



HEAT STORM

User manual

Model: A-6000-GC
3000-6000 W | Indoor



Table of contents:

Important instructions	3
Installation instructions	5
Operations & controls	10
Connecting to Wi-Fi.....	13
Maintenance.....	15
Troubleshooting guide.....	16
Return policy	18
1-year limited warranty.....	18

Thank you and congratulations on your Heat Storm Garage Heater! **Please read and keep all safety and use instructions.** Should you have any questions or concerns, please don't hesitate to reach out to us at 435-752-6611 or cs@heatstorm.com.

SPECIFICATIONS

Wattage: 3000/6000W	LxWxH: 12.8 x 17.5 x 7 inches
Amps: 25	Weight: 18.74 lbs
Voltage: 240	Heat settings: 2
Heating: Carbon fiber infrared	Cord length: N/A

Important instructions

Use this heater only as described in the manual. If the directions are not followed, an electric shock or fire may result causing property damage, personal injury, or death.

SAFETY GUIDELINES

- The heater becomes hot during operation; avoid direct contact with hot surfaces to prevent burns.
- Exercise extreme caution in the presence of children, invalids, or when the appliance is unattended. Children should not play with the appliance.
- The heater includes a thermostat limiter. If the inner temperature overheats or abnormal heating occurs, power will be cut off to prevent fire or heater damage.
- **Disconnect instructions:** To disconnect the heater, turn off the heater and power at the main disconnect panel (or use the internal disconnect switch if available).

MODIFICATION

- Under no circumstances should this heater be modified. Modifications will void the warranty. Parts removed for servicing must be replaced prior to operation.

CAUTION

- DO NOT block air intakes or exhaust.
- DO NOT insert foreign objects into the ventilation or exhaust openings to prevent electric shock, fire, or heater damage.
- Keep electrical cords, drapery, furnishings, and other combustibles at least 3 feet (0.9 m) from the front of the heater and away from the side and rear. To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.
- This heater is fitted with safety guards. These are intended to stop large objects from hitting the emitters. On no account should the heater be operated with the guard removed.
- Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.
- To avoid excessive room temperatures which can cause

hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.

BATTERY WARNING

- This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. If you think batteries have been swallowed or placed inside any part of the body, seek immediate medical attention. Call a local poison control center for treatment information.
- Even used batteries may cause severe injury or death.
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep them away from children. Do NOT dispose of batteries in household trash or incinerate.
- Battery type Li-Mn CR2025 3.0V. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, or heat above 60 °C specified temperature rating or incinerate. Doing so may result in injury.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- KEEP new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or ingested inside any part of the body.



Installation instructions

Installation should be carried out by a certified electrician or a person possessing the required expertise. Ensure that the heater is installed correctly before activating the power.

NOTE: Designed for supplemental heating in spaces from 1000 to 1800 square feet.

HEATER LOCATION

Choose a location to mount the heater following the general instructions provided and avoid direct sunlight. It is not recommended to move a heater while it is operating. Turn off the heater, wait for the fan to stop completely, and then relocate.

DO NOT USE in the following areas:

- Locations with gasoline, paint, or flammable liquids/vapors.
- Near a bathtub, shower, or swimming pool.
- Outdoors - use Heat Storm Outdoor Infrared Heaters.

Vaulted or cathedral ceilings

The heater can be used with vaulted or cathedral ceilings. However, initial room heating may take longer. Once the desired temperature is reached, the heater will cycle accordingly.

Poorly insulated areas

Note that rooms with poor insulation may not retain heat efficiently, potentially leading to longer or more frequent operation.

Cold climate installation note

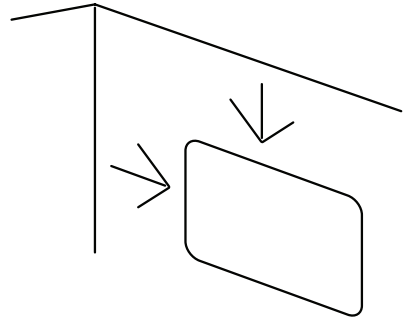
Placing the unit under a window or on a poorly insulated wall may result in the heater reading a colder ambient temperature than the actual room temperature. Try connecting the Heat Storm External Thermostat for a more precise room reading.

