

Heat Storm HS-1500-OTR

Heat Storm HS-1500-OTR Infrared Heater Instruction Manual

MODEL: HS-1500-OTR

IMPORTANT SAFETY INFORMATION

Please read and understand this entire instruction manual before attempting to assemble, operate, or install this product. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- Always plug the heater directly into a wall outlet. Never use with an extension cord or relocatable power tap (outlet/power strip).
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not use outdoors or in wet locations. This heater is designed for indoor and outdoor use, but must be protected from direct water exposure.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- 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. Do not use on soft surfaces, like a bed, where openings may become blocked.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PRODUCT OVERVIEW

The Heat Storm HS-1500-OTR Infrared Heater is a versatile 1500-watt heating solution designed for both indoor and outdoor environments. It provides instant infrared heat, making it ideal for shops, garages, job sites, patios, and hot tub areas. Constructed from durable aluminum, nylon plastic, quartz tube, and copper cord, this heater is built to withstand various conditions.



Figure 1: Front view of the Heat Storm HS-1500-OTR Infrared Heater.

Key Features:

- **Instant Infrared Heat:** Provides immediate warmth to objects and people.
- **Durable Construction:** Made from aluminum, nylon plastic, quartz tube, and copper cord.
- **Versatile Use:** Suitable for indoor and outdoor applications.
- **Weatherproof:** Designed to withstand outdoor elements.
- **Silent Operation:** Operates quietly without a fan.
- **Internal Tip-Over Safety Switch:** Enhances safety by automatically shutting off if not mounted vertically.

WHAT'S IN THE BOX

Upon opening the package, ensure all components are present and undamaged. The standard package includes:

- Heat Storm HS-1500-OTR Infrared Heater Unit
- Mounting Bracket
- Hardware (screws and anchors)
- Power Cord (approximately 6.5 feet long)



Figure 2: Contents of the Heat Storm HS-1500-OTR package.

INSTALLATION AND MOUNTING

The Heat Storm HS-1500-OTR heater offers flexible mounting options to suit various environments. It can be wall-mounted, used with an optional tripod, or integrated into a roll cage (accessories sold separately).

Wall Mounting:

1. Select a suitable location on a sturdy wall, ensuring adequate clearance from combustible materials (at least 3 feet from the front, sides, and rear).
2. Use the provided mounting bracket and hardware to securely attach the heater to the wall. Follow spacing limitations as specified in the detailed manual.
3. Ensure the heater's black housing box is mounted vertically for the internal tip-over safety switch to function correctly and allow the heater to operate.



Figure 3: Heat Storm HS-1500-OTR mounted on an outdoor wall.

Tip-Over Safety Switch:

The heater includes an internal tip-over safety switch. For the heater to turn on and operate, the black housing box must be mounted vertically. This ensures safe operation by preventing the heater from functioning if it is not in an upright and stable position.

Each Heater Has an internal tipover safety switch.

Black Housing box must be mounted vertically for heater to turn on



Figure 4: Internal tip-over safety switch and vertical mounting requirement.

OPERATING INSTRUCTIONS

The Heat Storm HS-1500-OTR Infrared Heater is designed for straightforward operation, providing instant heat when needed.

Powering On/Off:

- This heater does not feature an integrated on/off switch or thermostat. To activate the heater, simply plug the power cord into a standard 120V electrical outlet.
- To turn off the heater, unplug the power cord from the electrical outlet.
- For convenience, users may consider using a compatible smart outlet or remote-controlled switch (not included) to manage power without direct access to the plug.

Heat Output:

The heater provides a consistent 1500-watt output, delivering instant infrared heat. There are no adjustable heat settings on the unit itself; it operates at full power when plugged in.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Heat Storm HS-1500-OTR Infrared Heater. Always unplug the heater and allow it to cool completely before performing any maintenance.

Cleaning:

- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the interior of the heater.
- Periodically inspect the heating element for any dust or debris accumulation. Use a soft brush or compressed air to gently clean if necessary.

Storage:

When not in use, store the heater in a cool, dry place, away from direct sunlight and moisture. If possible, store it in its original packaging to protect it from dust and damage.

