ENVI LE5022D

Envi 220 Volt Hardwired Electric Panel Wall Heater User Manual

Brand: ENVI | Model: LE5022D

1. Important Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in fire, electric shock, property damage, or personal injury.

- This heater is designed for indoor use only.
- Ensure the heater is properly hardwired to a 220-volt circuit by a qualified electrician.
- The exterior of the heater remains cool to the touch (approximately 90°F), making it safe for households with children and pets. However, always exercise caution.
- The heater features **Wall-Sens Technology**, which automatically cuts power if the unit is removed from the wall, enhancing safety.
- For first-time use, run the heater on high for 48-72 hours in a well-ventilated area to dissipate any manufacturing odors.
- Do not block the air vents at the top or bottom of the heater. This can cause overheating and reduce efficiency.

2. Product Overview

The Envi Wall-mounted Electric Panel Heater (Model LE5022D) is a highly efficient and innovative heating solution. Utilizing patented dual-stack convection technology, it effectively warms a room using minimal energy without the need for a fan, ensuring silent operation and preventing the circulation of dust and allergens.



Figure 2.1: Envi 220 Volt Hardwired Electric Panel Wall Heater

Key Features:

- **Energy Efficient:** Low 500-watt consumption (2.3 Amps at 220 Volts) for cost-effective heating.
- **Child Safe:** Cool-to-touch exterior and Wall-Sens Technology for enhanced safety.
- **Quiet Operation:** Fanless design ensures completely silent heating.

- **Natural Convection:** Heats rooms up to 150 sq. ft. by gently circulating warm air, avoiding dry air and allergens.
- **Slim Design:** Only 2 inches thin, saving space and blending seamlessly with decor.
- **Built-in Thermostat:** For precise temperature control.



Figure 2.2: Overview of 3rd Generation Envi Wall Heater Features

How it Works: Dual-Stack Convection Technology

The Envi heater utilizes a patented dual-stack convection technology. This design enhances the natural

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