TOOLS NEEDED FOR INSTALLATION

- 3/16" drill bit
- Philips screwdriver

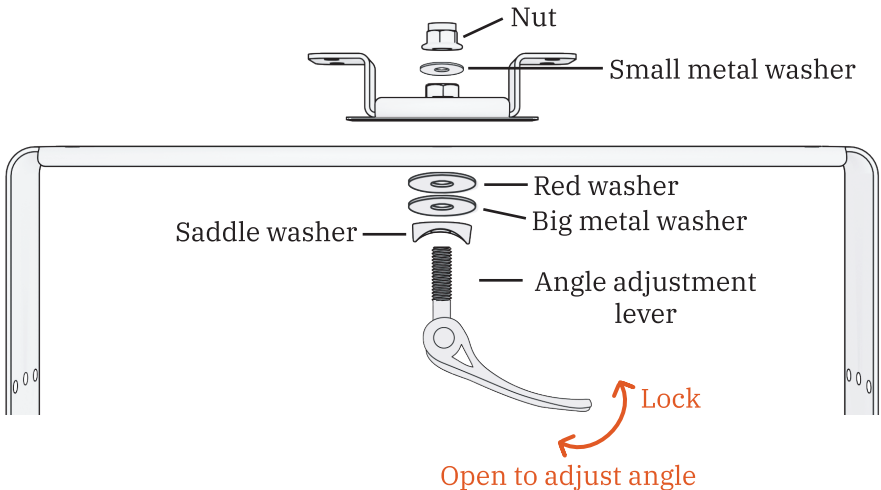
STEP 1: MOUNT THE HEATER

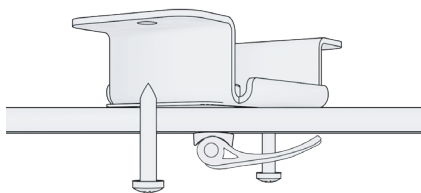
Select a suitable spot on the wall or ceiling for your heater at least 5' 10" off the ground. Ensure there is at least a 4" clearance between the heater and the nearby walls and ceiling.



CEILING MOUNT

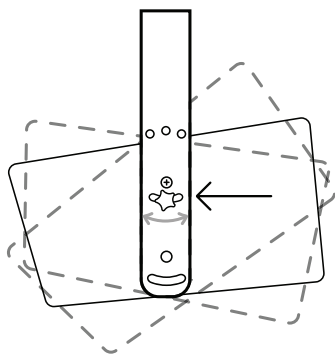
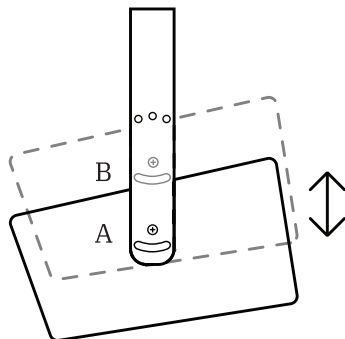
- 1 Attach the heater bracket to the ceiling bracket using the angle adjustment lever, saddle washer, big metal washer, red washer, small metal washer, and nut. To adjust the heater's direction, pull down the angle adjustment lever to loosen it. Adjust the heater as needed, then lock the position by closing the lever again.





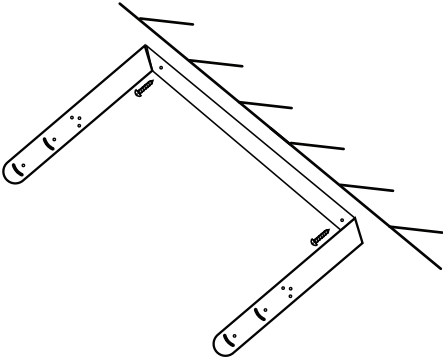
2 Use a stud finder to locate a stud. Secure the provided ceiling bracket onto the stud using the screws.

