EconoHome 400W Infrared Wall Heater

EconoHome 400W Infrared Wall Heater with Plugin Thermostat Instruction Manual

1. Introduction

Thank you for choosing the EconoHome 400W Infrared Wall Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new heater. This infrared panel heater is designed to deliver focused warmth, maximize floor space with its slim profile, and operate silently without circulating dust or allergens.



Figure 1: The EconoHome 400W Infrared Wall Heater, shown with its slim white panel, power cord, and external plugin thermostat. The heater is designed for efficient, silent operation.

2. Safety Information

- Read all instructions before using this heater.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 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.

- The heater is equipped with overheat protection technology, which automatically turns off the power supply if the temperature gets too high.
- Maintain a minimum distance of 30 cm (12 inches) from the ground and 10 cm (4 inches) from the sides to ensure proper air circulation and safety.

3. Package Contents

Verify that all items listed below are included in your package:

- EconoHome 400W Infrared Wall Heater Panel
- Plugin Thermostat
- Wall Mounting Kit (screws, drywall anchors, spacers)
- Heat Shield (for wall protection)
- User Manual



Figure 2: The heater is displayed alongside its easy-to-install DIY kit, which includes the wall mounting hardware and the plugin thermostat. Specifications for voltage (120V) and wattage (400W) are also visible.

4. Setup and Installation

The EconoHome Infrared Wall Heater is designed for easy wall mounting. Follow these steps for proper

installation:

1. **Choose Location:** Select a suitable wall location, ensuring it meets the safety distance requirements (at least 12 inches from the ground, 4 inches from sides). The heater can be mounted vertically or horizontally.
2. **Apply Template:** Use the provided paper template to mark the precise drilling locations on the wall.



Figure 3: A paper template is used to mark the precise drilling locations on the wall for mounting the heater.

3. **Install Heat Shield:** Before mounting the heater, apply the included heat shield to the wall within the marked area. This helps protect the wall surface.



Figure 4: Spacers are installed on the wall, creating a gap between the heater and the wall for optimal heat distribution.

4. **Drill Holes and Insert Anchors:** Drill holes at the marked locations and insert the appropriate

drywall anchors.

5. **Attach Spacers:** Screw the provided spacers into the anchors. These spacers ensure a small gap between the heater and the wall, allowing for optimal heat distribution and preventing wall damage.
6. **Mount Heater Panel:** Carefully align the heater panel with the installed spacers and slide it into place. Ensure it is securely fastened.



Figure 5: The EconoHome heater is shown securely mounted on the wall, ready for use.

7. **Connect Thermostat:** Plug the heater's power cord into the plugin thermostat, then plug the thermostat into a standard 120V wall outlet.



Figure 6: A detailed view of the plugin thermostat, featuring a dial for temperature adjustment and a power switch for easy control.

Video 1: This video demonstrates the installation process of the EconoHome Infrared Wall Heater, including mounting and connecting the thermostat.

5. Operating Instructions

Your EconoHome Infrared Wall Heater is simple to operate using the plugin thermostat:

1. **Power On/Off:** Locate the power switch on the plugin thermostat. Slide it to the 'ON' position to activate the heater. Slide to 'OFF' to turn it off.
2. **Set Temperature:** Use the rotary dial on the thermostat to select your desired temperature. The thermostat will maintain the room temperature at your chosen setting.
3. **Indicator Light:** A green indicator light on the thermostat will illuminate when the heater is actively heating.

Video 2: This video provides an overview of the EconoHome Infrared Panel Heater's features and operation.

6. Maintenance

The EconoHome Infrared Wall Heater is designed to be maintenance-free. However, to ensure optimal performance and longevity, consider the following:

- **Cleaning:** Ensure the heater is unplugged and completely cool before cleaning. Wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. If damage is found, discontinue use and contact customer support.

7. Troubleshooting

If you encounter issues with your EconoHome Infrared Wall Heater, refer to the following common troubleshooting steps:

- **Heater Not Turning On:**
  - Ensure the plugin thermostat is securely plugged into a working wall outlet.
  - Check that the power switch on the thermostat is in the 'ON' position.
  - Verify that the heater's power cord is properly connected to the thermostat.
  - Check your household's circuit breaker or fuse box.
- **Heater Not Producing Heat:**
  - Confirm the thermostat's temperature setting is higher than the current room temperature.
  - Allow a few minutes for the infrared panel to reach its operating temperature.
- **Heater Overheating (Automatic Shut-off):**
  - This is a safety feature. Unplug the heater and allow it to cool down for at least 30 minutes.
  - Check for any obstructions around the heater that might be blocking heat dissipation. Ensure proper clearance from walls and objects.
  - If the issue persists, contact customer support.

