



ECLIPSE SMART-HEAT™ ELECTRIC PORTABLE

BY BROMIC

INSTRUCTION MANUAL

PROP. 65 WARNING FOR CALIFORNIA RESIDENTS



Cancer and Reproductive Harm -
www.P65Warnings.ca.gov

AVERTISSEMENT PROP 65 POUR LES RESIDENTS DE L'ALCALIFORNE



Cancer et Troubles de
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AVERTISSEMENT PROP 65 PARA LOS RESIDENTES DE CALIFORNIA



Cancer y Daño Reproductivo -
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SCAN FOR THE
LATEST MANUAL



SCAN FOR THE APP
ON THE APP STORE



SCAN FOR THE APP
ON GOOGLE PLAY



WARNING

PLEASE READ AND SAVE THESE INSTRUCTIONS
FOR FUTURE REFERENCE

⚠️ IMPORTANT INSTRUCTIONS

This manual includes essential information on installing, operating and maintaining Eclipse Smart-Heat™ Electric Heaters. Please read and follow the safety guidance highlighted throughout this instruction manual. Safety notices will be shown with the following safety alert symbols



DANGER WARNING, IMPORTANT

When using electrical appliances, always follow basic safety precautions to minimise the risk of fire, electric shock and personal injury, including the following:

- READ THIS MANUAL CAREFULLY - Read all instructions before installing, servicing or using this heater.
- Installation must comply with NEC and CEC codes and local building regulations.
- This heater becomes hot during use. To prevent burns, do not allow bare skin to touch hot surfaces.
- Keep heat-sensitive items such as furniture, pillows, bedding, paper, clothing and curtains at least 3.3 feet away from the heater head in all directions.
- Incorrect installation, operation or maintenance can result in death, serious injury or property damage.
- Take extreme care when any heater is used by or near children or people who are infirm, and whenever the heater is left running unattended.
- Do not use any heater after it has malfunctioned. Isolate the power at the service panel and have the heater inspected by a licensed electrical contractor before using it again.
- To disconnect the heater, switch the controls to Off, then switch off power to the heater circuit at the main isolation panel.
- Do not insert, or allow foreign objects to enter, any ventilation or exhaust opening, as this may cause electric shock or fire, or damage the heater.
- To reduce the risk of fire, do not block air intakes or exhaust outlets in any way.
- This heater contains hot components. Do not use it in areas where petrol, 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 result in fire, electric shock or personal injury.
- This appliance is intended for installation with a 220-240 Volt power supply
- 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
- KEEP THESE INSTRUCTIONS

Correct disposal of this product



This symbol indicates that this product must not be disposed of with other household waste across the US. To help prevent potential harm to the environment or human health from uncontrolled waste disposal, please recycle it responsibly to support the sustainable reuse of material resources. To return your used device, use the return and collection schemes, or contact the retailer from whom the product was purchased so they can arrange environmentally safe recycling.

BROMIC
HEATING

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

Note: Bromic Pty Ltd reserves the right to amend specifications, parts, components and equipment without prior notice. This installation, operation and service manual must not be reproduced in any form without prior written permission from Bromic Pty Ltd.

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IMPORTANT NOTES & WARNINGS

WARNING

- IMPORTANT - Installation MUST be completed by a licensed electrical contractor.
- The heater must be installed on level ground and by 2 people.
- Incorrect installation, adjustment or modification, or failure to follow the warnings and instructions in this manual, may result in serious personal injury, death or property damage.
- The manufacturer accepts no responsibility for any damage arising from improper use. The manufacturer stresses that this appliance must be used responsibly and that all procedures, warnings and safety instructions in this booklet must be followed strictly.
- The installer must ensure compliance with local authority requirements, local electrical installation codes, municipal building regulations and any other relevant statutory requirements.
- Do not use or store flammable materials near this appliance.
- This installation, operation and service manual must not be removed from the installation site. The installer should leave this manual with the customer for future reference.
- Always maintain a minimum safety clearance of 3.3 feet in front of the Heater Head.
- The Heater Head must be installed at least 5.9 feet above the floor.
- The heater must not be positioned directly below or in front of an electrical socket outlet. Radiant heat from the appliance may damage the socket or plug if incorrectly located.
- Any guard or other protective device removed for servicing (by a licensed electrical contractor) must be refitted before operating the heater.
- This appliance may be used by children aged 12 years and over, and by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, provided they are supervised.
- Children must not play with the appliance.
- Cleaning and user maintenance must not be carried out by children without supervision.
- Children under 12 years must be kept away unless continuously supervised.
- Some parts of this product can become very hot and may cause burns. Take particular care where children and vulnerable people are present.
- Keep packaging materials out of the reach of children.
- Do not spray aerosols or flammable materials near this appliance while it is operating or while the heater surface is hot.
- Installation and repairs must be carried out only by a qualified, licensed electrical contractor. The heater should be inspected before use and, at a minimum, serviced and inspected annually by a qualified and licensed service technician.
- The Heater Head contains no user-serviceable parts. For the Base and Arm, please see the Maintenance and Servicing section for further information on fault-finding and spare parts.
- The LED in this luminaire is not replaceable and must not be removed.
- Do not carry out any maintenance until the heater is switched off, the power supply is disconnected, and the unit has cooled to room temperature.
- Materials or items stored beneath or close to the appliance will be exposed to radiant heat and may become discoloured or seriously damaged. Combustible items (e.g. flooring, furniture, fittings and plants) must be kept at least 3.3 feet from the front of the heater head.
- Ensure the heater is not directed towards the ceiling or towards any flammable or combustible substances/materials.
- This radiant heater is NOT designed for installation on, or in, vehicles and/or boats.
- Do not modify the unit in any way.
- Remove all transit protection and packaging before use.
- Do not paint any part of the heater.
- Take care during installation. Once the packaging has been removed, inspect the glass for damage before use. If you suspect the appliance is damaged, stop using it immediately and contact the supplier.
- Inspect the appliance for damage before every use. Do not use the heater if the glass panel, or any other part, is damaged. If you suspect the appliance is damaged, stop using it immediately and contact the supplier.
- Take care around the appliance to prevent damage. Do not play ball games near the appliance where it could be struck accidentally.
- After unpacking, ensure the appliance shows no visible signs of damage or tampering. If the appliance appears damaged, contact the retailer for assistance.
- This appliance must only be used with a 220-240V AC single-phase power supply.
- Do not touch the heating surface at any time, even when the heater is switched off and has cooled.
- Never touch the heater with wet hands.
- If the appliance has not been used, or will not be used, for an extended period, disconnect the power supply.
- At the end of this product's service life, it must not be disposed of with household waste. It must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance via the appropriate channels at the end of its service life. Failure to do so may result in penalties under local waste-disposal regulations. Correct separate collection, followed by recycling, processing and environmentally responsible disposal of waste equipment, helps prevent unnecessary environmental harm and potential health risks, and supports the recycling of materials used in the appliance. For further information on waste collection and disposal, contact your local waste disposal service or

IMPORTANT NOTES AND WARNINGS CONTINUED ...

place of purchase.

- If the unit is hard-wired to a supply line, fit a double-pole circuit breaker upstream, with a contact separation of at least 1/8 inch. If you're not sure whether a circuit breaker is installed on the premises, contact an authorised service technician.
- Do not install the heater next to a bath, shower, swimming pool or any other body of water. Switches and controls must be positioned out of reach of anyone in a bath, shower, swimming pool or other body of water.
- To maintain the Ingress Protection rating (IP54), use only outdoor plugs and sockets rated IP54 (or higher) for the electrical installation.
- This product has no mains isolation switch. A means of isolating the heater must be provided via the wall socket and fixed wiring, in accordance with local electrical codes.
- When moving the heater, do not roll it over the supply cable, as this may damage the cable.
- If the supply cable is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid a safety hazard.
- This heater does not have a room temperature control device. Do not use this heater in small rooms when they are occupied by people who cannot leave the room unaided, unless they are under constant supervision.
- Do not bend the power connection cable excessively.
- Keep the supply cable and plug away from sharp edges during handling and installation.
- Do not pull the supply cable or subject it to traction force.
- Take care when removing goods from the shipping container to avoid injury when lifting heavy parts. Maximum safe lifting 35 lbs per person.
- Take care when lifting the weights. Each weight is 22 lbs. Maximum safe lifting 35 lbs per person.
- During assembly, fit all 10 weights to the base to prevent the heater tipping over or moving unintentionally.
- Take care when moving the base. Have two people guide the heater when repositioning it to avoid bumping into nearby objects. When moving the fully assembled heater, the weights must be fitted to the heater, to help prevent tipping. The heater can be moved forwards and backwards, and turned on the two fitted wheels.
- When moving the base, make sure the floor is properly protected.
- The heater must be installed on a level surface that can support at least 350 lbs. Do not install the heater on soft surfaces that cannot take its weight (e.g. grass, mud, dirt).
- Do not lean on the heater or place any items against it, including the arm.
- Do not hang any items from any part of this appliance; for example, do not hang towels, clothing, lines, lights or cables.
- Do not swing from the arm or the heater head.
- Do not stand or sit on any part of the heater, including the base.
- When not in use, disconnect, cover and store the product away from direct sun and rain.
- The heater is designed to withstand winds of up to 20 mph. In areas where winds may exceed 20 mph, the base must be secured to the ground or the heater should be stored in a sheltered place. Remove any fixings before moving the heater. When moving the fully assembled heater, the weights must be fitted to the heater to prevent tipping.
- The Base Cover and mounting screw must be fitted to protect the base components.
- The rubber seal must be fitted to the Base Cover to prevent scratching of painted pole surfaces.
- O-rings must be fitted to the arms to prevent water ingress and reduce corrosion.
- Caution: the base can be a trip hazard.
- Do not use the heater if the Heater Head is not level with the ground. During assembly, check the angle using a spirit level (not included).
- Do not use the heater if the heater head or arm is loose.
- Check the product label for the correct voltage and wattage to ensure the power supply meets the heater's requirements.
- Clean the heater's outer casing regularly. To clean the appliance, make sure the heater is switched off and has been off for at least 2 hours after use, then wipe away dirt/dust with a soft damp cloth and glass cleaner. Salt in the air can cause metal to rust, particularly in coastal areas. Cleaning the heater fortnightly with a soft damp cloth will help maintain its appearance.
- Do not clean the heater using flammable or corrosive cleaners.