3 Attach the heater to the bracket. You can achieve different configurations by varying the screw placement. Select the desired mounting position for your heater. Use hole A to place the heater further from the wall or ceiling, or use hole B to position it closer. Secure the heater by placing a screw on each side.



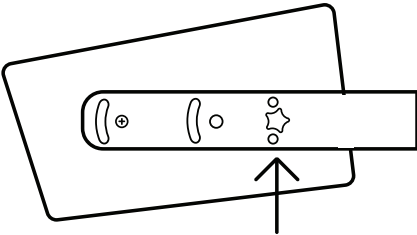
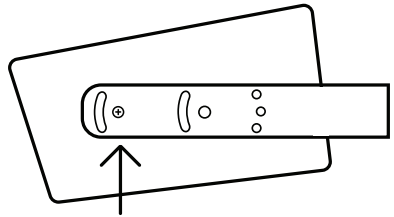
4 Next, insert the angle adjustment knob into the slots near the screw holes you selected. Loosen the knob to adjust the heater's angle, and tighten it to lock the angle in place.

WALL MOUNT



1 Use a stud finder to locate two studs. Secure the provided mounting bracket horizontally onto the studs using the screws.

2 Mount the heater to the bracket by placing screws into the shown holes on both sides.



3 Place the angle adjustment knobs into any of the three vertically stacked holes to adjust the angle of the heater.



CAUTION

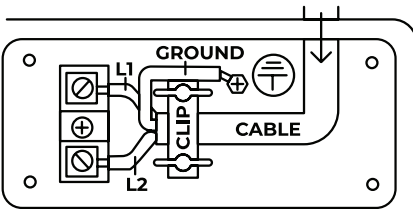
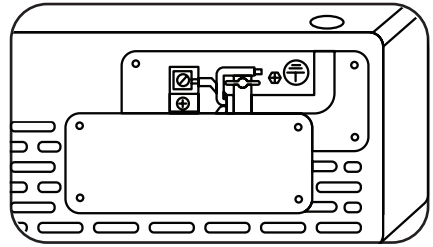
Do not face the heater toward the ceiling or flammable substances.

STEP 2: CONNECT POWER

Heat Storm Infrared Heaters are considered to be an appliance. Each heater and appliance should be on its own circuit.

The energy supply must be done through a properly grounded power block. Ensure the cord is not under carpeting, covered with rugs, runners, or similar coverings. Avoid routing it under furniture or appliances and position it away from high-traffic areas to prevent tripping hazards.

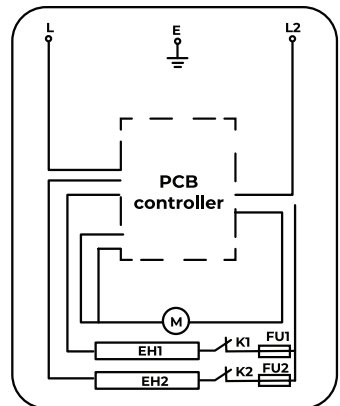
- 1 Unscrew the four screws to remove the connector cover. Use a maximum 30A fuse for branch circuit protection and only use copper wire.



- 2 Insert the cable with 8-gauge internal wires into the chamber through the top hole. Connect line 1 and line 2 (L1, L2) and the ground wire. Secure the wires with the clip inside the chamber.

WIRING DIAGRAM

Whether you're a seasoned electrician handling a fuse replacement or simply intrigued by the inner workings, this detailed diagram is here for you.



Operations & controls



Turn heater ON/OFF

Press the power icon to alternate between on (red) and off (white).



Timer

Set the heater run time by tapping on the timer icon and use the plus and minus icons to change the time (hour increments). The time will display on the front of the unit and the timer icon will illuminate green once set. After the set run time is over, the heater will automatically turn off.



Setting the temperature

The default temperature for the heater is 70 °F or 21 °C. Pressing the + or - icons enters temperature setting mode, where the thermostat can be adjusted by 1 °F or 1 °C. The display exits this mode after 5 seconds of inactivity, showing the current ambient temperature.



NOTE: After the heater function or power is turned off, the blower will continue for several minutes to cool internal components.



