

ELECTRIC WALL-MOUNTED HEATER

INSTRUCTION MANUAL

#51BIH1500
#51BIH3000
#51BIH4500

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CRITICAL INFORMATION

- **Protect from Elements:** The heater must be protected from the elements. Exposure to rain or snow can cause a short circuit or damage the heating elements.
- **Maintain Proper Clearances:** Ensure a minimum of 3 feet of clearance on all sides of the heater. Failure to maintain proper spacing may result in property damage.
- **CAUTION - Outdoor Use Only:** This heater is designed for outdoor use only. DO NOT install this unit in an enclosed space. Ensure it is covered properly using the instructions below. Failure to do so could result in damage to property.

HAZARD STATEMENTS

General Safety:

1. **Read the Manual:** Read all instructions before using this heater.
2. **Hot Surface Warning:** The heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials at least 3 feet away from the heater's front, sides, and rear. Ensure that the rear grille is clear of walls or drapes to avoid blocking air intake.
3. **Supervision Required:** Exercise extreme caution when the heater is used by or near children or people with disabilities, or when left operating unattended.
4. **Unplug When Not in Use:** Always unplug the heater when it is not in use. To disconnect, grip the plug and pull it from the outlet. Never pull on the cord.
5. **Disconnecting:** Turn controls to "OFF," then remove the plug from the outlet.
6. **Malfunctioning:** Do not operate the heater if the cord or plug is damaged, or if the heater malfunctions, has been dropped, or is damaged in any way. Return the heater to an authorized service facility for examination and repair.
7. **Outdoor Use Only:** Do not use this heater in an indoor or enclosed space. Ensure it is covered properly to avoid damage from inclement weather. Failure to do so could result in damage to property.
8. **Avoid Wet Areas:** Do not use the heater in bathrooms, laundry areas, or similar locations. Never place the heater where it may fall into water. Avoid splashing or pouring water on the product.
9. **Cord Safety:** Do not run the power cord under carpeting or cover it with rugs or runners. Arrange the cord away from traffic areas to prevent tripping hazards. Do not route the cord under furniture or appliances.
10. **Proper Connection:** Ensure the heater is connected to a properly grounded outlet. Verify that the voltage and amperage on the heater matches the electrical supply.
11. **Foreign Objects:** Do not insert fingers or foreign objects into any ventilation or exhaust openings, as this may cause electric shock, fire, or damage to the heater.
12. **Airflow:** To prevent fire, do not block the heater's air intakes or exhaust. Avoid using the heater on soft surfaces like a bed, where the vents may become blocked.
13. **Intended Use:** Use the heater only as described in this manual. Any other use may cause fire, electric shock, injury, or damage to property.

14. **Warm Plug and Cord:** It is normal for the plug and cord to feel warm during operation. If the plug or cord becomes hot or distorted, the electrical outlet may be worn. Replace worn outlets or receptacles before further use to prevent fire hazards.
15. **Stable Placement:** Ensure the heater is placed on a stable and secure surface.
16. **Proper Plugging:** Fully insert the plug into an appropriate receptacle. Periodically check for signs of overheating or deformation at the outlet or plug.
17. **Transport Damage:** Inspect the appliance and power cable for any damage that may have occurred during transportation.
18. **Packaging Materials:** Ensure no pieces of polystyrene or other packaging materials are left inside the heater. A vacuum cleaner may be necessary to remove these materials.
19. **First Use Odor:** A slight odor may occur during the heater's first use, which is normal. Allow the odor to dissipate by running the appliance at full power for about ten minutes.
20. **Unattended Use:** Do not run the heater in locations where it will be left unattended for extended periods of time.
21. **No Attachments:** Do not use attachments or filters not recommended by the manufacturer.
22. **Direct Wall Plug:** Always plug the heater directly into a wall outlet. Do not use it with an extension cord, power strip, or relocatable power tap.
23. **Hyperthermia Warning:** Hyperthermia can result in death. Symptoms include high body temperature, headache, nausea, vomiting, dizziness, and rapid pulse. If these symptoms occur, turn off the heater and seek medical attention immediately.

Electrical Safety:

- **Proper Grounding:** Ensure the heater is plugged into a properly grounded NEMA-type outlet.
- **Avoid Extension Cords:** Never use an extension cord with the heater, as it can create a fire hazard.
- **Voltage and Amperage:** Verify the heater's voltage and amperage to ensure it matches the provided electrical service.

