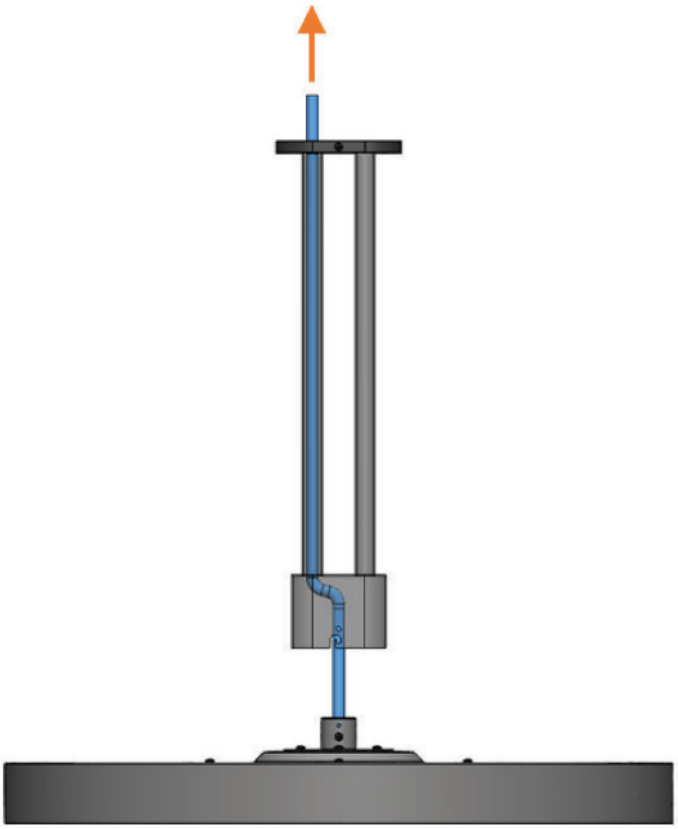
Heavy Item. Min Two Person Lift. Maximum safe lifting 35 lbs per person.

5. Feed the cable through one of the poles of the Twin Straight Ceiling Mount Pole until it has passed through and out into the roof cavity. Feed through the cable slack, and with the help of a second person, lift the heater head upwards closer to the Twin Straight Ceiling Mount Pole.



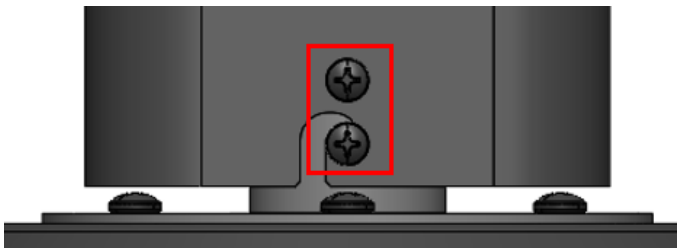
6. Insert the Heater Bracket into the Twin Straight Ceiling Mount Pole by hooking the attached 2X Dome Head Screws (M4 - Length: 6mm) into the slot feature in the Pole.