KEEP THESE INSTRUCTIONS

PRODUCT DESCRIPTION

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

The Eclipse Smart-Heat™ Electric heaters are electrically approved in Australia, New Zealand, USA, Canada, Europe and the UK, and are rated IP54 for Ingress Protection, making the Eclipse Smart-Heat™ Electric Portable the ideal solution for a wide range of indoor and outdoor heating applications.

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

PRODUCT SPECIFICATIONS

SPECIFICATIONS	
Model	Eclipse Smart-Heat™ Electric Portable
Part No (Portable Heater Head USA/CAN)	BH0820001-2
Part No. (Portable Arms USA/CAN)	BH8380001-1
Part No. (Portable Base USA/CAN)	BH8380002-2
Appliance Output (Watts)	2900 W
Light Output (Watts)	20 W @ 24 VDC
Mains Supply Required (Volts)	220-240 V~ 60 Hz
Ingress Protection	IP54
Heater Head Dimensions (W x H x D)	27.5 x 27.5 x 4.4 in
Heater Head Weight	30 lbs
Arm Weight	33 lbs
Base Weight (including weights)	320 lbs
Finish	Matt Black
Approvals	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 modern design to suit any décor.
- Efficient portable space heating with 3 built-in heat settings.
- 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, cafés, bars and clubs, factories, office spaces, designated smoking areas, public areas, hotels, homes and more.

HEATER INSTALLATION INSTRUCTIONS - PORTABLE

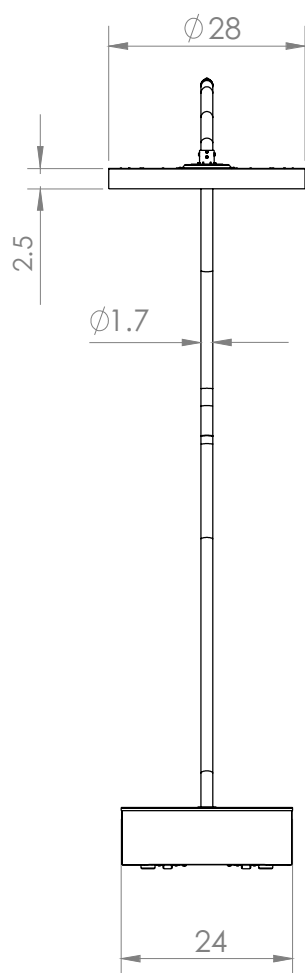
KEY DIMENSIONS & CLEARANCES

Heaters must be installed in accordance with the minimum installation clearances shown in these diagrams. The appliance must not be moved after installation if doing so reduces the required clearance distances.

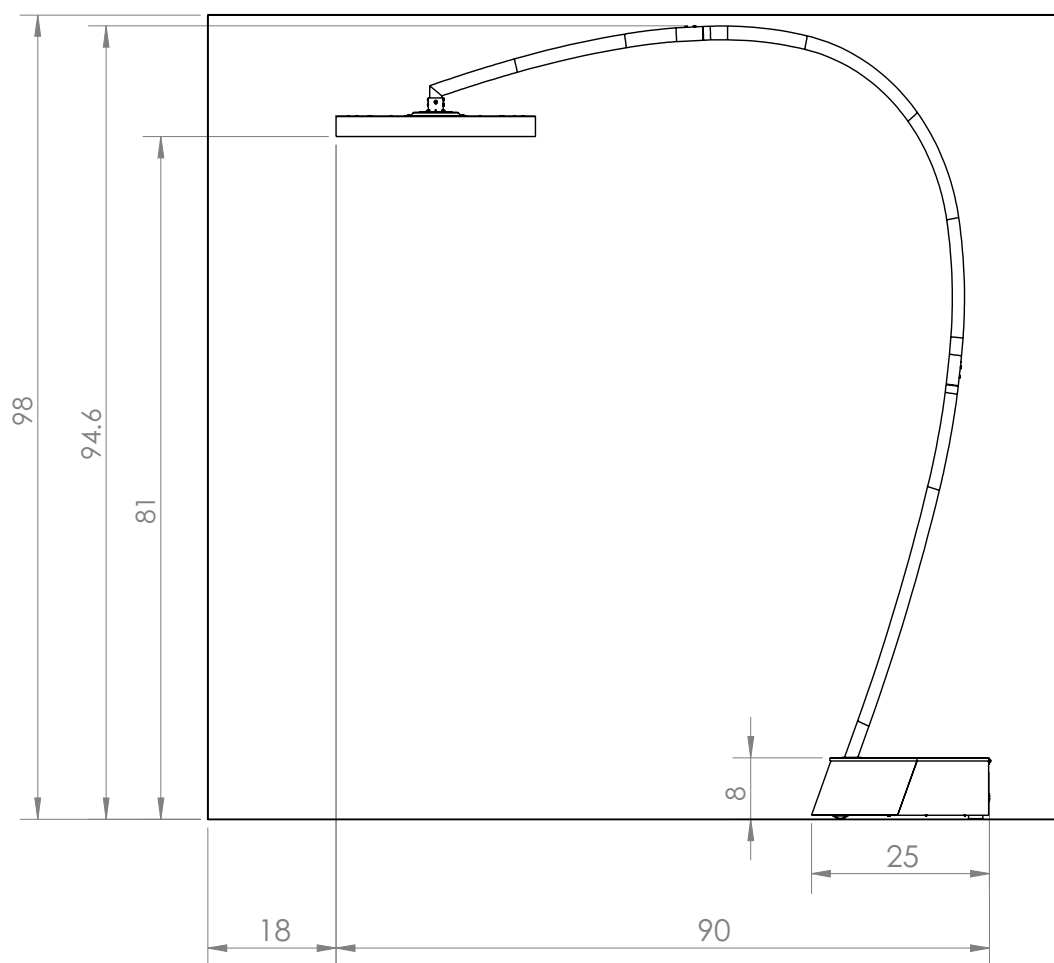
Dimensions shown in: **inches**

PORTABLE

FRONT VIEW

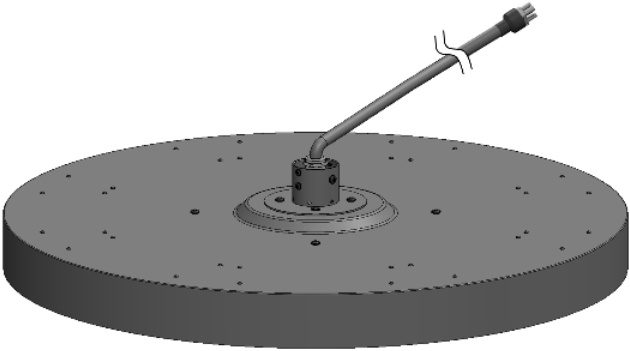


CEILING & WALL CLEARANCE

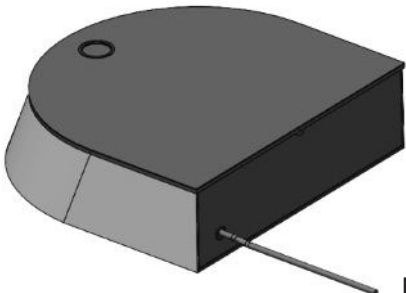


The stated clearance to heat-sensitive materials is based on a surface temperature of 117°F above ambient room temperature. Building and other structural materials with low heat tolerance (such as plastic, uPVC cladding, canvas, tri-ply, etc.) may deteriorate at lower temperatures. It is the installer's responsibility to ensure adjacent materials are adequately protected.

Contents Packed in (3) Boxes

Box 1 Contents	
Eclipse Head Assembly with 15ft cable & plug. Includes 4 x pre-assembled Dome Head Screws (M4 - Length: 6mm) & 2 x Dome Head Screws (M5 - Length: 14mm)	
Instruction Manual (This Document)	
Box 2 Contents	
Lower Arm with Large O-Ring fitted	
Middle Arm with Large O-Ring fitted	
Upper Arm	

4 x Slotted Head Screws (M4 - Length: 6mm) with O-Rings installed	
SPARES: 4 x Slotted Head Screws (M4 - Length: 6mm) with O-Rings installed	

Box 3 Contents	
Base Assembly including 10 x Base Weights	 Note: Plug not shown.

Tools/Parts Required (Not Included)

- Bolts for securing to the ground surface
- Phillips screwdriver
- Flat-head screwdriver
- Small step Ladder
- 2 strong people to assist with lifting & assembly
- Spirit level



WARNING

This heater **MUST** be installed by a licensed electrical contractor. Do not carry out maintenance, or undertake any installation or assembly while the power is switched on. Wait 2 hours after switching off the heater before handling, to avoid contact with hot surfaces.

To maximise product life and keep it looking its best, place the heater under cover and protect it from rain and weather. When not in use, disconnect & store the product under cover away from direct sun and rain exposure.



IMPORTANT

The appliance must be positioned on firm, level ground so that the heater head is level.

For further information, including video instructions, please visit Bromic.com/heat

FOR INSTALLERS – BEFORE YOU START

To install and operate the Bromic Smart-Heat Control, you **MUST** have access to the following:

A smart device with app capability and an internet connection.

(Minimum requirements: Bluetooth 4.2, Android 8.1, iOS 14.3 or later)

The Bromic Smart-Heat App, available to download from the Apple App Store and Google Play Store.

A Bromic Smart-Heat account, or access to an email address for registration.

The primary user's name and email address.

[Wi-Fi only] The SSID and password for a local 2.4GHz Wi-Fi network.

Refer to the operating instructions on pages 22-24.