Operational Safety:

- **Overheating:** To avoid overheating, do not cover the heater while in use and immediately after use. Avoid placing objects on or near the heater's vents. Keep children, pets, and other individuals away from the vents while the heater is in use.
- **No Flammable Materials:** Avoid placing the heater near beds, where objects like pillows or blankets could fall into the heater and ignite.
- **No Wet Locations:** Do not use the heater on wet surfaces or in areas where it could come into contact with water, such as bathtubs, showers, or swimming pools.
- **Timer Warning:** Do not use this heater with timers designed to automatically turn the unit on or off, as this may disable the heater's thermal cutout safety feature.
- **No Remote Plugs:** Do not use this heater with wireless plug adapters or remote-controlled outlets, which may create a safety hazard.

Maintenance and Cleaning:

- **Replacement Parts:** Only use replacement parts recommended by the manufacturer. Using homemade parts (e.g., parts created using 3D printers) could create fire or electrical hazards.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the heater. Any servicing, apart from ordinary cleaning, should be performed by qualified personnel.

Child Safety:

- **Supervision Required:** Children should be supervised to ensure they do not play with the heater.
- **Restricted Use by Children:** This appliance is not intended for use by children or individuals with reduced physical, sensory, or mental capabilities, unless supervised by someone responsible for their safety.

INITIAL SETUP

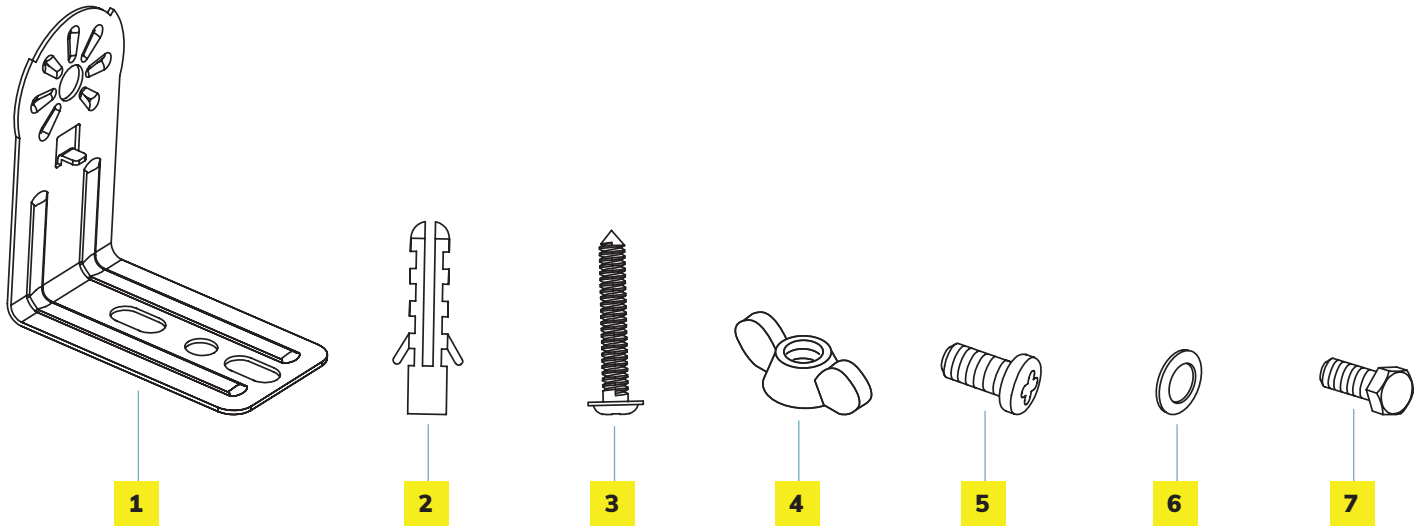
Inspect the Packaging:

1. **Check for External Damage:** Inspect the exterior of the packaging for signs of dents, tears, or punctures.
2. **Open the Box Carefully:** Use scissors or a box cutter to carefully slice through the tape or seals on the box.
3. **Check for Damage:** Once the box is open, inspect the machine for any visible damage.
4. **If Damaged, Contact Manufacturer:** If damage is found, contact the manufacturer immediately with photos of the damage.