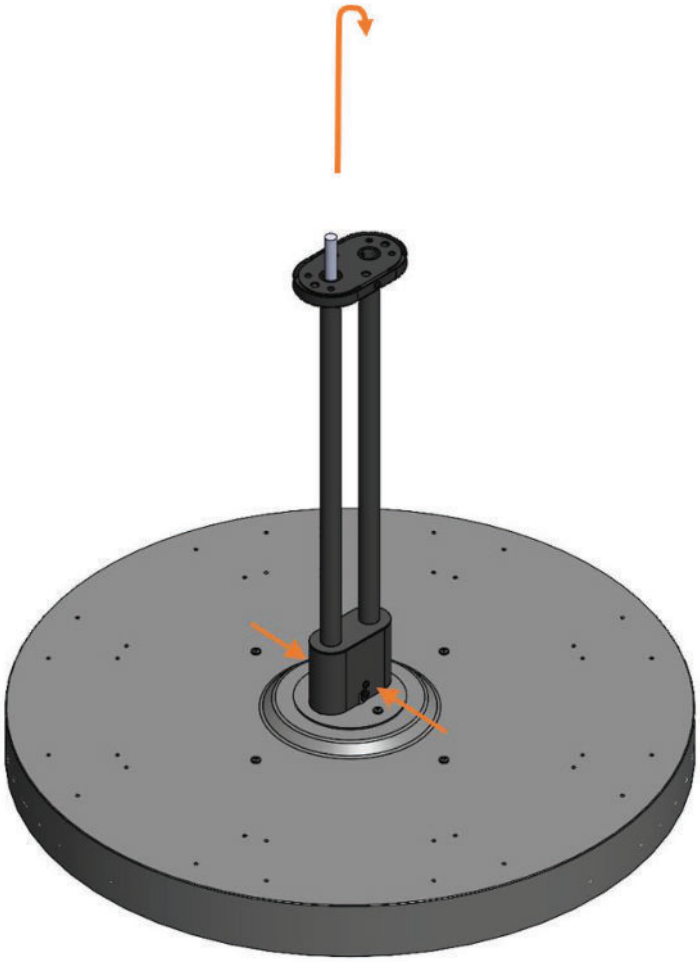




7. Fully insert additional 2 X Dome Head Screws (M4 - Length: 6mm) on both sides, and tighten all four screws, to lock heater in place.

2x M4 - Length: 6mm



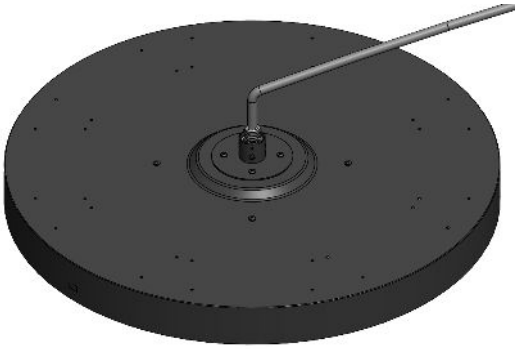


8. **DANGER!**

All packaging materials must be removed before turning on the appliance.

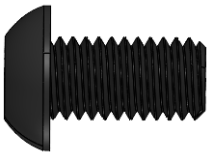
Installation Instructions – Wall Mounted Heater

Box 1 Contents

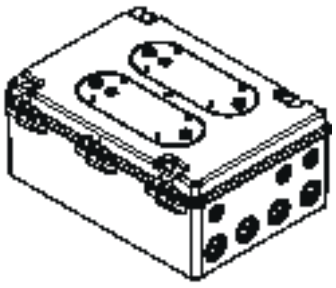
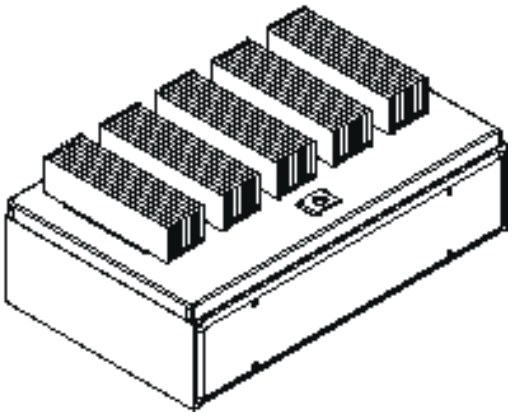
Eclipse Head Assembly Including pre-assembled 2 x Dome Head Screws (M4 - Length: 6mm)	
Instruction Manual (This Document)	 SCAN FOR LATEST MANUAL

Box 2 Contents

Wall Mount Pole	
Wall Bracket	
Wall Bracket Cover	

1 x Round Head Hex Screw (M8 - Length: 15mm)	
2 x Dome Head Screw (M6 - Length: 10mm)	
1 x Dome Head Screw (M4 - Length: 10mm)	
2 x Dome Head Screws (M4 - Length: 6mm)	
1 x M20x1.5 Blanking Plug	

Box 3 Contents (Sold Separately)

Smart-Heat Eclipse Pendant Control 1 - Channel OR	
Smart-Heat Eclipse Pendant Control 5 - Channel	

Tools/Parts Required (not Included)

- Bolts for fastening to Wall surface
- Phillips Head Screw Driver
- Allen Key
- Step Ladder
- 2 strong people to help with lifting
- Spirit Level

WARNING

This heater MUST be installed by an licensed electrical contractor. 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.

For longest product life and to maintain product appearance, position heater under cover and protect from rain and weather.