Caution – Glass – Handle with care

- Take care during installation. Once the packaging has been removed, inspect the glass for any damage before use. If you suspect the appliance is damaged, stop using it immediately and contact the supplier.
- Check the appliance for damage before each use. Do not use the heater if the glass panel or any other part of the heater is damaged. If you suspect the appliance is damaged, stop using it immediately and contact the supplier.
- Take care around the appliance to prevent it from being damaged. Do not play ball games near the appliance where the heater could be struck accidentally.
- To protect the appliance, do not remove the cardboard packaging from the head assembly until it has been mounted to the arm and base.

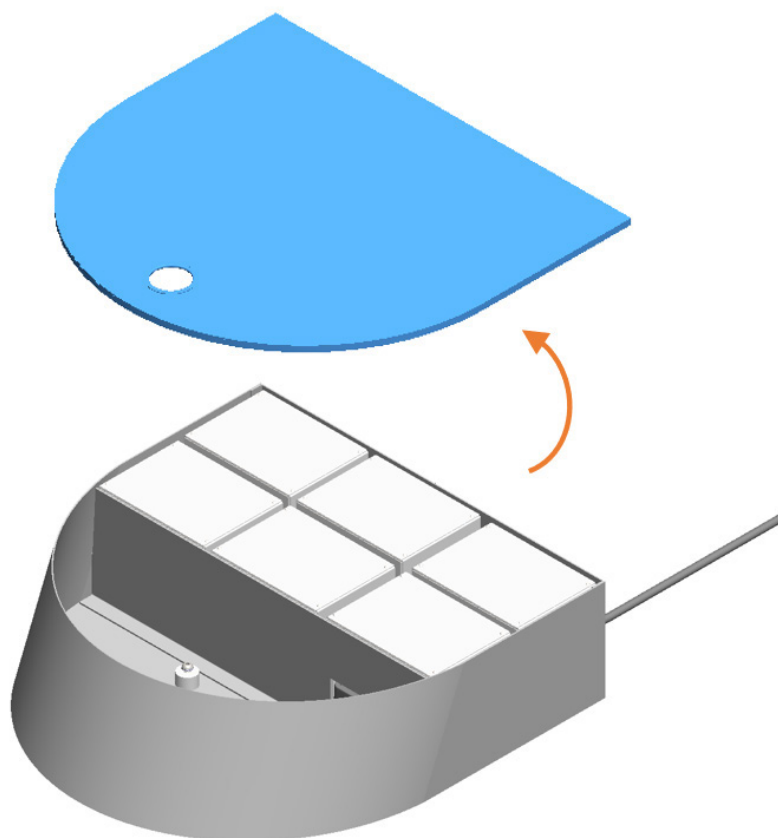
WARNING

Heavy items (>330 lbs). Maximum safe lifting is 35 lbs per person. A forklift must be used to move the crate before it is broken down.

1. Using a Phillips-head screwdriver, remove 10 screws to dismantle the base crate, exposing



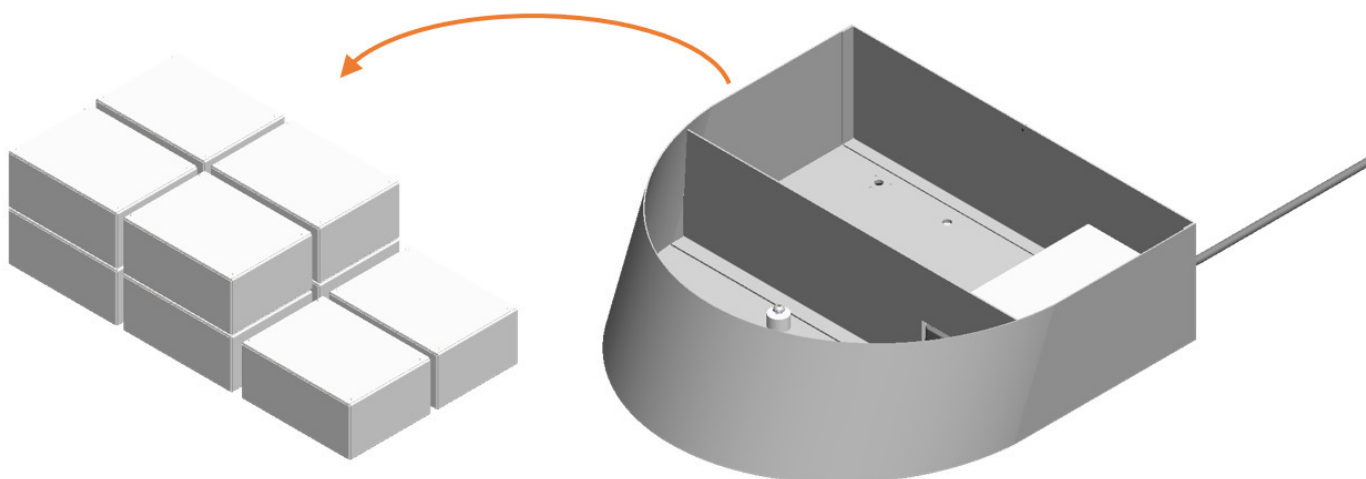
2. Remove the Base Cover and set it aside on a non-abrasive surface to prevent scratching.



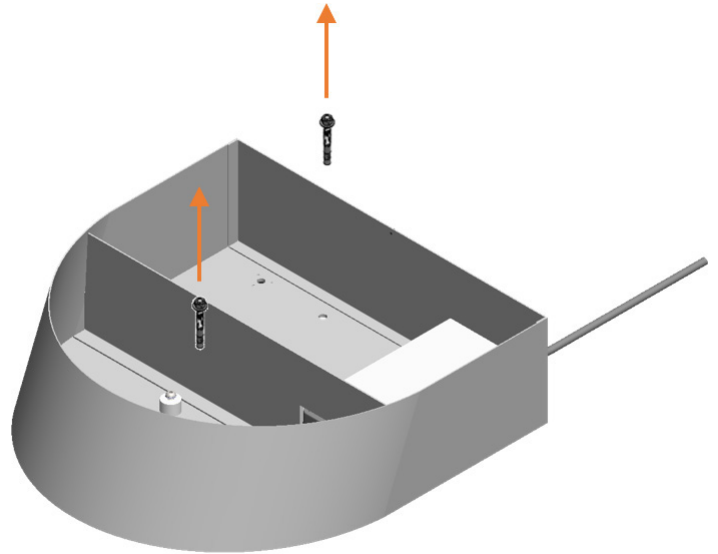
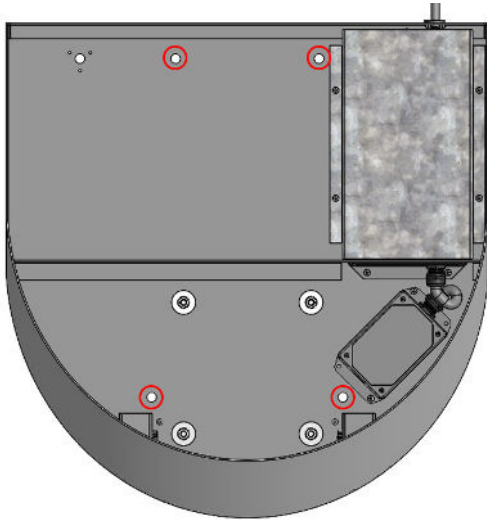
WARNING

Heavy items (22 lbs each). Take care when moving the weights.

3. Remove ten 22 lb base weights from the rear compartment of the heater base and place them near the intended heater location.



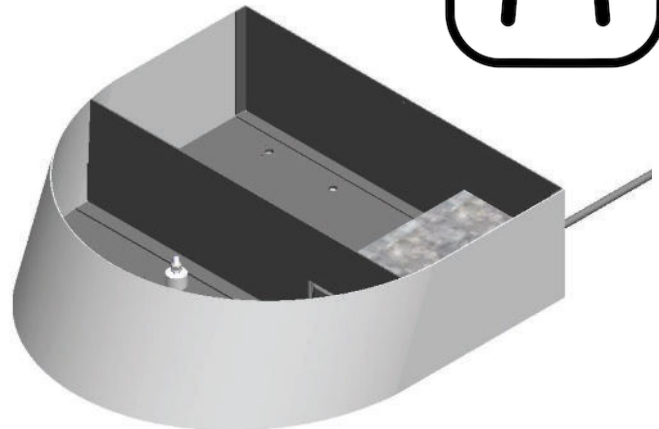
4. Remove the 2 x crate fixing screws from within the base.



WARNING

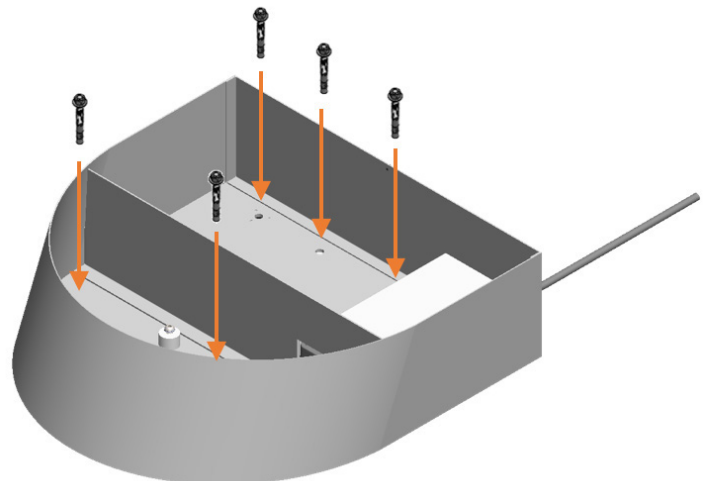
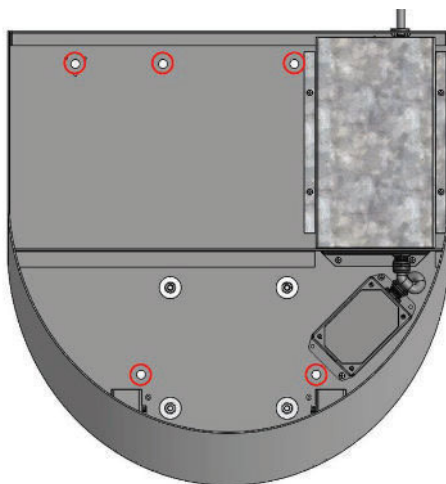
Heavy item. Minimum two-person lift. Maximum safe lifting weight: 35 lbs per person.