Unboxing:

1. **Lift the Machine:** With assistance, carefully lift the machine out of the packaging.
2. **Remove Packaging Materials:** Remove foam inserts, plastic coverings, and any protective materials from the inside and outside of the equipment.
3. **Keep Important Documents:** Set aside the manual, warranty document, and any other product documentation.

ASSEMBLY AND MOUNTING



ID	PART	AMOUNT
1	L-SHAPED BRACKET	4 PCS
2	DRYWALL ANCHOR	4 PCS
3	PA5 MM X 25 MM SCREW	4 PCS
4	M6 MM X 12 MM SCREW	4 PCS

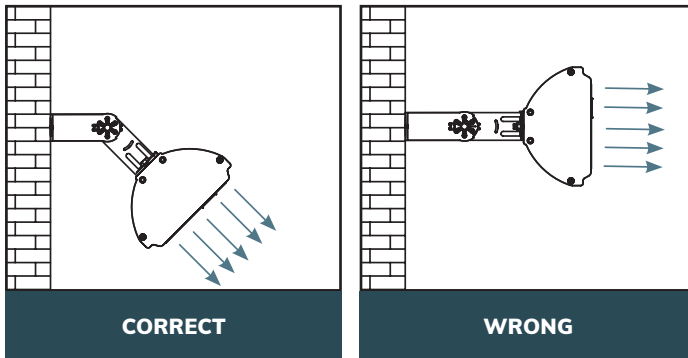
ID	PART	AMOUNT
5	M6 MM WING NUT	2 PCS
6	Ø6 MM FLAT WASHER	2 PCS
7	M6 MM X 12 MM GASKET	2 PCS

Tools Needed (not included):

- Pencil
- Hammer
- Level
- Screwdriver
- Power Drill and Drill Bit

Installation:

1. **Prepare Mounting Location:** Ensure the wall or ceiling where you plan to install the heater is solid and free from hidden water pipes or electrical wires.
2. **Mark for Pilot Holes:** Using two of the four bracket pieces, mark the spots where the brackets will be mounted on the wall.
3. **Align Brackets:** To properly assemble the brackets, make sure the tabs are facing toward each other. (The tab is located directly below the flower punch-out.) If assembled correctly, the brackets will NOT form a half-square shape.
4. **Assemble Brackets:** Using the wing nut, flat washer, and M6 hex screw, place the washer at the head of the screw and insert it into the center hole of the flower punch-out. Tighten first by hand, then finish with a screwdriver.
5. **Attach Brackets to Heater:** Attach the brackets to the heater using the M6 x 12 mm screws. Finger-tighten the screws first, then use a screwdriver to fully tighten.
6. **Position the Heater:** The heater must be installed no less than 16" from side walls and no less than 6" from the floor.
7. **Mount Heater to Wall/Ceiling:** Use the provided wall mounting bracket to fit the heater to the wall or ceiling.



8. **Secure the Supply Cable:** Ensure that the supply cable is well mounted and does not come into contact with the reflector of the heater or trail into the heated area. The supply cable can be fixed to the metal mounting bracket behind the heater with plastic zip ties.
9. **Install at Correct Height:** The heater must be installed at least 2.4 meters (7.9 feet) above the floor.
10. **Avoid Passing Cable Through Heater:** Do not pass the cable through the heater.
11. **Correct Orientation:** Ensure the digital display position is on the left for correct installation direction.

CLEANING

Disconnect Power:

- It is required to disconnect the unit from power before any cleaning is completed.

Clean the Exterior:

- Wipe down the exterior surfaces with a damp, lint-free cloth.

Remove Dust and Debris:

- **Vacuum Cleaner:** Use the brush attachment to gently remove dust from internal components like fan and heating elements.
- **Soft Brush:** Gently brush away any stubborn dirt or debris.
- **Light Compressed Air:** Use to blow out dust from hard-to-reach areas. Do this in a well-ventilated area.