Selecting Celsius & Fahrenheit

Press and hold the + and - icons simultaneously for 3 seconds to switch between Celsius and Fahrenheit.



NOTE: Switching between Celsius and Fahrenheit can only be performed using the control panel of the heater, and is not available using the remote control.



Change working mode (low/med/high)

Press the fan button to toggle between low, medium, and high working modes. An indicator light above the button will illuminate to indicate the selected mode:

- **Low mode***: green icon
Heater operates at 50% power, effectively halving the wattage. This is beneficial for situations where the breaker tends to trip easily or when heating a small space.
- **Auto (eco) mode**: white icon
Heater runs at full power until it's within 2 degrees of the set temperature. It then shifts to 50% power to achieve and maintain the desired temperature. This ensures more frequent, energy-efficient operation while effectively maintaining the set temperature.
- **High mode***: red icon
Heater runs at 100% power until desired temperature is met.

NOTE: The fan will turn on and off to circulate air. The heater is trying to determine if the ambient temperature in the room has changed.

**Low and high modes will reach the set temperature, followed by a 2-degree cooling period before reheating.*



Fan only/heat mode

Press and hold the fan button for 3 seconds to toggle between fan only (blue fan icon) and heat mode (red icon).



Pair external thermostat

Press and hold the thermometer icon for 5 seconds to pair the Heatstorm External Thermostat. You will here an audible beep. Next, press and hold the button on the back of the external thermostat for 5 seconds until you hear another beep. The thermometer icon will glow red to show that the thermostat has been successfully paired.




Wi-Fi discovery mode

Press and hold the Wi-Fi symbol for 5 seconds to enable the Wi-Fi discovery mode. Refer to page 13 for guidance on connecting to Wi-Fi.

THERMOSTAT CALIBRATION



Thermostat readings may fluctuate depending on the surroundings. You can manually calibrate the thermostat on the heater to align with your central HVAC system. You may need to attempt calibration multiple times to align your heater thermostat with your HVAC system.

1. In the Smart Life app, tap on your heater to enter the temperature adjusting screen. Press the  icon to enter the temperature setting page.
2. Adjust the Heat Storm's thermostat with the slider to reach the same temperature as your central HVAC.

NOTE: Generally, Heat Storm Infrared Heater thermostats are more precise than home central thermostats. Adjusting your Heat Storm Infrared Heater to align with your central system may result in reduced efficiency.

FACTORY RESET



Power off heater and allow time for elements to cool. Unplug and plug in heater. Within 3 minutes of plugging in heater, press and hold timer icon for 7 seconds to reset the heater to factory settings.

Wi-Fi® setup



SMART LIFE APP

Manage your Heat Storm Smart Heater conveniently anytime and anywhere you desire. With just a tap of your finger, you can adjust temperatures, create schedules, set a child lock, and ensure warmth according to your preferences.

Prepare your phone

Enable Wi-Fi and Bluetooth® on your phone. Connect to your phone to a 2.4 GHz Wi-Fi network. Your phone needs to be connected to the same Wi-Fi that you want to connect your heater to.

NOTE: for some dual band routers, you may need to manually create a network dedicated to 2.4 GHz.

Download the Smart Life App

Download the app by scanning the QR code or search for Smart Life in the App Store or on Google Play. Once the app is downloaded, sign up, and agree to the User Agreement and Privacy Policy.



Register with your email, set your password, and create a new home in the Smart Life app.

CONNECT YOUR HEATER TO WI-FI

The Smart Life app offers multiple methods for Wi-Fi setup. If one method fails, don't worry—simply move on to the next one.

It's essential to note that the app might undergo updates over time. As a result, the app prompts you encounter may differ slightly from the manual. For the most accurate and up-to-date guidance, follow the prompts within the app.

Need help?

Visit heatstorm.com/wifi for video tutorials and helpful tips.

EASY CONNECT

**Ensure your phone's Wi-Fi, Bluetooth®, and location functions are all activated.*

1 Add device

When the machine is on, press and hold the Wi-Fi/sun button on the control panel for 5 seconds until the Wi-Fi indicator light begins flashing slowly. Add the appliance in the app:

- i. If a pop-up is displayed, tap "Go to add". If you don't get a pop-up, tap the plus icon in the top right corner. Select "Add device."
- ii. Choose "small home appliance," then find "Heater (BLE) .

