

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [VIVOSUN](#) /

› [VIVOSUN 8500W 240V Electric Garage Heater User Manual \(Model EH-0004\)](#)

VIVOSUN EH-0004

VIVOSUN 8500W 240V Electric Garage Heater User Manual

Model: EH-0004 | Brand: VIVOSUN

IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety information in this manual before attempting to assemble, operate, or install this electric heater. Failure to comply with these instructions may result in electric shock, fire, property damage, or personal injury.

- This heater is designed for 240V electrical systems and requires a dedicated circuit. It does not use a traditional plug. Professional electrical installation is highly recommended to ensure proper wiring and safety.
- Do not operate the heater with a damaged cord or if the heater malfunctions or has been dropped or damaged in any manner.
- 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.
- 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.
- The heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater.
- Always unplug the heater when not in use.
- 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.
- The heater is equipped with an alarm light and a built-in sensor to monitor temperature. The light will turn on if parts of the heater get too hot, and the unit will automatically shut off if overheating is detected.

PRODUCT OVERVIEW

The VIVOSUN 8500W Electric Garage Heater (Model EH-0004) is a powerful heating solution designed for large spaces. It features a robust construction and intelligent controls for efficient and safe operation.

Key Features:

- **Powerful Heating:** Delivers a maximum power of 8500W and a heat output of 29010 BTU/h, capable of warming spaces up to 1250 sq. ft.
- **Three Operating Modes:** Offers 'Fan only', 'Low (5600W)', and 'High (8500W)' settings to suit various heating needs.
- **Digital Controls:** Equipped with an intelligent LED touch panel, remote control, and an 8-hour timer function for convenient operation.
- **Adjustable Thermostat:** Allows setting and maintaining desired temperatures between 50°F to 95°F (10°C-35°C).
- **Targeted Heating:** Features multiple adjustable vertical angles and four individually adjustable louvers for precise heat direction.
- **Enhanced Safety:** Built with robust SPCC cold-rolled steel, durable heating elements, and ETL certification. Includes an alarm light and automatic shut-off for overheating protection.
- **Versatile Mounting:** Designed for secure wall or ceiling mounting with included hardware.

Strong Performance

With its robust power output, this heater efficiently and rapidly warms large spaces.

8500w

Maximum Power

29010 BTU/h

Maximum Heat Output



For spaces
up to

1250 sq. ft.



Image: VIVOSUN 8500W Electric Garage Heater with digital display and remote control.

3 Modes for Different Needs

With three modes to choose from, it can be used all year round to meet your different needs.



Convenient Remote Control & Timer

Quickly adjust the schedule and temperature without getting up from your workstation.



Remote Control



Intelligent LED Touch Panel



8-Hour Timer



Image: Illustration of the three operating modes: High 8500W, Low 5600W, and Fan Only.

SETUP & INSTALLATION

This VIVOSUN garage heater is a 240V unit with a no-plug design, requiring direct wiring to a dedicated circuit. It is crucial to follow all local electrical codes and safety regulations. **We strongly advise hiring a licensed electrician for installation.**

Installation Steps:

- 1. Turn off Power:** Ensure power is turned off at the main circuit breaker panel before beginning any electrical work.
- 2. Access Wiring:** Remove all screws from the bottom panel of the heater to access the wiring compartment.
- 3. Run Wiring:** Run the appropriate gauge wiring (e.g., #10 AWG for 40A breaker) through a cut-out on the side of the heater. Connect the wires to the Power Block inside the heater. This heater requires connection to 240V double live wires and does not require a neutral wire.
- 4. Secure Connections:** Torque all terminal screws and power block lugs tightly with the required torque (40 in-lbs).
- 5. Mounting:** The heater can be mounted on a wall or ceiling. Use the provided mounting bracket and hardware. Ensure the mounting surface can support the heater's weight (approximately 20 lbs) and that there is sufficient clearance.

around the unit (minimum 13 inches from wall, 7 3/8 inches from ceiling, and 8 feet from floor).

6. **Adjust Angles:** Once securely mounted, adjust the vertical angles and louvers to direct heat as needed.
7. **Restore Power:** After installation is complete and all connections are secure, turn on power at the main circuit breaker panel.