8. Specifications

Feature	Specification
Brand	EconoHome
Model	400W Infrared Wall Heater
Heat Output	400 Watts
Voltage	120 Volts
Amperage	3.33 Amps
Product Dimensions	2"D x 24"W x 24"H
Item Weight	7.28 pounds
Special Feature	Energy Efficient, Noiseless, Overheat Protection
Mounting Type	Wall Mount
Indoor/Outdoor Usage	Indoor

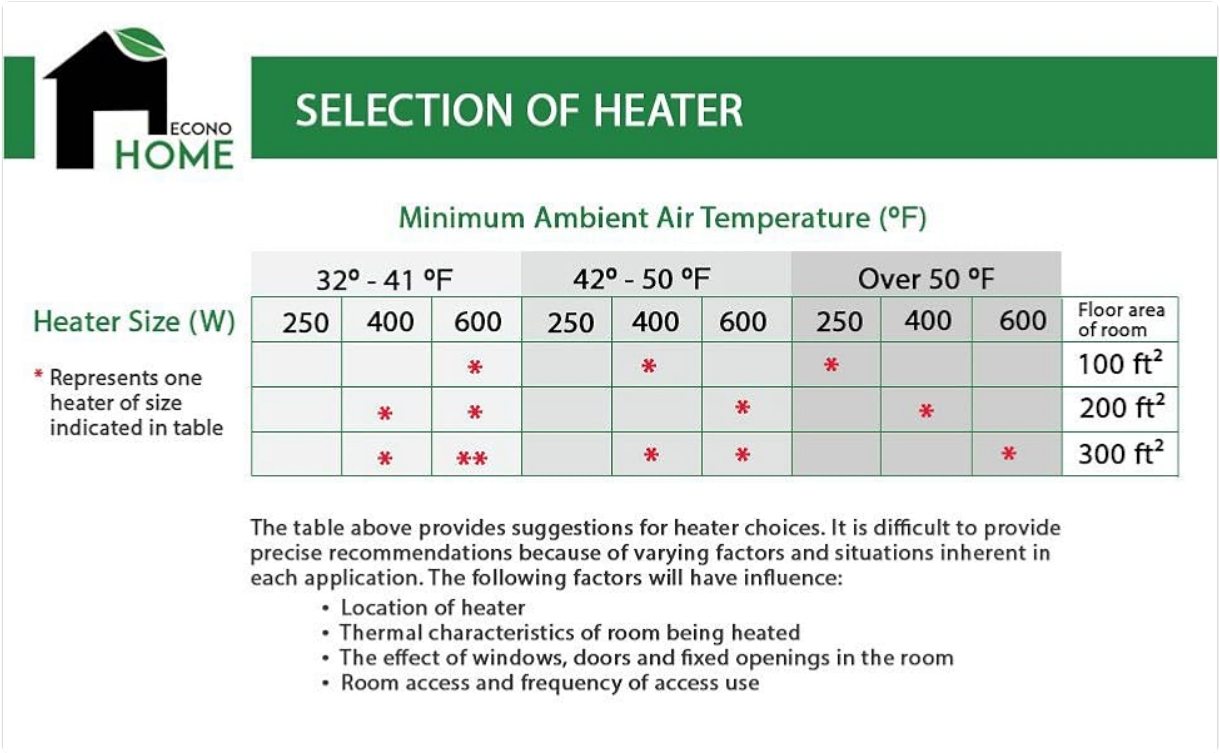


Figure 7: A chart provides guidance on selecting the appropriate EconoHome heater size (250W, 400W, 600W) based on room area and minimum ambient air temperature.

9. Warranty and Support

The EconoHome 400W Infrared Wall Heater comes with a 3-Year Manufacturer Warranty. For warranty claims, technical support, or any questions regarding your product, please contact EconoHome customer service through their official website or the retailer where the product was purchased.