2 Choose Wi-Fi

Enter your case-sensitive Wi-Fi network name and password, then tap "Confirm." Press "Next" if prompted to reset the heater.

3 Configuration process

Wait for the connection to be completed. Please be patient, as this may take a few minutes. The app will notify you that the device was successfully added. Select "done" to enter the control interface.

MANUAL CONNECT

1 Add device

- i. When the machine is on, press and hold the Wi-Fi/sun button on the control panel for 5 seconds until the Wi-Fi indicator light begins flashing.
- ii. In the app, tap the plus icon in the top right corner.
- iii. Select "Add device." Choose "Small home appliance."
- iv. Tap "Heater (Wi-Fi)."

2 Choose Wi-Fi

Enter your case-sensitive Wi-Fi network name and password, then tap "Confirm." Press "Next" if it is asking you to reset your heater.

3 Configuration mode

Confirm the Wi-Fi indicator light on control panel is flashing quickly and select "blinking quickly" within the app. Then click on "Finish network configuration".

4 Configuration process

Wait for the connection to be completed. Please be patient, as this may take a few minutes. The app will notify you that the device was successfully added. Select "done" to enter the control interface.

Maintenance

CLEANING

To maintain optimal performance, it is advised to clean the air inlet of the heater every six months. In the event of heavy dirt accumulation, use a soft cloth and brush to gently wipe it off. Prior to cleaning, disconnect the power supply to allow the heater to cool down. This ensures a safe and effective cleaning process.

HEATER MALFUNCTION OR DAMAGE

DO NOT operate if the following occurs:

- Heater has a damaged cord or plug.
- After the heater malfunctions.
- Heater has been dropped or damaged in any manner.

Turn off the heater, disconnect the cord or turn off the circuit at the breaker, and have heater inspected by an electrician or authorized service facility before reusing.

Damaged cord or plug

If the supply cord is damaged, it must be replaced by the manufacture, its service agent, or similarly qualified persons in order to avoid a hazard.



WARNING

For any maintenance other than filter maintenance, please contact an authorized service representative.

Troubleshooting guide

FAN

Not blowing air

Upon powering on the heater, there will be an initial 15 seconds during which no air will be blown. This brief period allows the infrared elements to heat up, ensuring that when the fan activates, warm air circulates into the room. If you encounter issues with the fan not turning on or the air not warming up, please check the following:

- Clean off air inlet with a soft brush.
- Confirm that the ambient temperature displayed is higher than the thermostat setting.
- Check for any objects obstructing the airflow and reposition the heater if need.

Continuing to blow air when heater is turned off

This is the cool down phase. The heater will run up to 12 minutes to cool the internal components. This increases the lifespan of the infrared elements. If the heater did not finish the cooling procedure when it was unplugged, the fan will blow immediately when the heater is powered back on.

Fan runs for under a minute and then turns off

The fan is creating air flow within the room in order to determine if the ambient temperature in the room has changed.

Heater fails to reach the set temperature and continues to run.

Possible reasons for temperature discrepancies:

1. Ensure clean filters.
2. Address drafty or poorly insulated rooms.
3. Keep doors closed for efficient heating.
4. Place the heater on an interior wall, away from windows.
5. If issues persist, consider the heater's size suitability for the room. Optimal for spaces between 1000-1800 sq. ft., with primary heating around 1000 sq. ft.*

**Square footage recommendations may vary based on home insulation.*

Uneven room temperatures

Placing the heater near objects can impede air circulation in the room, resulting in uneven temperatures within the same space.

THERMOSTAT

Ambient temperature reading of the heater different then the reading on my central heating thermostat.

All thermostats vary in their temperature setting. In most cases, the central heating thermostat is not as accurate as your Heat Storm thermostat. The location of the temperature censor can also alter the thermostat reading.