TROUBLESHOOTING

If you encounter issues with your Heat Storm HS-1500-OTR heater, refer to the following common troubleshooting steps:

- **Heater does not turn on:**
 - Ensure the power cord is securely plugged into a functional 120V outlet.
 - Verify that the internal tip-over safety switch is engaged by ensuring the black housing box is mounted vertically.
 - Check the circuit breaker for the outlet to ensure it has not tripped.
- **Insufficient heat output:**
 - Infrared heaters heat objects directly, not the air. Ensure you are within the effective heating range (approximately 2-3 feet for direct warmth).
 - Consider the size of the area. The heater is rated for approximately 100 square feet. Larger or open outdoor spaces may require multiple units or additional heat sources.
- **Unusual odors or sounds:**
 - A slight odor may be present during initial use as manufacturing residues burn off. This is normal and should dissipate quickly.
 - If unusual sounds or strong, persistent odors occur, immediately unplug the heater and contact customer support.

For further assistance or issues not covered here, please contact Heat Storm customer support.

SPECIFICATIONS

Brand	Heat Storm
Model Number	HS-1500-OTR
Wattage	1500 Watts
Voltage	120 Volts
Amperage	12.5 Amps
Product Dimensions	24"D x 8"W x 6"H
Item Weight	5 pounds
Heating Coverage	100 Square feet
Indoor/Outdoor Usage	Indoor, Outdoor
Mounting Type	Wall Mount (compatible with tripod/roll cage accessories)
Burner Type	Carbon Fiber Infrared
Special Feature	Infrared Wall mounted heater
Cord Length	6.5 feet

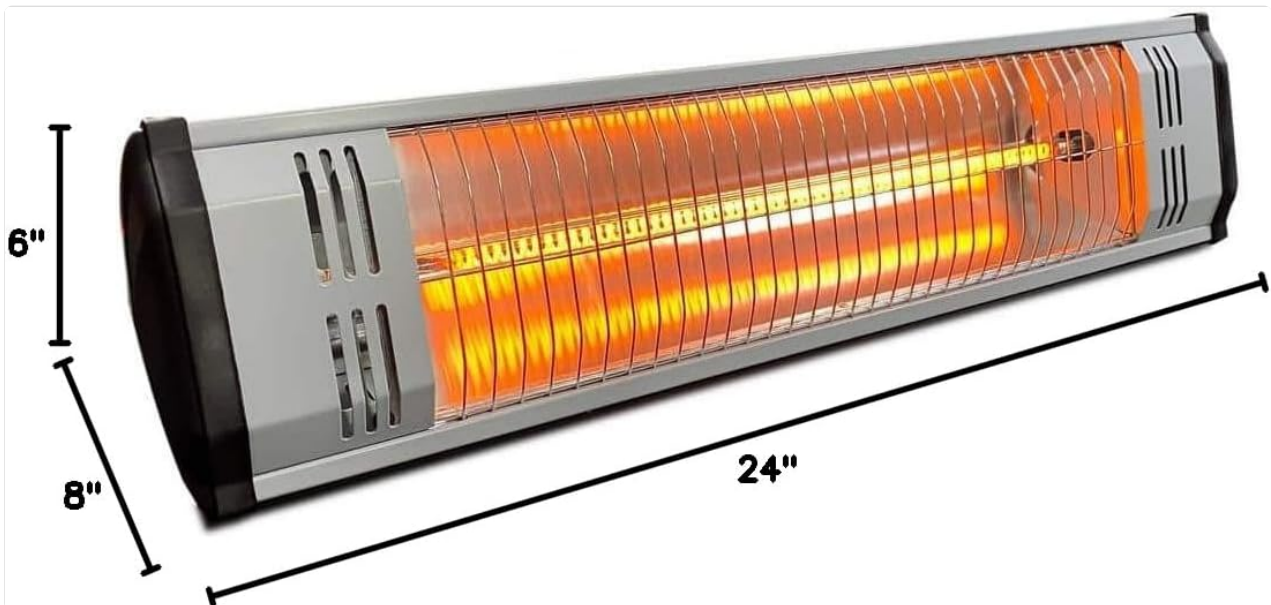


Figure 5: Dimensions of the Heat Storm HS-1500-OTR Infrared Heater.

WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your Heat Storm HS-1500-OTR Infrared Heater, please contact Heat Storm customer service. Refer to the product packaging or the official Heat Storm website for the most current contact details and warranty terms.

You can visit the Heat Storm Store for more information:[Heat Storm Store](#)