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EconoHome SH-HG

EconoHome Heat Guard (Model SH-HG) Instruction Manual

For 400W Wall Mount Space Convector Heater Panels

1. Introduction

The EconoHome Heat Guard is an accessory designed to enhance the safety and efficiency of your EconoHome 400W wall-mounted convector heater. This guard works by reducing the exterior surface temperature of the heater and improving heat circulation within the room. It is important to note that this product is a heat guard accessory and not a heater itself.



Image 1.1: The EconoHome Heat Guard, an accessory for 400W heaters. This product is not a heater.

2. Safety Information

The EconoHome Heat Guard is designed to increase safety by reducing the exterior casing temperature of the 400W wall heater to approximately 120°F (49°C). This feature makes the heater safer to touch, which is particularly beneficial in households with children and pets.



Image 2.1: The Heat Guard provides a safer surface temperature, suitable for homes with children and pets.

Important: Always ensure the heat guard is securely installed before operating the heater. Do not obstruct the airflow around the heater or the heat guard.

3. Product Features

- **Reduced Surface Temperature:** Lowers the exterior casing temperature of the 400W heater to approximately 120°F (49°C).
- **Enhanced Heat Circulation:** Utilizes dual convection heat waves to improve and double the efficiency of heat distribution.
- **Child and Pet Friendly:** Provides a safer environment by minimizing the risk of accidental burns from touching the heater surface.
- **Easy Installation:** Designed for simple attachment using four corner screws.
- **Paintable Surface:** Made from a material that can be painted to match your interior decor.

4. Setup and Installation

The EconoHome Heat Guard is designed for straightforward installation onto your existing EconoHome 400W wall-mounted convector heater. Ensure the heater is properly installed and securely mounted to the wall before attaching the heat guard.

1. **Unpack:** Carefully remove the heat guard from its packaging. Inspect for any damage.
2. **Position:** Align the heat guard over the 400W convector heater. The guard should fit over the heater, with its corner brackets aligning with the heater's mounting points.
3. **Secure:** Affix the heat guard using the four corner screws provided or the existing screws from your heater installation. Ensure all screws are tightened securely to hold the guard firmly in place.

Compatibility Note: This heat guard is specifically designed for EconoHome 400W wall-mounted convector heaters. It is not compatible with 250W or 600W models.



Image 4.1: The Heat Guard reduces the surface temperature of the heater.

5. Operation

Once the EconoHome Heat Guard is installed, it works in conjunction with your 400W EconoHome convector heater to optimize its performance. The design of the guard facilitates dual convection, which means heat is distributed more effectively throughout the room.
The guard creates a channel for air to flow, drawing in cooler air from below and expelling warmer air, thereby enhancing the natural convection process of the heater. This results in a more uniform and efficient heating of your space.



Image 5.1: The Heat Guard doubles the efficiency of heat circulation.

6. Maintenance

The EconoHome Heat Guard requires minimal maintenance. Its surface can be cleaned with a soft, damp cloth. Avoid using abrasive cleaners or solvents that may damage the material.
A unique feature of this heat guard is its paintable surface. If you wish to customize its appearance to match your room's decor, ensure the heater is turned off and completely cool before painting. Use a paint suitable for the material (e.g., acrylic or latex paint) and follow the paint manufacturer's instructions for application and drying times.



Image 6.1: The Heat Guard can be painted to blend with your interior design.

7. Troubleshooting

If you encounter any issues with your EconoHome Heat Guard, consider the following:

- **Reduced Heat Output:** Ensure the heat guard is not obstructing any vents on the heater itself. Verify that the heater is functioning correctly according to its own instruction manual.
- **Loose Installation:** Check all four corner screws to ensure they are securely tightened. A loose guard may vibrate or not function optimally.
- **Surface Temperature Not Reduced:** Confirm that the heat guard is correctly installed and that there is proper airflow between the heater and the guard. The guard is designed to reduce the surface temperature, not eliminate all heat.

For persistent issues or concerns, please refer to the support information provided with your EconoHome 400W wall-mounted convector heater.

8. Specifications

Brand	EconoHome
Model Number	SH-HG
Size	24x24 Inches
Compatibility	EconoHome 400W Wall Mount Convector Heaters (Not compatible with 250W or 600W models)
Special Features	Double Heat Circulation, Reduces Surface Temperature
Material	Paintable
Item Weight	7.28 pounds
Package Dimensions	25.5 x 25 x 1.75 inches
UPC	766239681655

9. Warranty and Support

For specific warranty details and customer support regarding your EconoHome Heat Guard, please refer to the documentation included with your EconoHome 400W wall-mounted convector heater. You may also visit the official EconoHome website for additional information and contact options.

Online Resources: For further assistance, please visit the EconoHome Store on Amazon.

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