You can calibrate your heater's thermostat to match your central heating thermostat. Please see the calibration section of the manual on page 12.

BURNING PLASTIC SMELL

A light plastic odor is normal for new, unused heaters. If the smell persists for more than a couple of hours, call customer service at 435-752-6611.

HOT CORD

Faulty wall wiring connection may lead to the outlet and plug overheating. Avoid overloading a single circuit with too many appliances, especially in older homes. If issues persist, consult a qualified electrician.

ERROR CODES

EE : Temperature sensor (probe) error, when this code shows, the heating element and fan are turned off. Unplug heater and check if the temperature sensor is loose, disconnected, damaged.

EO : Program setup failure. Unplug and plug in again. If error persists, the PCBA needs to be replaced.

LO: The temperature is less than 16° F (-9 °C)

HI: The temperature is greater than 99° F (37°C)

Reset your heater by unplug the unit from the wall outlet for 2 hours. Reconnect the unit after this period and perform a factory reset (refer to page 12). If the error persists, contact customer service at 435-752-6611.

OVERHEATING

A built-in thermal overload protection prevents overheating. If the heater overheats, it will automatically shut off. Allow time for cooling before turning the heater back on to resume operation.

Returns & exchanges

RETURN POLICY

Heaters purchased directly from Heatstorm can receive a refund of the total sales amount if the following conditions are met:

1. Product is in new condition.
2. Product is packed in the original manufacturers box and packing material.
3. Original manuals and accessories are included in package.

EXCHANGES & WARRANTY

After 30 days from the purchase date, the buyer is responsible for all freight/shipping charges associated with exchanges, refunds, or warranty claims for the purchased product.

1-year limited warranty

The manufacturer warrants this product and included accessories against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase by the original end-user purchaser.

EXCLUSIONS AND LIMITATIONS

1. Install and operate the electric heater strictly in accordance with the provided instructions at all times. Unauthorized repairs, alterations, willful abuse, accidents, or misuse of the product will void this warranty.
2. This warranty is exclusive to the original owner, valid only if the purchase was made through an authorized supplier of the product, and is non-transferable.
3. The warranty is limited to repairing or replacing defective parts in material or workmanship. This applies only if the said part(s) have been exposed to normal conditions of use and service, confirmed by the manufacturer's inspection.
4. The manufacturer may, at its discretion, fulfill warranty obligations by refunding the wholesale price of the defective part(s).
5. Costs related to installation, labor, construction, transportation, or any other associated expenses arising

from defective part(s), repair, replacement, or otherwise, are not covered by this warranty. The manufacturer disclaims responsibility for such costs.

6. The owner/user assumes all risks, including any direct, indirect, or consequential loss or damage resulting from product use, except as mandated by law.
7. All other warranties, whether expressed or implied, pertaining to the product, its components, accessories, or any manufacturer obligations/liabilities, are expressly excluded. The manufacturer neither assumes nor authorizes any third party to assume additional liabilities related to the product sale.
8. The manufacturer neither assumes nor authorizes any third party to assume on its behalf, any other liabilities with respect to the sale of the product.
9. The warranties as outlined in this document do not apply to non-accessories used in conjunction with the installation of this product.
10. This warranty provides specific legal rights, and additional rights may vary by state. The warranty is void under the following conditions:
 - Prolonged exposure of the heater to dampness or condensation.
 - Unauthorized alteration, willful abuse, accident, or misuse of the product.
 - Lack of the original purchase receipt.

CONTACT US

Contact Heat Storm customer service at 435-752-6611 with your sales receipt, purchase location, and product model information. Troubleshooting assistance will be provided over the phone. If unsuccessful, you'll be asked to email proof of purchase and a photo of the manufacturer sticker to cs@heatstorm.com.

For units beyond the 30-day return policy, shipping costs for returning the heater are your responsibility. If interested in our discounted shipping rates, kindly inform your customer service representative.

Upon receiving your unit, technicians will assess its repairability. If feasible, repairs will be conducted; otherwise, a new unit will be provided only if your heater is deemed irreparable.



Need help?

435-752-6611

cs@heatstorm.com

heatstorm.com