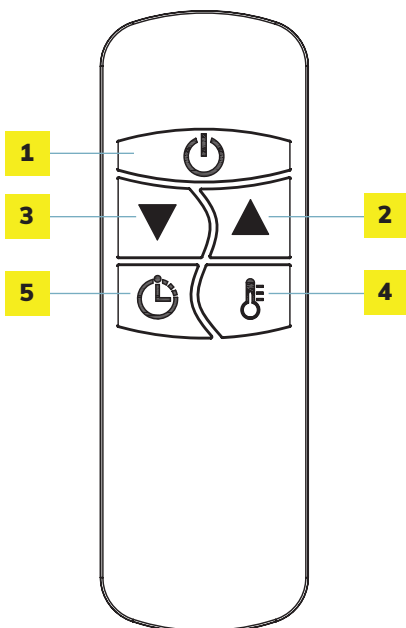
Test the Heater:

- Reconnect the power.
- Turn on the heater to ensure it operates correctly.
- Listen for unusual noises and check for irregular performance.

OPERATION

Function & Operation:

1. **Plug In the Unit:** Plug the unit into a power socket, ensuring the power supply matches the rated specifications found on the data plate.
2. **Press Power Button:** Press the power button on the right side of the heater.



Remote Control:

- **Insert Batteries:** Insert 2 x AAA batteries into the remote control.
- **Power Button:** Press the Power button (Button 1) to turn the heater on or off.
- **Adjust Heat Level:** Press the temperature button (Button 4) to enable heat level adjustment (L1–L2). Then, use the Up and Down buttons (Buttons 2 and 3) to increase or decrease the heating level.
- **Set Timer:** Press the Timer button (Button 5) to set the timer from 0H–24H (0–24 hours). Adjust using the Up and Down buttons to the desired number of hours.

MAINTENANCE



Warning: Electric Shock Hazard

- Disconnect the heater from the power supply before servicing or inspecting.
- Failure to do so could result in personal injury or property damage.

Safety Precautions:

- Do not allow water to run into the interior of the heater.
 - This could create a fire or electric shock hazard.
- Store the heater in a cool, dry location when not in use to prevent dust and dirt buildup.
- Use the original packaging to repack the unit.



Caution:

- Allow the heater to cool completely before servicing or cleaning.

Maintenance Tasks:

- **Cords and Plugs:**
 - Replace or repair damaged cords or plugs immediately.
- **Electrical Connections:**
 - Check the tightness of all electrical connections prior to plugging in the heater.

TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
Heater fails to operate.	Power cord is not plugged into the outlet.	Ensure that the unit is plugged directly into a standard 120-volt outlet.
	Automatic safety shut-off has been initiated.	Turn off the heater, unplug the power cord, and remove any obstructions. Wait 30 minutes for the heater to cool down. Plug the power cord back in, place the heater in the desired position, and turn it on. The heater should now function normally.
	Tip-over switch on the bottom of the unit has been tripped, activating the safety shut-off system.	Place the heater on a level surface. Return it to an upright position to restore power.
	Unit is damaged or in need of repair.	Contact customer service for assistance.
Not producing enough heat.	A power strip, surge protector, or extension cord is being used.	Plug the unit directly into a wall outlet.
	Room size exceeds recommended limits.	Use the heater in rooms not exceeding 160 square feet.
	Not set to maximum power.	Adjust to maximum power.
Unit blows cool or cold air.	Defective heater blower motor.	Contact customer service for assistance.
Noise with heater on.	Dirty heater blower motor.	Gently vacuum the heater blower vents.
	Defective heater blower motor.	Contact customer service for assistance.

PROBLEM	REASON	SOLUTION
Power cord gets warm.	Normal operation.	Check the heater cord and plug connections. Faulty wall outlet connections or loose plugs can cause overheating. Ensure the plug fits tightly in the outlet. Heaters draw more current than small appliances, so overheating may occur even if it has not with other devices. Frequently check if your plug, outlet, or faceplate is hot. If so, discontinue use and have a qualified electrician inspect or replace the faulty outlet(s).
Heater will not power on:	Abnormal operation.	<p>Check Power Connection: Ensure the power cord is plugged into an electrical outlet; if not, plug it in.</p> <p>Check Power Connection: Ensure the power cord is plugged into an electrical outlet; if not, plug it in.</p> <p>Check Main Fuse: Verify if electricity to the main fuse is working.</p> <p>Verify Thermostat Position: Ensure the thermostat knob is in the ON position.</p> <p>Check Thermostat Setting: The heater may be off because it has reached the desired temperature setting.</p>