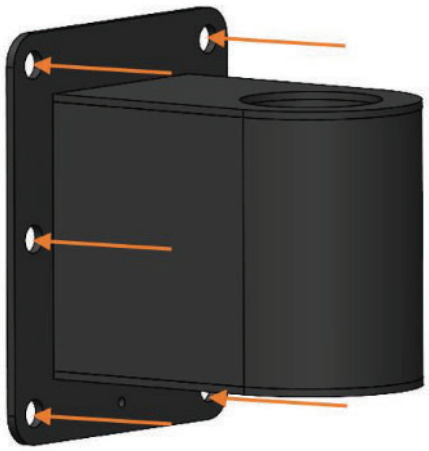
IMPORTANT

The appliance must be installed such that the heater head is level with the ground.
The appliance must be mouted on a solid surface, and it is the responsibility of the installer to assess the suitibility of the mounting surface.
Minimum distance between heaters measured from edge of heater must be at least 20 inches.

Caution – Glass – Handle with care

- Care must be taken during installation. After removing packaging, glass must be inspected for damage before use. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Check for damage to the appliance before each use. The heater must not be used if the glass panel or any other part of the heater is damaged. If damage to the appliance is suspected, discontinue use immediately and contact the supplier.
- Care must be taken around the appliance to ensure it is not damaged. Ball games that could accidentally hit the heater must not be played around the appliance. To protect appliance do not remove cardboard packaging from head assembly until it is mounted.

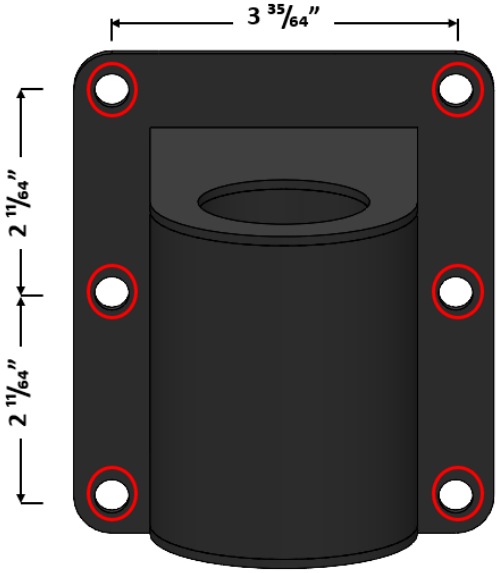
Instructions for Wall Mounted option:



1. Unpack all items from shipping cartons and place items on a non-abrasive surface.

   To protect appliance do not remove cardboard packaging from head assembly until it is mounted to ceiling.

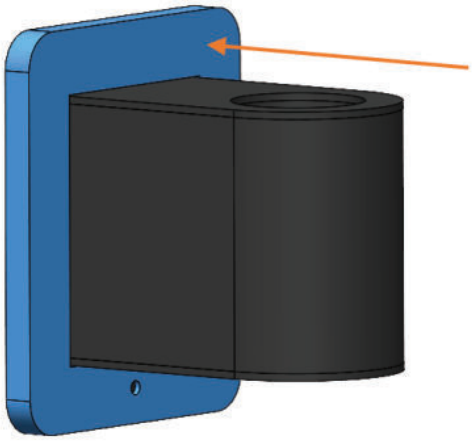
2. Mount the Wall Bracket on the wall in the desired location, using appropriately sized and type bolts (not included) for the mounting surface. Ensure the bracket is firmly secured with fasteners in the 6 holes before proceeding.



IMPORTANT

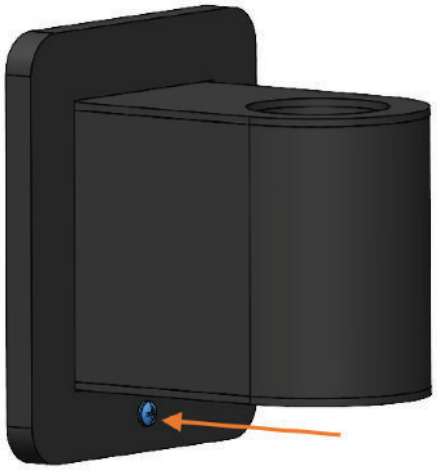
Fasteners must be chosen by installer to suit mounting structure. Installer is responsible for chosing fasteners appropriate to the loading of the product. Calculated tensile load on each screw is 675 lbf (with FOS of 4).