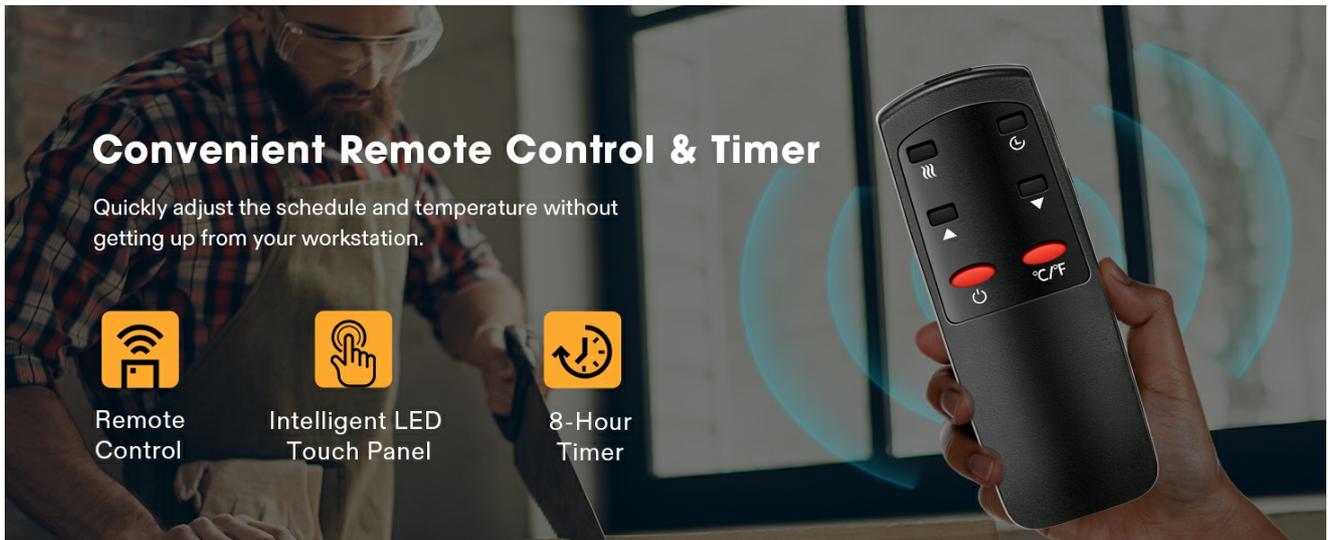


Image: Multi-angle installation options for wall and ceiling mounting, showing adjustable angles and minimum distance requirements.



Image: Detailed wiring diagram for connecting the 240V electric garage heater to a service panel with a double-pole breaker.

OPERATING INSTRUCTIONS

The VIVOSUN 8500W Electric Garage Heater can be operated using the intelligent LED touch panel on the unit or the included remote control.

Control Panel & Remote Functions:

- **Power On/Off:** Press the power button to turn the heater on or off.
- **Mode Selection:** Cycle through the three modes: 'Fan only', 'Low (5600W)', and 'High (8500W)'.
- **Temperature Adjustment:** Use the temperature up/down buttons to set your desired temperature between 50°F to 95°F (10°C-35°C). The built-in thermostat will maintain this temperature.
- **Timer Function:** Activate the 8-hour timer to automatically shut off the heater after a set period.
- **°F/°C Toggle:** Switch between Fahrenheit and Celsius temperature displays.

Safe & Durable



60S

60 Second Countdown
Delay Protection



Thermostat & Overheat
Protection

ECO

ECO Mode



Timer Function

Image: The heater's digital control panel and remote control, highlighting various functions.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your VIVOSUN garage heater. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically clean the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Intakes/Exhaust:** Ensure the air intake and exhaust vents are free from dust, debris, and obstructions. Use a vacuum cleaner with a brush attachment to gently clean these areas.
- **Inspection:** Regularly inspect the power wiring for any signs of damage, fraying, or loose connections. If any issues are found, contact a licensed electrician for repair.
- **Storage:** If storing the heater for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from direct sunlight and moisture.

TROUBLESHOOTING

If you encounter issues with your VIVOSUN garage heater, refer to the following common troubleshooting steps:

- **Heater Not Turning On:**

- Check the main circuit breaker to ensure power is supplied to the heater.
- Verify that the heater is properly wired for 240V. If the fan runs slowly, it may indicate incorrect voltage (e.g., 120V instead of 240V).
- Ensure the power button on the unit or remote is pressed.

- **Heater Not Producing Heat:**

- Check the selected mode; ensure it is set to 'Low' or 'High' heat, not 'Fan only'.
- Verify the thermostat setting. If the ambient temperature is above the set temperature, the heater will not activate.
- Check for any overheating alarm lights. If illuminated, the unit may have shut off due to high temperature. Allow it to cool down.

- **Remote Control Not Working:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the heater's sensor.

