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Stelpro Ultra-Quiet Wall Convector Heater (ASHC2002W) Instruction Manual

Model: ASHC2002W

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Stelpro Ultra-Quiet Wall Convector Heater, Model ASHC2002W. Please read all instructions carefully before use and retain this manual for future reference.

The Stelpro ASHC2002W is an economical wall-mounted convector heater designed to provide dependable, quiet convection heating for spaces up to 200 square feet. It features a slim design, a built-in electronic thermostat, and a durable finish, making it suitable for various indoor environments.



Image 1.1: Stelpro Ultra-Quiet Wall Convector Heater (ASHC2002W)

2. SAFETY INFORMATION

WARNING: This heater is hardwired only and is NOT a plug-in unit. Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.

- Read all instructions before installing or using this heater.
- Ensure the power supply is disconnected at the main circuit breaker before installation or maintenance.
- Do not install the heater closer than 3 feet (0.9 m) from the front of the heater and away from the side and rear of any combustible materials (e.g., curtains, draperies, furniture).
- Do not install the heater in areas where gasoline, paint, or other flammable liquids are stored.
- This heater is designed for indoor use only.
- Keep the top air discharge grille clear of obstructions to ensure proper airflow.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- Stelpro Ultra-Quiet Wall Convector Heater (ASHC2002W)
- Concealed Mounting Bracket
- Back Entry Plate with Cable Clamps
- Installation Hardware (screws, anchors)
- Instruction Manual

4. SPECIFICATIONS

Feature	Detail
Brand	Stelpro
Model Number	ASHC2002W
Power Output	2000W (at 240V) / 1500W (at 208V)
Voltage	240 Volts (or 208 Volts)
Fuel Type	Electric
Heating Coverage	Up to 200 sq feet
Dimensions (H x W x D)	17 9/16" x 35" x 3 15/16" (approx. 17.56" x 35" x 3.94")
Item Weight	18.9 pounds
Color	White
Mounting Type	Wall Mount (Surface-mount)
Special Features	Electronic Thermostat, Energy Efficient, Fast Heating, Noiseless



Image 4.1: Product Dimensions

5. INSTALLATION

IMPORTANT: This heater requires a 240V (or 208V) hardwired connection. It is not a plug-in unit. All wiring must be done by a qualified electrician.



240 V

HARDWIRED CONNECTION

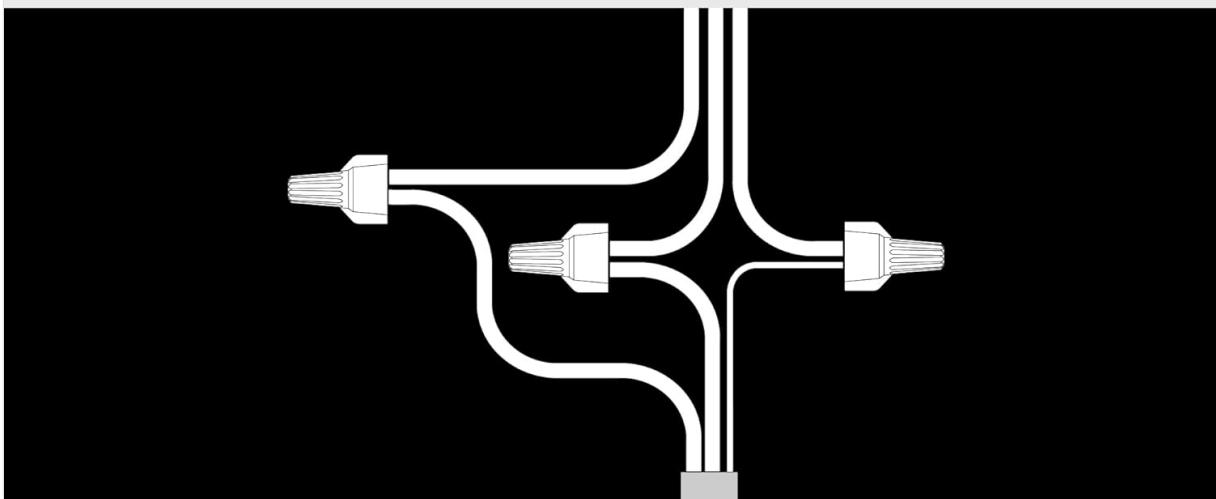
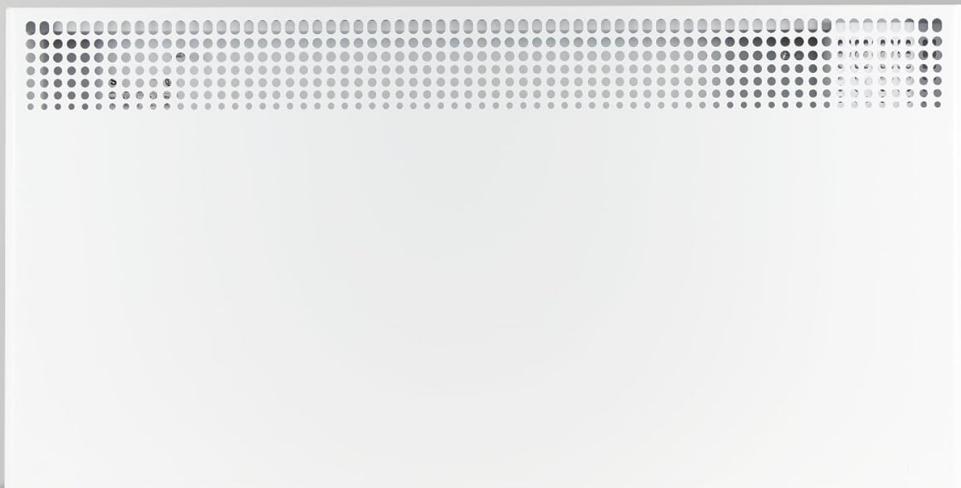