3. Slide the Wall Bracket Cover over the Wall Bracket.

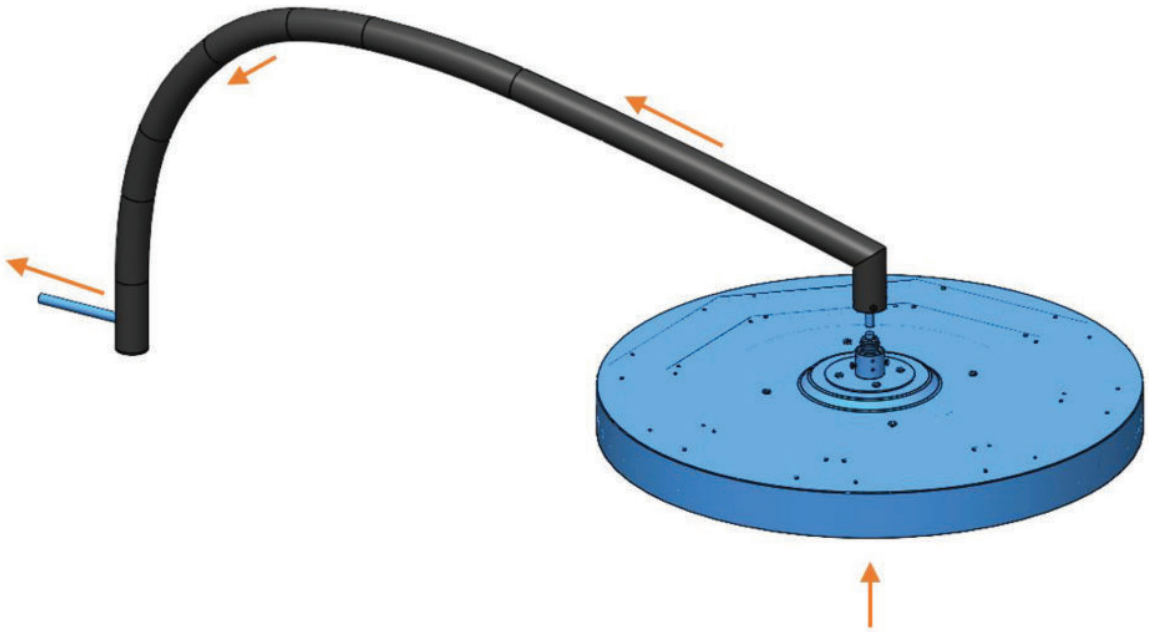


4. Fasten the Wall Bracket Cover using 1 X Dome Head Screw (M4 - Length: 10mm).

1x M4 - Length: 10mm

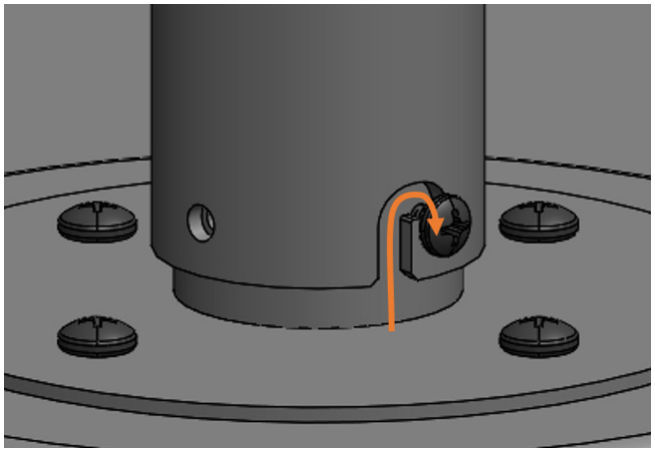


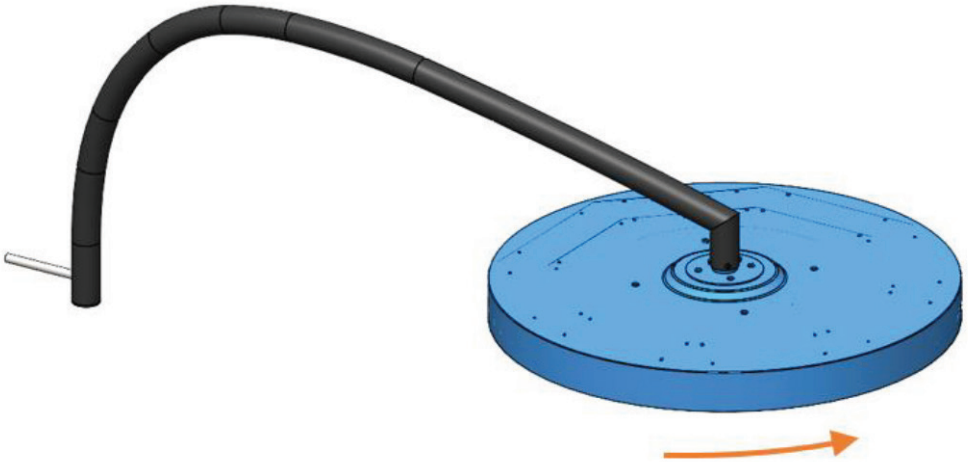
5. Feed the cable through the end of the Wall Mount Pole until it has passed through and out the end of the Pole. Feed through the cable slack, bringing the heater head closer to the Wall Mount Pole.