5. Lift the Base off the pallet and position it on a level surface at the chosen heater location.



NOTE: If installing in areas exposed to strong winds, gusts or hurricanes, the heater base must be securely bolted to the ground using suitably sized and appropriate bolts (not included) for the surface, through the 5 x holes in the Heater Base.

(Fixing bolts not supplied)

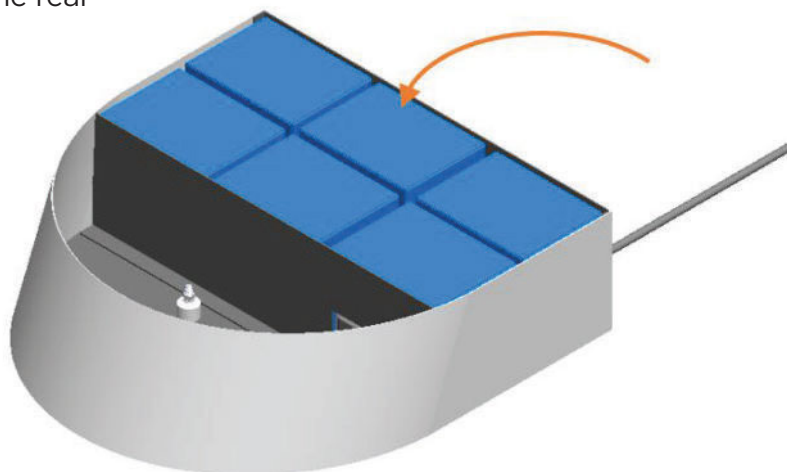




WARNING

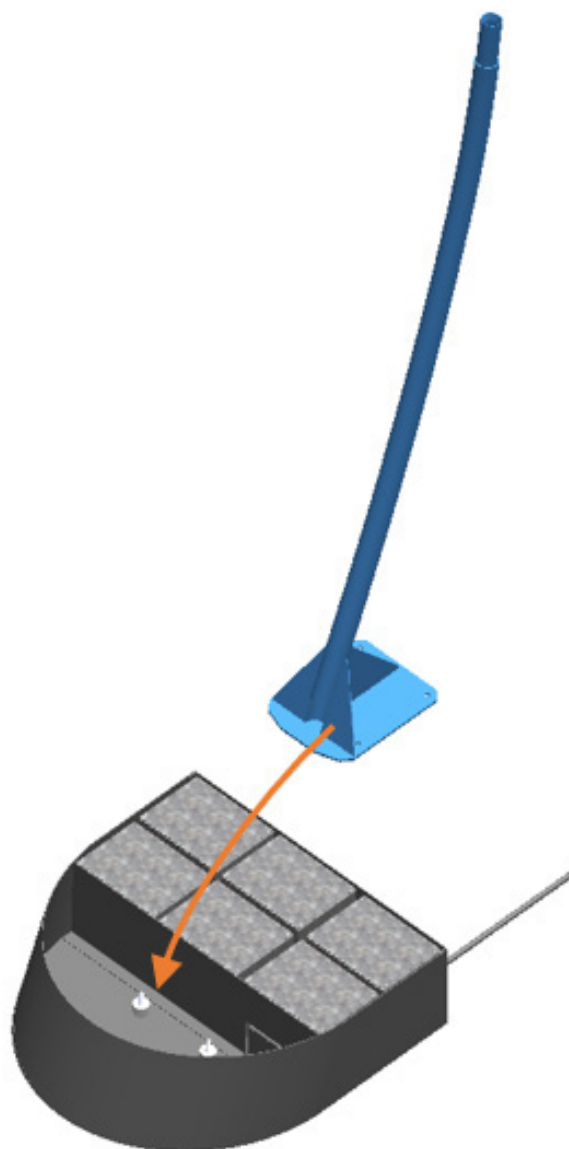
Take care when placing the weights back into the base. Wear gloves to protect hands and fingers from pinch points.

7. Reinstall 10 x 22 lbs base weights into the rear compartment of the Base.



8. Remove the Lower Arm section from its packaging.

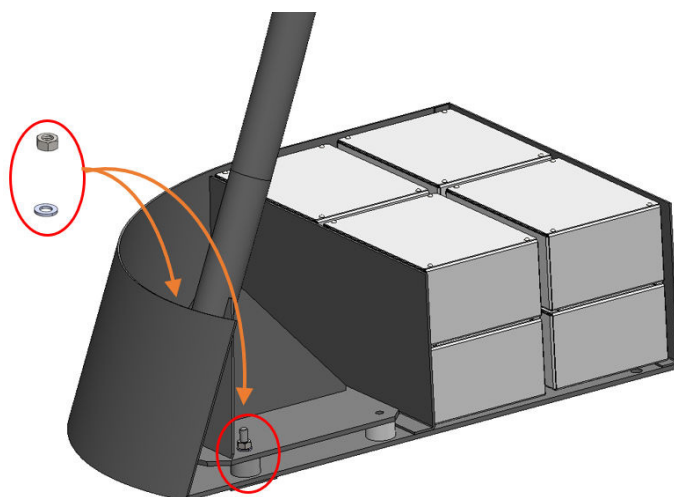
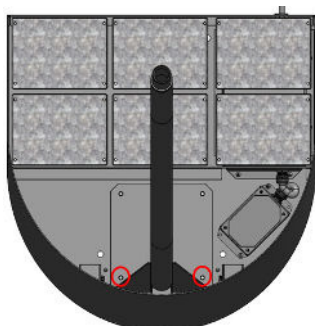
Insert the Lower Arm section into the base, aligning the **front** two mounting holes in the bottom plate with the two M8 threads on the base dampeners.



10. Secure the **front** two slots of the Lower Arm section to the dampeners using 2 X M8 Washers and 2 X M8 Nuts.

2x  M8 - Nut

2x  M8 - Washer



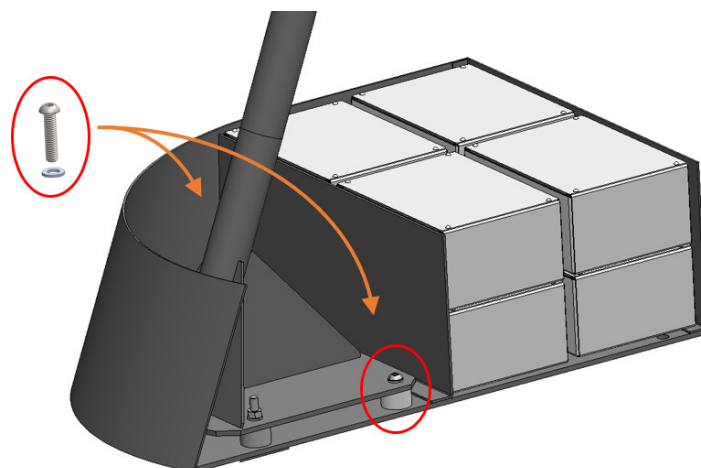
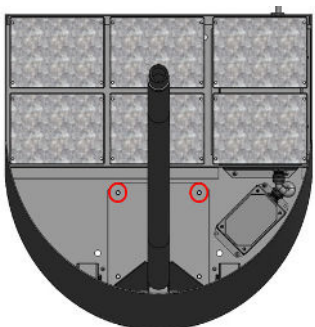
11. Secure the **rear** two slots of the Lower Arm section to the Base using 2 X M8 Washers and 2 X M8 bolts (Length: 35mm).

2x  M8 - Bolt Length: 35mm

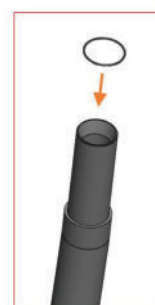
2x  M8 - Washer

IMPORTANT

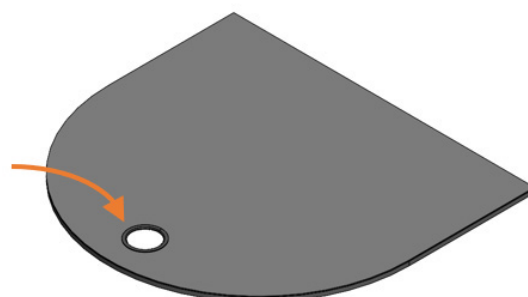
Make sure all Nuts, Washers and Bolts are correctly fitted and fully tightened so the arm stays securely assembled.



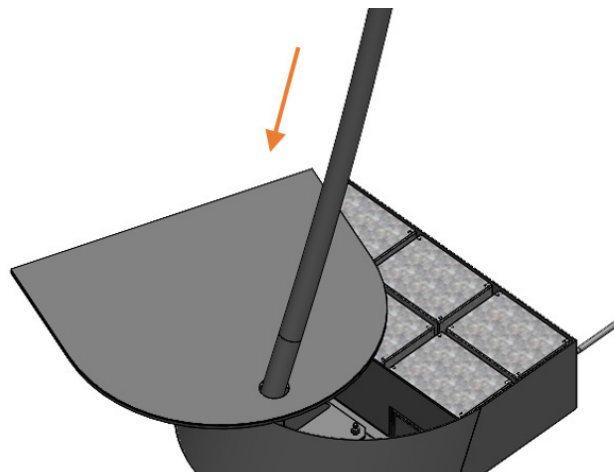
- Check that 1 x large O-ring (35 mm ID) is fitted to the connector section of the Lower Arm.



- Remove the Base Cover from its packaging and check that the seal is fitted into the arm slot.

