

Lighthouse 09-435-277

Lighthouse 09-435-277 Ecoheat Greenhouse Heater 240W User Manual

Model: 09-435-277 | Brand: Lighthouse

PRODUCT OVERVIEW

The Lighthouse Ecoheat Greenhouse Heater is designed to protect temperature-sensitive plants during colder months. This tubular heater provides a warm, stable environment, safeguarding plants from cold snaps and allowing temperature control for spaces between 0.8 m² and 3 m². The ECOHEAT is suitable for greenhouses, garden sheds, and other unheated spaces. It ensures a comfortable environment for plants and hobby projects, even in winter.

Its energy-saving design helps maintain optimal conditions while protecting against humidity and cold. For an effective heating and ventilation system, place the heater near the growing container. The compact design makes it ideal for small or hard-to-reach areas and offers energy-efficient operation. It is splash-proof, ensuring safe use in greenhouse environments.

The ECOHEAT heater maintains a constant temperature, fostering an ideal growth environment for plants and a comfortable space for hobbies. For hydroponic systems, stable temperatures are crucial to prevent nutrient absorption issues and mold. The tubular ECOHEAT heater is specifically designed for hydroponic use, ensuring consistent optimal temperatures for nutrient uptake and healthy plant growth. Its ergonomic design allows for easy installation in various room sizes, guaranteeing reliable performance.

The ECOHEAT heater is powerful and energy-efficient, making it a long-term choice for heating hobby rooms or small spaces. It also helps reduce humidity, preventing mold formation. Available in various wattages, from 45W for up to 0.8 m² to 240W for up to 3 m², the ECOHEAT heater is a versatile, reliable, and energy-saving solution for greenhouses, hydroponic systems, garden sheds, and garages.

KEY FEATURES

- Protects plants against sudden temperature and humidity fluctuations.
- Energy consumption comparable to a standard light bulb, less than 50W per foot, offering 25% savings compared to similar heating elements.
- Provides a stable environment.

- Available in 45W, 80W, 135W, and 240W models (this manual covers the 240W model).
 - **Note:** When the heater is first switched on or after prolonged disuse, it may emit an odor and fumes. This will dissipate after a period of operation.
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PRODUCT COMPONENTS



Lighthouse Ecoheat Greenhouse Heater, 240W, green, tubular design.



Side view of the Lighthouse Ecoheat Greenhouse Heater, showing its tubular shape and mounting brackets.



Close-up of the end of the Lighthouse Ecoheat Greenhouse Heater, showing the power cable connection and indicator light.



Packaging for the Lighthouse Ecoheat Greenhouse Heater, highlighting 240W power and 1220mm length.

SETUP

1. **Unpacking:** Carefully remove the heater and all components from the packaging. Inspect for any damage.
 2. **Placement:** Position the heater in your greenhouse, garden shed, or desired unheated space. For optimal plant growth, it is recommended to place the heater near the growing containers.
 3. **Mounting:** The heater is suitable for floor mounting or wall mounting. Use appropriate fasteners (not included) to secure the heater firmly in place. Ensure it is stable and cannot be easily knocked over.
 4. **Power Connection:** Ensure the power outlet is easily accessible and matches the heater's voltage requirements. Plug the heater into a suitable electrical outlet.
 5. **Initial Operation:** Upon first use or after prolonged storage, the heater may emit a slight odor or fumes. This is normal and will dissipate after a short period of operation. Ensure adequate ventilation during the initial run.
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OPERATING INSTRUCTIONS

The Lighthouse Ecoheat Greenhouse Heater is designed for straightforward operation to provide consistent warmth.

1. **Power On:** Once properly installed and plugged in, the heater will begin to warm up. There are no complex controls on the unit itself; it provides a continuous heat output.
 2. **Temperature Control (Optional):** For precise temperature management, especially in hydroponic systems or sensitive environments, it is recommended to use an external thermostat (not included). Connect your external thermostat to control the heater's on/off cycles based on your desired temperature range.
 3. **Maintaining Environment:** The heater works to maintain a stable temperature and reduce humidity, creating an optimal environment for plant growth and preventing issues like mold.
 4. **Power Off:** To turn off the heater, simply unplug it from the power outlet.
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MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Ecoheat Greenhouse Heater.

- **Cleaning:** Ensure the heater is unplugged and cool before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
 - **Inspection:** Periodically check the power cord and the heater body for any signs of damage, wear, or corrosion. If any damage is found, discontinue use and contact customer support.
 - **Ventilation:** Ensure that the area around the heater is clear of obstructions to allow for proper heat distribution and air circulation.
 - **Storage:** If storing the heater for an extended period, ensure it is clean, dry, and stored in a safe place away from extreme temperatures and moisture.
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TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; faulty outlet; damaged cord.	Check if the heater is properly plugged in. Test the outlet with another device. Inspect the power cord for damage. If damaged, do not use and seek professional repair.
Heater emits unusual odor/fumes.	First use or prolonged disuse.	This is normal during initial operation. Ensure adequate ventilation. The odor should dissipate within a few hours. If it persists or is strong, unplug and contact support.
Heater does not restart automatically after a power outage.	Design characteristic; requires manual reset.	The heater may require manual power cycling after an outage. For automated control, especially in critical environments, consider integrating an external thermostat with auto-restart functionality.
Insufficient heating for the space.	Room size exceeds heater capacity; poor insulation.	Ensure the heater's wattage (240W) is appropriate for your room size (up to 3 m²). Improve insulation of the space if necessary. Consider a higher wattage model if available and suitable for your needs.

SPECIFICATIONS

Brand	Lighthouse
Model	09-435-277
Heating Power	240 Watt
Product Dimensions (D x W x H)	133D x 8.5B x 6.5H centimeters
Item Weight	2.1 Kilograms
Color	Green
Power Source	Corded Electric
Heating Method	Convection
Indoor/Outdoor Use	Indoor
Mounting Type	Floor Mounting
Recommended Uses	Greenhouse heating
Room Type	Greenhouse
Special Features	Energy efficiency, stable environment, environmentally friendly
GTIN (Global Trade Item Number)	05034517154326

WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the product packaging or the retailer's website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Lighthouse customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt as proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question