6. Insert the Heater Head Bracket into the Wall Mount Pole by hooking the attached 2X Dome Head Screws (M4 - Length: 6mm) into the slot feature in the Pole.

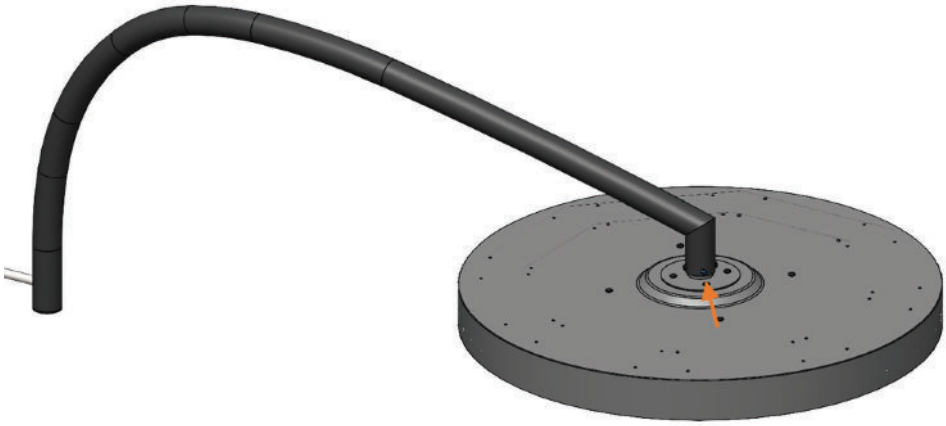
   NOTE: Heater head should be positioned so that the bromic logo on the glass is at the front of the heater (furtherst away from the wall).





7. Fully fasten additional 2 X Dome Head Screws (M4 - Length: 6mm) on both sides, and tighten all four screws, to lock heater in place.