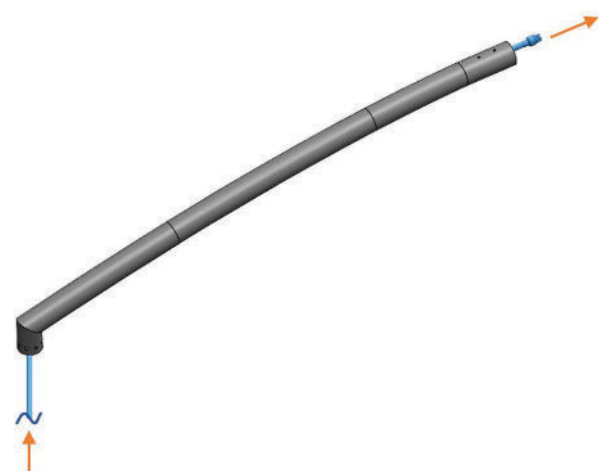


14. Slide the base cover down over the Lower Arm section, letting it sit on top of the Base.



15. Remove the Top Arm section and the Heater Head from their packaging.

16. Thread the cable through the Top Arm section, then pull through any slack.



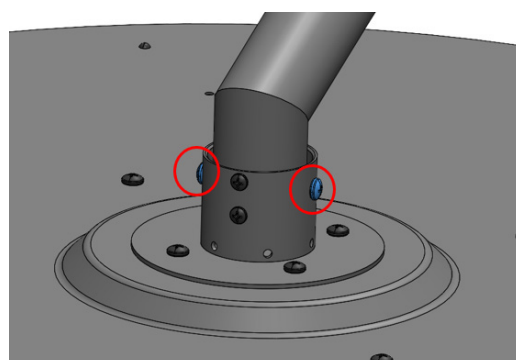
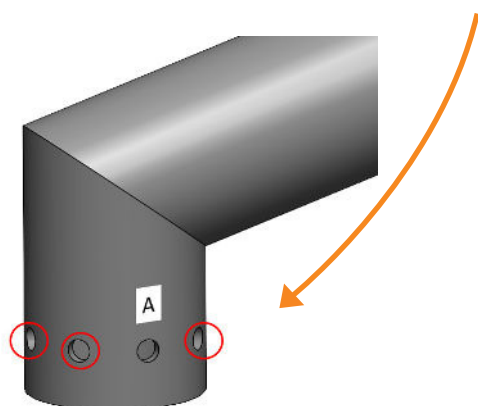
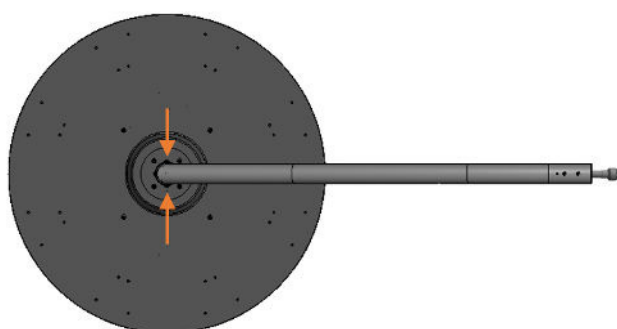
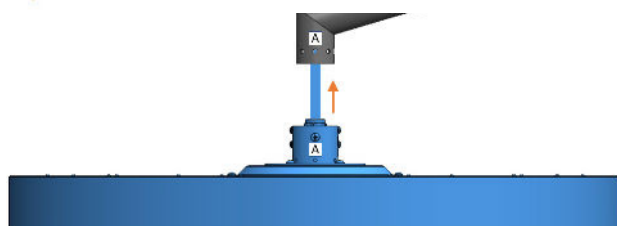
17. Secure the top arm section to the Heater Head using the 2 x Dome Head Screws (M5 - Length: 14mm) (pre-assembled to the head).

Align screw A on the heater head with screw hole A on the top arm section, and likewise B with B.

Insert both screws fully into the two screw holes, perpendicular to the arm, ensuring the bromic logo on the glass faces the front of the heater.

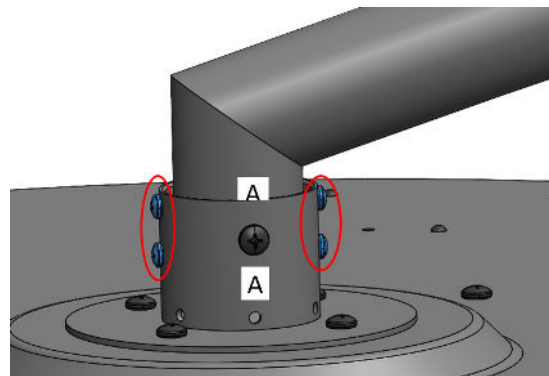
2x  M5 - Length: 14mm
(Pre-assembled to head)

Note: Additional screw holes are provided in case the heater head cannot be levelled to the ground in a later step. You can ignore these for now.



18. Secure the 4 X Dome Head Screws (M4 - Length: 6mm) to the head to lock the angle of the Heater Head relative to the Top Arm section. **NOTE: These screws will be used later to adjust the head angle once the heater is fully assembled.**

4 M4  Length: 6mm
(Pre-assembled to head)



19. Remove the Middle Arm section from its packaging.



20. Ensure 1 x large O-ring (35mm ID) is correctly fitted to the connector section of the Middle Arm.

21. Thread the Heater Head cable through the Middle Arm.

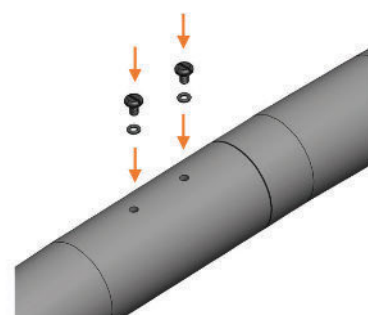
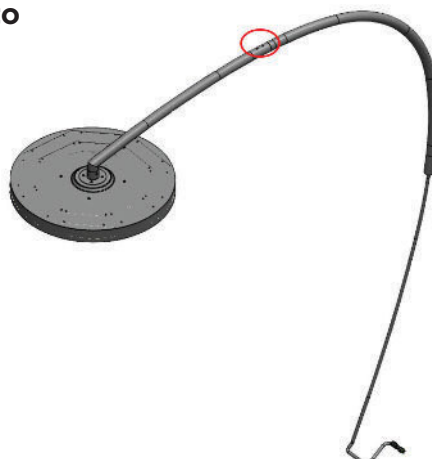


22. Secure the Middle Arm section to the Top Arm section using 2 x slotted head screws (M4 - Length: 6mm), with O-rings in place.

2x  M4 - Length: 6mm

IMPORTANT

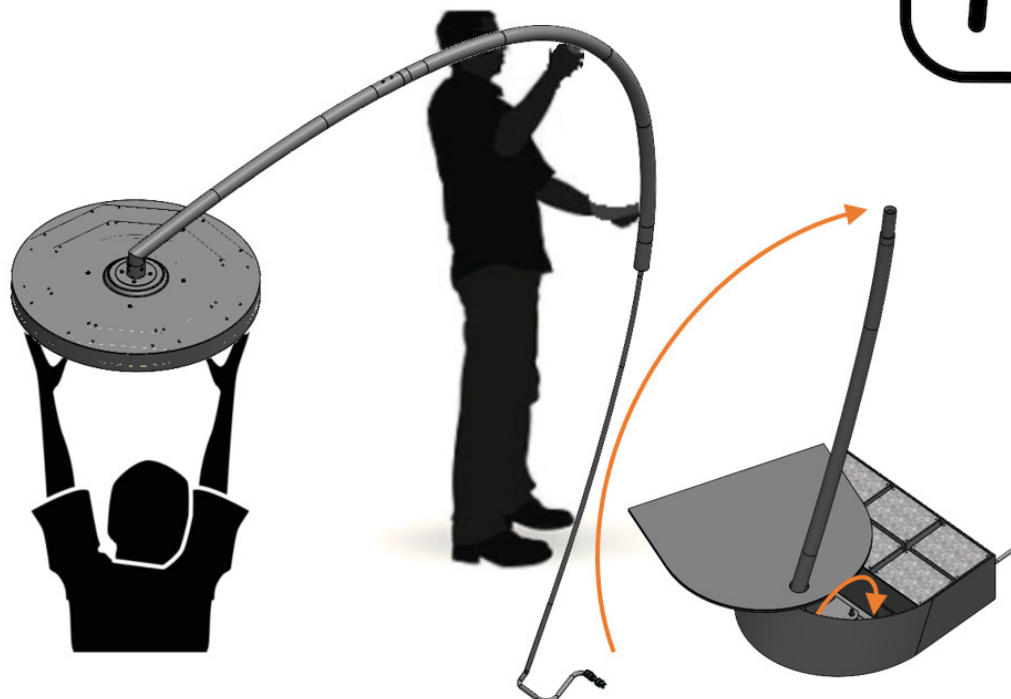
Both (2x) screws must be fitted to ensure the arm stays assembled.



WARNING

Two-person lift. Maximum safe lifting weight: 35 lbs per person.

23. With help from another person (two, if possible), thread the Heater Head cable through the Lower Arm, then pull the slack down into the base.