- **Unusual Noises or Odors:**

- Turn off and unplug the heater immediately.
- Inspect for any foreign objects in the fan or heating elements.
- If burning smells persist, contact a licensed electrician or VIVOSUN support.

For issues not covered here, please contact VIVOSUN customer support.

SPECIFICATIONS

Detailed technical specifications for the VIVOSUN 8500W Electric Garage Heater (Model EH-0004).

SPECIFICATIONS

Weight: 22 lbs

Power: 8500W (High) / 5600W (Low)

Recommended Circuit Breaker: 50A

Material: SPCC Cold-rolled Steel

Certification: ETL

Product Size: 14"x11"x12.6"

Voltage: 208-240V AC, 60Hz

Heat Output: 29010 BTU/h (High) /
19112 BTU/h (Low)



Remote Control

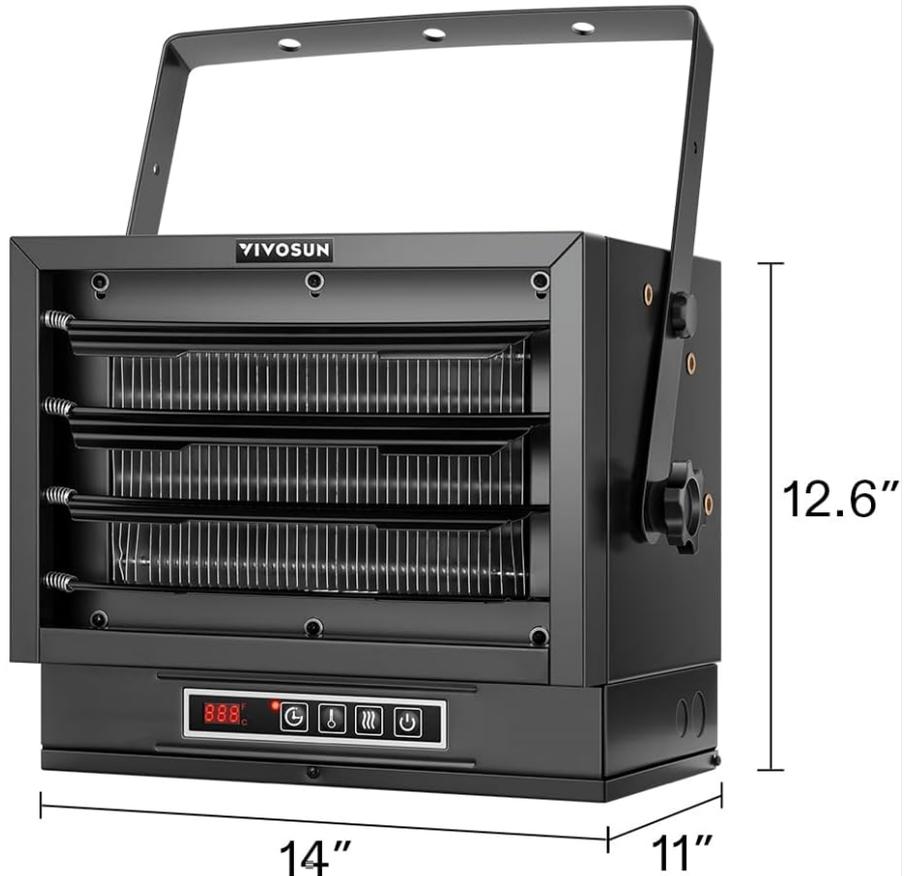


Image: Product specifications including power, voltage, dimensions, and ETL certification.

Feature	Specification
Brand	VIVOSUN
Model Number	EH-0004
Power Source	Corded Electric (No-Plug Design)
Voltage	240 Volts
Amperage	35.42 Amps
Heat Output	8500 Watts (High) / 5600 Watts (Low)
Heating Coverage	Up to 1250 sq. ft.
Number of Speeds	3 (Fan Only, Low, High)
Thermostat Range	50°F to 95°F (10°C-35°C)

Feature	Specification
Timer	8-Hour Timer
Special Features	Remote Control, Digital Thermostat, Overheat Protection
Material	SPCC Cold-rolled Steel
Certifications	ETL Listed
Item Dimensions (D x W x H)	12.6"D x 16.3"W x 12.6"H
Item Weight	20 Pounds
Mounting Type	Wall Mount, Ceiling Mount

WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your VIVOSUN 8500W Electric Garage Heater, please refer to the warranty card included with your product or visit the official VIVOSUN website. You may also contact VIVOSUN customer service directly for assistance.