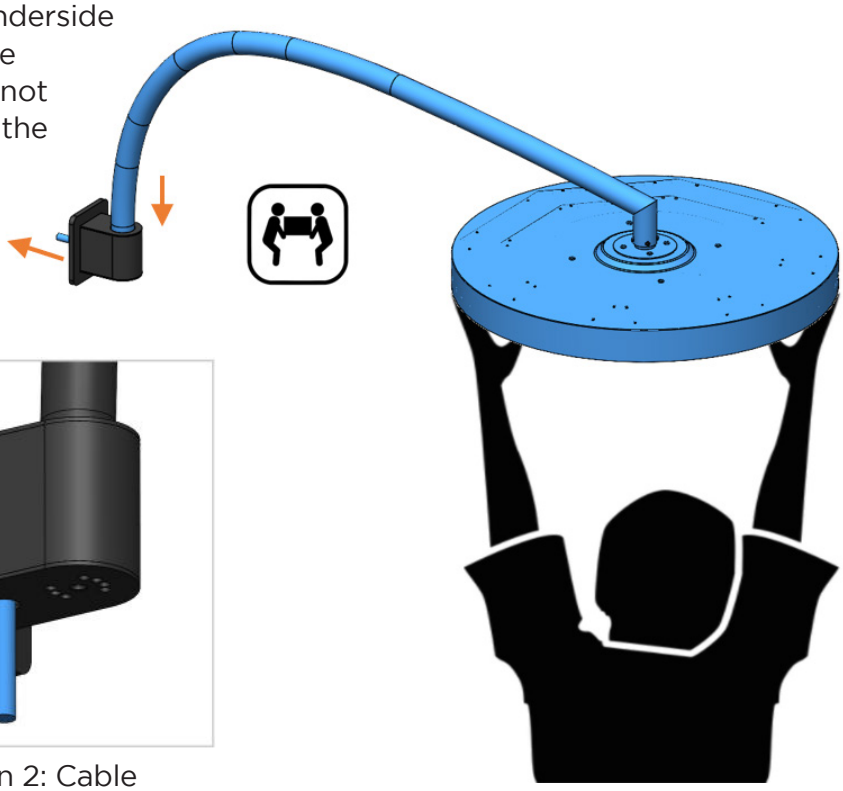
2x M4 - Length: 6mm

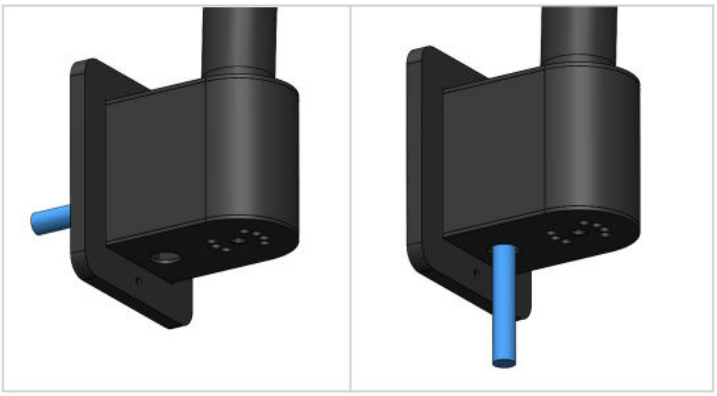


⚠ WARNING

Heavy Item. Min Two Person Lift. Maximum safe lifting 35 lbs per person.

8. Attach the Wall Mount Pole to the Wall Bracket. Feed the cable through the back slot of the Wall Mount into the wall cavity, or alternatively, the cable can be fed out of the optional Cable Slot in the underside of the Wall Bracket. In this instance attach an M20 metal cable gland (not supplied) into the same hole from the outside of the bracket.





Option 1: Cable into Wall Cavity

Option 2: Cable out of underside

9. Fasten the Wall Mount Pole to the Wall Bracket using 1 X Round Head Hex Screw (M8 - Length: 15mm).

1x M8 - Length: 15mm





10. Lock the angle of the Wall Mount Pole to the Wall, using 2 X Dome Head Screw (M6 - Length: 10mm). The Wall Bracket angle can be adjusted up to 45° from the wall on each side.

2x M6 - Length: 10mm





11. If the cable has been routed into the wall cavity, Insert the Cable plug into the optional cable slot.



12. **DANGER!**

All packaging materials must be removed before turning on the appliance.

IMPORTANT NOTES & WARNINGS

WARNING

This heater MUST be installed by an authorised/licenced person. Do not perform maintenance, or carry out installation or assembly procedure while electrical power is switched on.

DANGER

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. Isolate mains before installing. Use only with a properly secured heater.

IMPORTANT

If you are installing the Pendant Eclipse with the Affinity Smart-Heat Control Pendant Eclipse, please consult the Instruction Manual included with the controls for detailed information on dimensions, clearances, wiring instructions and installation procedures.

IMPORTANT

Check product label for correct voltage and wattage to ensure power source conforms to the heater's requirements.

Use appropriate power supply cables for the heaters' voltage and wattage. The fixed wiring must be positioned away from & protected from the enclosure of the heater.

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 IP54 rating.