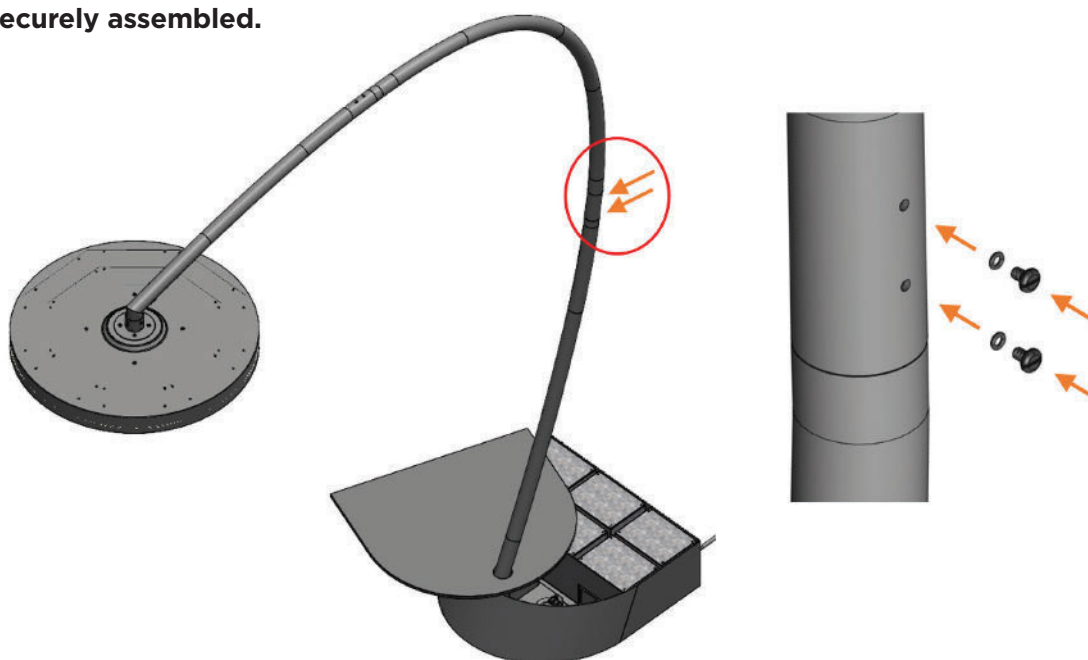


24. Secure the Middle Arm to the Lower Arm using 2 x slotted head screws (M4 - length: 6 mm), with O-rings fitted.

2x  M4 - length: 6 mm

IMPORTANT

Both (2x) screws must be fitted to ensure the arm stays securely assembled.



Using a spirit level and a Phillips-head screwdriver, adjust the heater head angle so it sits level by turning the 4 x Dome Head screws (M4 - Length: 6mm) on the heater head.

4 M4 - Length: 6mm
(Pre-assembled)



IMPORTANT

Once the heater head is level with the ground, fully tighten all 4 x Dome Head screws to stop the head from moving.

NOTE: If the heater head cannot be levelled by adjusting the 4 screws, check that the mounting floor provides a level surface to support the heater.

WARNING

The heater must be level during use to avoid damaging heater head components. Always operate the heater on a level surface.

26. Inside the Base, remove 4 x Oval Head screws (#4-40 - Length: 3/8") from the Small Connector Box, then remove the lid.

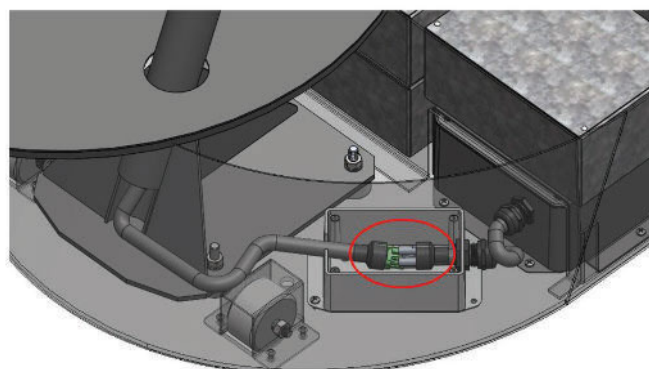
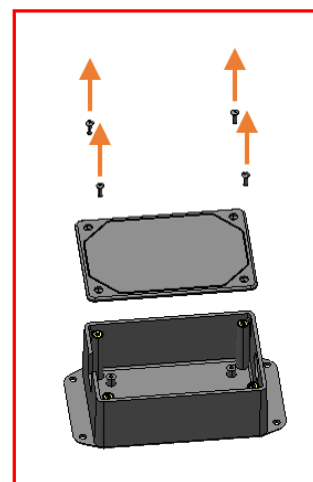
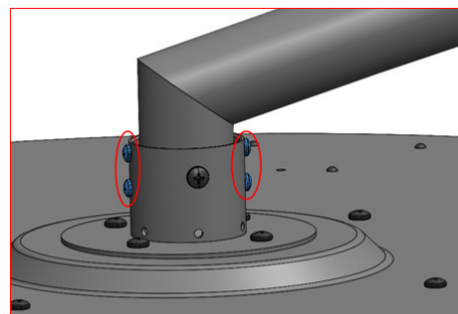
4 #4- Length: 3/8"
(Pre-assembled)



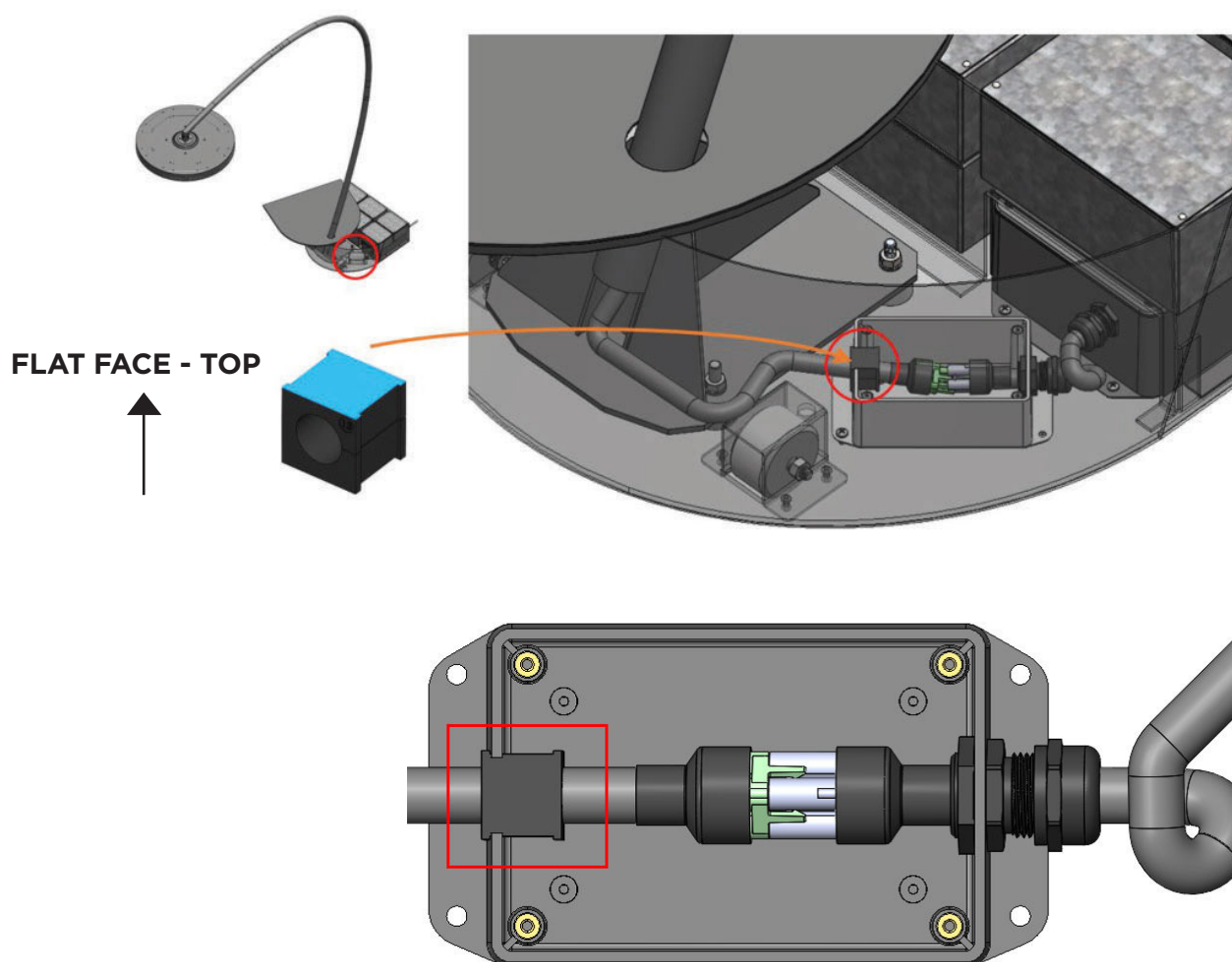
DANGER

The base **MUST NOT** be connected to a power source when attaching the connector.

27. Connect the male plug on the Heater Head cable to the female socket inside the small connector box.

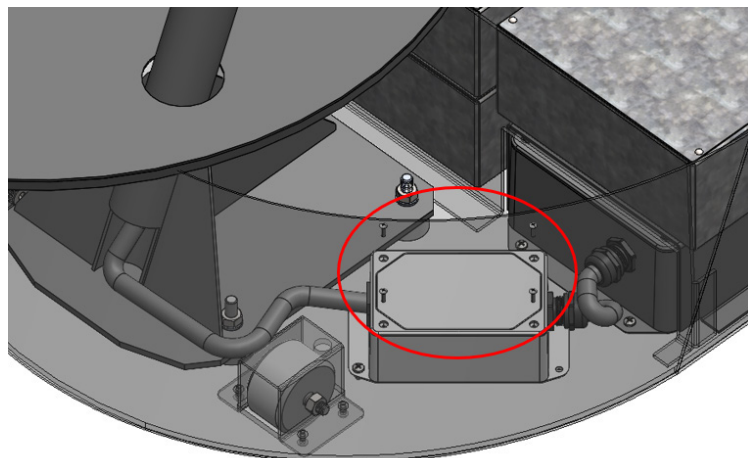
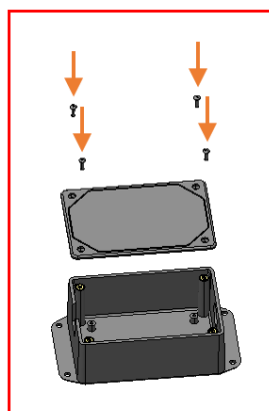


28. Fit the rubber cable grommet around the cable, then seat it in the square opening in the connector box, making sure the flat face is pointing upwards.