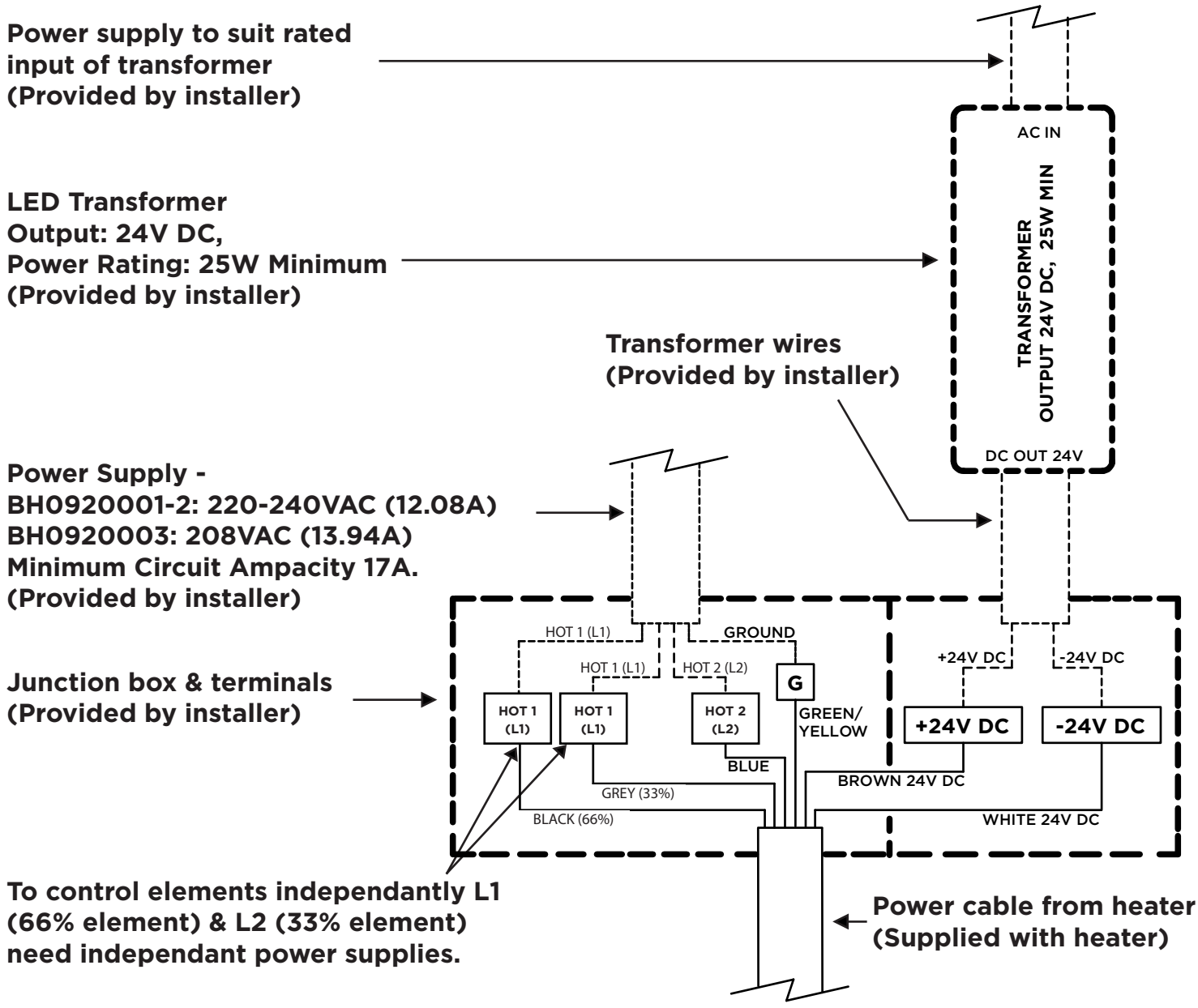
PLUG AND SUPPLY CORD: Use an appropriately rated plug and supply cord - check the power requirements of the connected loads. Socket outlet used must be near the equipment.

OVER CURRENT DEVICE: The outputs are NOT protected against short circuits or extra-currents which can damage the electronic board. Evaluate the characteristics of the connected loads and apply the appropriate safety devices to the power line.

ISOLATION SWITCH: This product does not have a switch for electrical disconnection. A means for disconnection of the heater must be incorporated in the wall socket & fixed wiring according to the local electrical codes.

FOR INSTALLATION NOT USING AFFINITY SMART-HEAT CONTROL ECLIPSE PENDANT

ONLY TO BE INSTALLED & SERVICED BY LICENSED & AUTHORIZED TECHNICIAN.
APPLIANCE MANUAL MUST BE READ BEFORE INSTALLING OR SERVICING THIS PRODUCT.



NOTES:
- Supply connection must be protected with appropriate safety device, that includes isolation switch.
- Suitable junction box for connection to be supplied by installer.
- Control must be located in an environment of no more than 86°F ambient, away from other heat sources and separation clearances maintained.
- Wiring must be completed according to local electrical code.
- 24V DC lighting circuit is to be separated inside the junction box from 220-240VAC and 208VAC circuits.
- Electrical installation must ensure earth continuity is checked.

MAINTENANCE & SERVICING

IMPORTANT NOTES & WARNINGS

WARNING

This heater MUST be installed by an authorised/ licenced person. Do not perform maintenance, or carry out installation or assembly procedure while electrical power is switched on.

DANGER

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. Isolate mains before installing. Use only with a properly secured heater.

IMPORTANT

Check product label for correct voltage and wattage to ensure power source conforms to the heater's requirements.