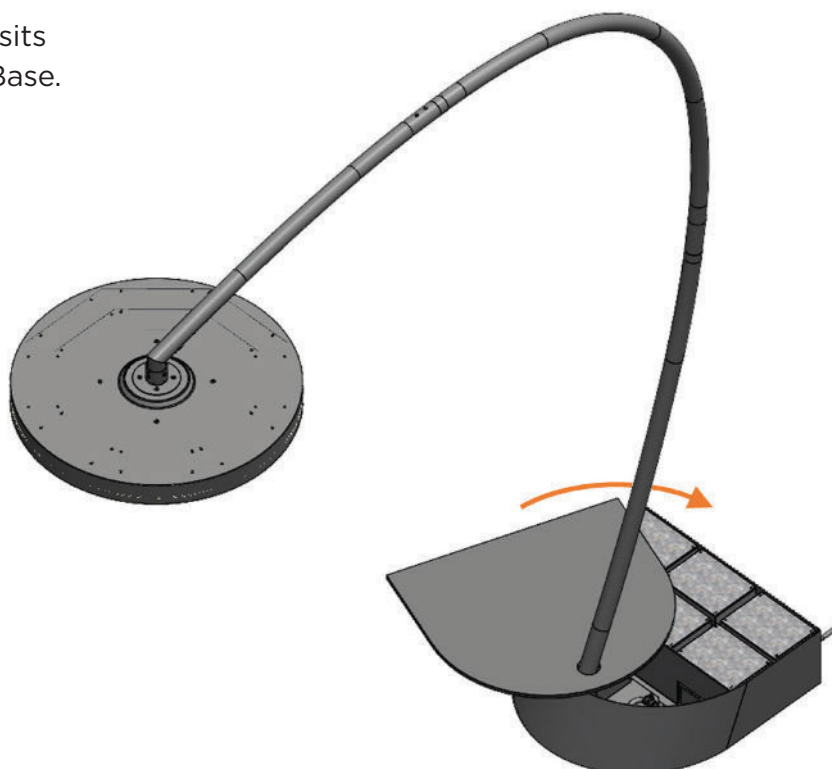


29. Secure the Small Connector Box lid using the 4 x oval head screws (#4-40 - Length: 3/8")

4x  #4-40 - Length: 3/8"

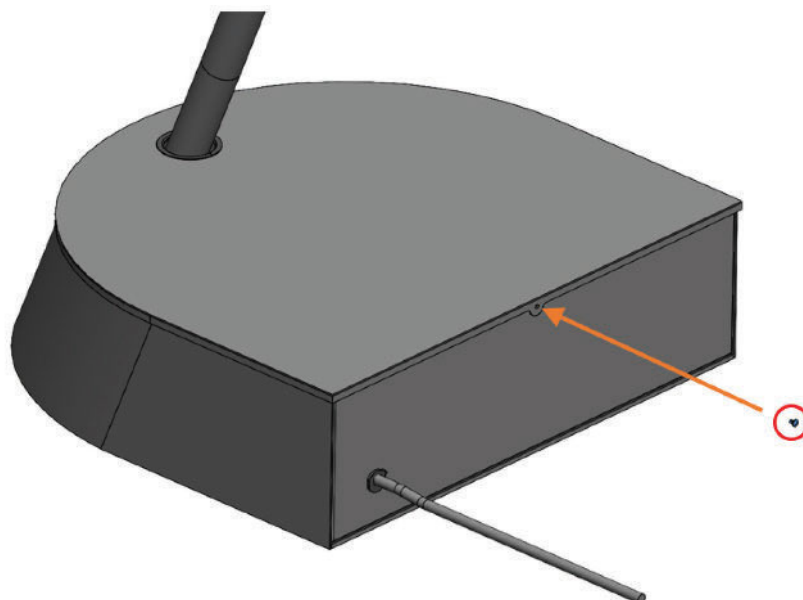


30. Rotate the Base Cover until it sits correctly and fully covers the Base.



31. Secure the Base Cover to the Base using the Dome Head Screw (M4 - Length: 6mm). Use the supplied screw.

1x  M4 - Length: 6mm



32.  **DANGER**

Remove all packaging materials before switching 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 the electrical supply before installing or servicing this heater. Read and follow the installation clearance requirements set out in this manual. The appliance **MUST** be connected to a properly earthed electrical supply. Isolate the mains before installation. Use only with the heater securely fitted.



IMPORTANT

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

All connections must be made in accordance with local electrical code regulations. For outdoor installations, all connections must comply with local electrical code regulations for outdoor wiring.

OVERCURRENT DEVICE: The outputs are NOT protected against short circuits or overcurrent conditions, which may damage the electronic circuit board. Assess the connected loads and fit appropriate protective devices on the power supply line.

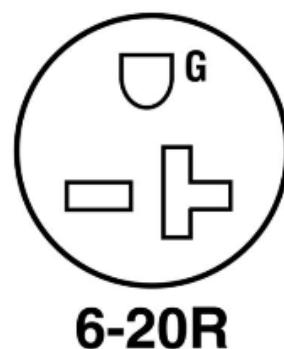
Before switching on, check around the heater for any potential hazards.



IMPORTANT EARTHING INSTRUCTION

This heater is designed for use on 220–240 volts. The power lead is fitted with a NEMA 6-20P plug, as shown in the image below. No adaptor is available for this blade configuration, and none should be used. A 220–240V earthed outlet is required (NEMA 6-20R receptacle). When correctly installed, the lead provides an earth connection to the heater to help protect the operator from electric shock.

EARTH PIN



OPERATING INSTRUCTIONS

SWITCHING THE APPLIANCE ON

1. Connect the appliance supply lead to a 220-240V, 20A outlet.
2. Switch the power outlet on.
3. In the Bromic Smart-Heat app, choose the required heater setting:
 - Heater 100% – Heater output at full power (100%).
 - Heater 66% – Heater output at 66% of maximum.
 - Heater 33% – Heater output at 33% of maximum.
4. Choose the required light setting:
 - Lights 0-100% – Light output can be adjusted from 0-100%.

NOTE: A small dim spot may be visible on the LED where the LED sections join; this is normal.



SWITCHING THE APPLIANCE OFF

1. In the Bromic Smart-Heat app, tap the required heater setting:
 - Heater OFF – Heater off.
2. Using the Bromic Smart-Heat app, select the required light setting:
 - Lights OFF – Light off.
3. Disconnect the appliance supply lead from the outlet.

PREPARING TO MOVE THE APPLIANCE

1. Disconnect the appliance power lead from the wall socket.
2. Remove 1x M4x6mm screw from the Base Top Cover, then rotate the Base Top Cover to reveal the base weights and any floor fixing bolts.
3. Remove any floor fixing bolts from inside the base.

IMPORTANT

If any weights must be removed to access the floor-fixing bolts, DO NOT remove more than 3 weights at a time, and refit all weights before moving the appliance.

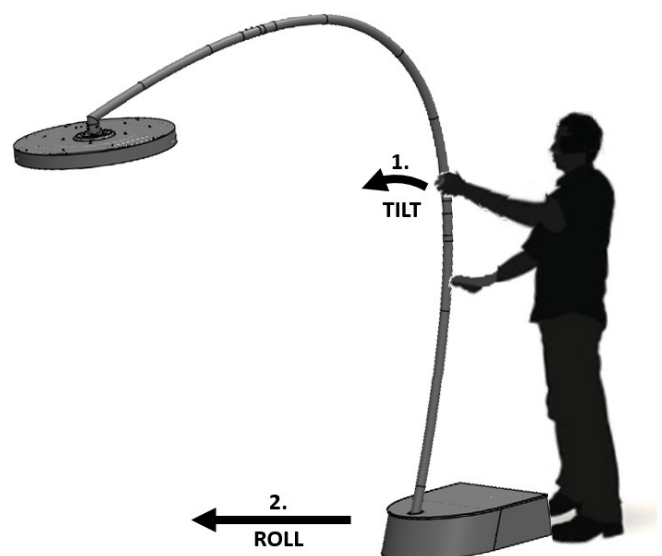
4. Make sure there is a clear route from the appliance's current position to where it will be moved.

WARNING

The heater is heavy and may cause crushing injury. DO NOT put feet under the base while moving the heater. Wear suitable protective clothing to reduce the risk of injury (e.g. appropriate protective footwear).

MOVING THE APPLIANCE

1. Stand behind the appliance and, with both hands on the arm, gently tilt it forwards until it rests on the two front wheels underneath the base.
2. Roll the appliance forwards to the required position.
3. If necessary, pivot the appliance on the two wheels, while keeping an eye on the head position to avoid accidental impacts.
4. Refit any floor-fixing bolts into the base and floor, if applicable.



OPERATING INSTRUCTIONS

APP SETUP

Download the Bromic Smart-Heat App from the Apple App Store or Google Play Store. When you open it, the Bromic Smart-Heat App will ask you to register an account, then guide you through setting up your site. Please note that each Smart-Heat Control must be set up individually. Once your site is configured, you can set up and control multiple controllers.



App Store



Play Store

Initial pairing of a controller must be completed via a Bluetooth connection. Therefore, you must stay within 10m of the controller until setup is finished. Bluetooth range can vary depending on site conditions and devices; it is recommended to remain within 10m (30ft) of the controller at all times. Wi-Fi communication is the recommended option and enables additional features not available over Bluetooth.

REGULAR USE

Once your site has been configured, you can use the Bromic Smart-Heat App to operate all controllers on the site. If the control is connected to Wi-Fi, you will also have access to additional features such as zoning and scheduling your Bromic heaters. Zones can also be used to reorder your appliances by adding them in the exact order you want them to appear.

The menu can also be used to carry out various functions, such as:

- Managing site configuration.
- Managing site access with multiple users.
- Viewing heater usage.
- Calculating heating costs.

If a Wi-Fi-configured control loses its network connection, it will automatically switch back to Bluetooth until the network is restored. This may take up to 3 minutes.

Bluetooth can only be used with one smart device at a time. If the app is open on more than one smart device, the connection will automatically move to an available device when the currently connected device leaves the app, closes the app, or the screen is locked.

CONTROL MAINTENANCE

This control contains no user-serviceable parts and therefore requires no maintenance after the initial installation. We recommend keeping your Bromic Smart-Heat App up to date. If the control is not operating, please refer to the troubleshooting table in this manual. If the control appears to be damaged, stop using it immediately and contact your supplier. Before carrying out any inspection or servicing connected appliances, an isolator switch or circuit breaker must disconnect all live circuits.

If you encounter any issues with the Bromic Smart-Heat App, please refer to the troubleshooting section in this manual. If you are having trouble resolving the issue, follow the instructions below to reset a Smart-Heat Control using the Bromic Smart-Heat App.

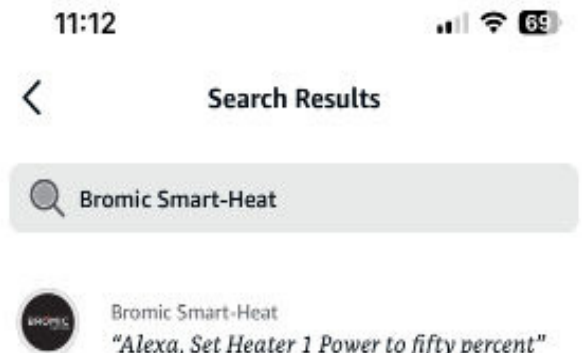
Controller reset – This can only be carried out using BLE and while connected to the controller. To reset a controller, delete it either from the appliance list or via the site configuration menu. Then reconfigure the controller on the site, making sure you are within 10m of the controller to maintain the Bluetooth connection.

VOICE ACTIVATION

Note: You'll need an Amazon or Google Home account before linking your device.

AMAZON ALEXA INSTRUCTIONS

1. Open the Amazon Alexa app and tap the 'More' tab.
2. Select 'Skills & Games'.
3. Use the search bar to find 'Bromic Smart-Heat', then choose the Bromic Smart-Heat skill shown in the screenshot provided.
4. Tap 'Enable to Use'.
5. Sign in to your Bromic app account.
6. Tap 'Authorise'.
7. You'll then be prompted to set up each heater individually and assign it to any rooms you've created.



Note: The Alexa app will import any groups you've created in the Bromic Smart-Heat app, as well as each appliance individually.

Suggested voice commands:

- Turn individual appliances on/off, or dim a specific appliance to your preferred percentage:
e.g. "Alexa, turn [appliance name] on/off"
e.g. "Alexa, set [appliance name] to 50%"
- Switch a group of appliances on/off, or dim a zone of appliances to your preferred level: e.g. "Alexa, turn [group name] on/off"
- Switch LEDs on/off, or dim the LEDs to your preferred level:
e.g. "Alexa, turn [appliance name] lights on/off."
e.g. "Alexa, set [appliance name] lights to 30%."

GOOGLE HOME INSTRUCTIONS

1. Open the Google Home app and select the 'Devices' tab.
2. Select '+ Add'.
3. Tap 'Works with Google'.
4. Use the search bar to find 'Bromic Smart-Heat', then choose the option shown in the provided screenshot.
5. Sign in to your Bromic app account.
6. Tap "Agree and Link".
7. Add each Bromic appliance shown to your preferred room.

Suggested voice commands:

- Switch individual appliances on/off, or dim to your preferred percentage
"Hey Google, turn [appliance name] on/off."
"Hey Google, set [appliance name] to 50%."
- Switch a group of appliances on/off, or dim a zone of appliances to the required percentage:
"Hey Google, turn [group name] on/off."
"Hey Google, set [group name] to 30%."
- Switch lights on/off and adjust brightness:
"Hey Google, turn [appliance name] light on/off."
"Hey Google, set [appliance name] light to 70%."

IMPORTANT NOTES & WARNINGS



DANGER

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



WARNING

Servicing and maintenance MUST be carried out by an authorised and licensed service person only.



WARNING

If the supply cord is damaged, it must be replaced by Bromic, a Bromic service agent, or an equivalently qualified person to prevent any hazard. Contact Bromic for more information about replacing the supply cord.



WARNING

Lifting & Moving Hazard. Maximum safe lifting 35 lbs per person.

- To maximise product life and keep it looking its best, install the heater in a sheltered position and protect it from rain and the elements whenever possible.
- Before cleaning, make sure the appliance is switched off and has been off for at least 2 hours after use. The heater must be cool to the touch before cleaning begins.
- Clean the heater's outer casing regularly using a clean, soft, damp cloth. Salt in the air can cause metal to rust, particularly in coastal areas. Wiping the heater with a soft damp cloth every fortnight will help maintain its appearance. Do not clean the heater with flammable or corrosive cleaners.
- Cleaning the front of the appliance incorrectly may cause scratching and spoil its appearance. Read the guidelines below before cleaning the front of the appliance, and follow them to maintain the quality of the surface finish.

DO NOT	DO
Do not use abrasive 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 washing-up liquid.
Do not use a dry cloth or your hand to wipe clean the surface. Cleaning the surface with a dry cloth or your hand will grind dirt and dust into it and may cause scratches or damage.	Use a microfibre cloth in the lukewarm water solution. Rinse the cloth frequently to remove any dirt and dust and help prevent scratching the surface.
Do not press down and rub the surface. Do not scrub continuously or in an irregular, erratic manner.	Wipe the surface gently with the microfibre cloth. Use minimal pressure to avoid scratching. Keep contact with the surface to a minimum. Use strokes in the same direction, lift your hand, then repeat.
Do not buff dry with a cloth that could scratch the surface.	Leave the surface to air-dry.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
No heat	1. Incorrect heater setting selected 2. Incorrect voltage. 3. No power.	1. Select a heat level using the Bromic Smart-Heat app (33%, 66% or 100%). 2. Connect to a 220–240V power supply. 3. Check the power supply connection.
Not enough heat	1. Incorrect heater setting selected. 2. Heater is too small for the application.	1. Select a higher heat setting using the Bromic Smart-Heat app (66% or 100%). 2. Add additional heater(s).
Too much heat	1. Incorrect heater setting selected.	1. Select a lower heat setting using the Bromic Smart-Heat app (66% or 33%).
No light	1. Incorrect lighting setting selected. 2. Incorrect voltage. 3. No power.	1. Select a lighting setting in the app (50% or 100%). 2. Connect to a 220-240V power supply. 3. Check the connection to the power supply.
Not enough light	1. Incorrect lighting setting selected. 2. Light output too low for the application.	1. Select a higher lighting setting in the app (50% or 100%). 2. Add additional light(s).
Too much light	1. Incorrect lighting setting selected.	1. Select a lower lighting setting in the app (50% or OFF).
App is unresponsive / frozen	1. Too many requests in a short period of time. 2. The app or your phone's operating system may be out of date or incompatible. 3. Unstable internet connection. 4. Out of BLE range	1. Close and reopen the Bromic Smart-Heat App. 2. Update both your smart device and the Smart-Heat App. 3. Ensure you have a strong network connection (3 signal bars). 4. When using BLE mode, ensure the user is within 10m (30ft) of the controller.
Unable to connect to controller	1. [Bluetooth communication] Smart device is outside the controller's Bluetooth range. 2. [Bluetooth communication] Another user is currently connected to the controller and is operating the appliance. 3. [Wi-Fi communication] Controller is outside the Wi-Fi network range. 4. Signal interference.	1. [Bluetooth connection] Operate heaters within 10m (30ft) of the controller. 2. [Bluetooth connection] Ensure no other user is operating the appliance at the same time. 3. [Wi-Fi connection] Ensure the Wi-Fi network is active and the controller is within range.

Controller cannot be identified during installation	1. Bluetooth is not enabled on the user's device. 2. Controller has already been claimed by another user.	1. Enable BLE on the user's device. 2. Remove the controller from the other user's site/account.
Account activation email not received.	1. The email may be in the junk or spam folder. 2. The account was registered with an incorrect email address, or a typo was made during registration.	1. Check the junk or spam folder. 2. Try registering again using the correct email address.
Unable to complete WiFi installation	[WiFi Connection] 1. Incorrect SSID or password. 2. Network is not 2.4GHz. 3. Firewall policy is blocking communication.	Check with your IT administrator using the following details: 1. Wi-Fi network set to 2.4GHz. 2. Ensure the firewall policy permits MQTT, NTP and DNS services. Run a firewall bypass test using a smartphone hotspot, then set up the controller using that Wi-Fi hotspot. 3. See below for more firewall policy details.
Network firewall policy is blocking the internet connection	1. Wi-Fi or Ethernet installation fails with the error "cannot ping the cloud IP address." 2. The connection falls back to Bluetooth and the Wi-Fi connection cannot be restored.	Your IT administrator must allow communication on the following: -URL: bromic.production.broker.eu.freia.io -Port: 8883 inbound and outbound -URL: Pool.ntp.org -Port: 123 inbound and outbound -DNS: IP 8.8.8.8 -Port: 53 inbound and outbound

SPARE PARTS

Part Number	Description	Part Number	Description
BH0820001-2	Eclipse Electric Portable Heater Head (US)	BH8380005-1	Mains Cable (US) (20A) for Eclipse Electric Portable
BH8380001-1	Eclipse Electric Portable Arm Assembly	BH8380006	Screw & O-Ring Set for Portable Eclipse
BH8380002-2	Eclipse Electric Portable Base Assembly (US)	BH8380007-2	Portable Control Box (US) for Eclipse Electric Portable
BH8380003	Base Top Cover for Eclipse Electric Portable	BH8380008	Base Weight (22 lbs) for Eclipse Electric Portable
BH8380004	Base Wheel Set (2) for Eclipse Electric Portable	BH8380013	Eclipse LED