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.

OVERCURRENT DEVICE: The outputs are NOT protected against short circuits or extra-currents which can damage the electronic board. Evaluate the characteristics of the connected loads and apply the appropriate safety devices to the power line.

Check surrounding area of heater for hazards before turning on.

MAINTENANCE

- For longest product life, and to maintain product appearance, mount heater under cover and protect from rain and weather whenever possible.
- Before cleaning ensure the appliance is off and has been off for at least 2 hours after operation. The heater must be cool to touch before cleaning can begin.
- The exterior housing of the heater should be cleaned regularly. Use a clean, soft, damp cloth. Salt in the air can cause rusting of metal, especially at locations near the coast. Additional cleaning of the heater with a soft damp cloth fortnightly will aid in maintaining the product's appearance. Do not clean heater with cleaners that are heat-sensitive or corrosive.
- Improper cleaning of the front of the appliance can cause scratching and reduce the appearance of the appliance. Below guidelines must be read before cleaning the front of the appliance and must be followed to maintain the quality of the surface finish.

DO NOT	DO
Do not use harsh cleaning pads or sharp tools. Do not use harsh cleaning chemicals. Do not spray the appliance with water for cleaning.	Use a clean, soft, damp microfibre cloth. Use lukewarm water and a mild dish washing detergent.
Do not use a dry cloth or your hand to wipe clean the surface. Using a dry cloth or your hand to clean the surface will rub dirt and dust into the surface and may cause scratching or damage.	Use a microfibre cloth in the lukewarm water solution. Rinse out the cloth frequently to remove any dirt and dust from the cloth to avoid scratching the surface.
Do not apply pressure and rub the surface. Do not apply continuous, erratic scrubbing.	Gently wipe the microfibre cloth across the surface. Apply minimum pressure to avoid scratching. Minimise contact with the surface. Use the same directional stroke, lift hand and repeat.
Do not buff dry with a cloth that could cause scratching.	Allow surface to air dry.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE (S)	CORRECTIVE ACTION
No heat	1. Incorrect heater setting chosen 2. Incorrect Voltage. 3. No power.	1. Choose heat setting using remote (33%, 66% or 100%). 2. Connect to the correct power supply. 3. Check connection to power supply.
Not enough heat	1. Incorrect heater setting chosen. 2. Heater installed too high. 3. Heater too small for application.	1. Choose higher heat setting using Bromic Smart-Heat App (66% or 100%). 2. Check height is according to instructions. 3. Add additional heater(s).
Too much heat	1. Incorrect heater setting chosen. 2. Heater installed too low.	1. Choose lower heat setting using remote (66% or 33%). 2. Check height is according to instructions.
No Light	1. Incorrect lighting setting chosen. 2. Incorrect Voltage. 3. No power.	1. Choose lighting setting using Bromic Smart-Heat App. 2. Connect to the correct power supply. 3. Check connection to power supply.
Not enough Light	1. Incorrect lighting setting chosen. 2. Light too small for application.	1. Choose higher lighting setting using Bromic Smart-Heat App. 2. Add additional light(s).
Too much Light	1. Incorrect lighting setting chosen.	1. Choose lower light setting using Bromic Smart-Heat App.

For Troubleshooting Affinity Smart-Heat Controls Pendant Eclipse, please see the controls manual.

REPLACEMENT PARTS

Part Number	Description	Part Number	Description
BH0920001-2	Eclipse Electric Heater Head (US)	BH3230006	Wall Mount Pole Eclipse Electric
BH0920003	Eclipse Electric Heater Head 208V (US)	BH8380051	Affinity Smart-Heat Control Eclipse Pendant 1CH
BH3230001	Straight Ceiling Mount Pole 8” Eclipse Electric	BH8380055	Affinity Smart-Heat Control Eclipse Pendant 5CH
BH3230002	Straight Ceiling Mount Pole 24” Eclipse Electric	BH3130070	Affinity Smart-Heat Control Expansion Board
BH3230003	Twin Straight Ceiling Mount Pole 24” Eclipse Electric	BH8380009	Screw Set Ceiling Mount Pole Eclipse Electric
BH3230004	Curved Ceiling Mount Pole 24” Eclipse Electric	BH8380010	Screw Set Wall Mount Pole Eclipse Electric
BH3230005	Straight Ceiling Mount Pole 48” Eclipse Electric	BH8380013	Eclipse LED