Image 5.1: Hardwired Connection Requirement

5.1 Mounting the Heater

1. Choose a suitable wall location, ensuring at least 3 feet (0.9 m) clearance from any combustible materials in front, and adequate clearance from sides and rear.
2. Use the provided mounting bracket and hardware. The heater is designed for surface-mount installation.
3. Mark the drilling points on the wall using the concealed bracket as a template.
4. Drill pilot holes and insert the appropriate wall anchors (if needed for drywall).
5. Secure the mounting bracket to the wall using the provided screws.
6. Ensure the bracket is level and securely fastened to support the heater's weight.

CONCEALED MOUNTING BRACKET



**2000
WATTS**

**5
YEAR**

WARRANTY*

**TOTALLY
QUIET**

*Three years on electronic components

Image 5.2: Concealed Mounting Bracket

5.2 Electrical Wiring

1. Ensure power is OFF at the main circuit breaker.
2. Route the 240V (or 208V) electrical supply wires to the heater's back entry plate.
3. Connect the supply wires to the heater's terminals using the cable clamps, following the wiring diagram in the full owner's manual.
4. Secure all connections and ensure no bare wires are exposed.
5. Carefully attach the heater to the mounted bracket, ensuring it locks into place.
6. Restore power at the main circuit breaker.

6. OPERATING INSTRUCTIONS

Your Stelpro convector heater features a built-in electronic thermostat for precise temperature control.

BUILT-IN THERMOSTAT



Image 6.1: Built-in Electronic Thermostat

6.1 Setting the Temperature

- Use the up/down arrows on the thermostat's LCD screen to adjust the desired room temperature.
- The heater will automatically maintain the set temperature.

6.2 Operating Modes

- **Automatic Mode:** This mode can be programmed to automatically lower the temperature at night, contributing to energy savings. Refer to the full owner's manual for programming details.
- **Security Mode:** This feature allows you to lock the maximum setpoint temperature for safety, preventing accidental or unauthorized adjustments to higher temperatures.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Ensure the heater is turned off and cool before cleaning. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Air Grilles:** Periodically check the air intake (bottom) and discharge (front) grilles for dust or debris.

accumulation. Gently vacuum or brush away any blockages to maintain efficient airflow.

- **Annual Inspection:** It is recommended to have a qualified electrician inspect the heater and its wiring connections annually.

8. TROUBLESHOOTING

If your heater is not operating correctly, consult the following common issues before contacting support:

- **Heater not turning on:** Check the main circuit breaker to ensure power is supplied. Verify that the heater is securely mounted to the wall, as it contains a safety switch that prevents operation if not properly installed.
- **Insufficient Heat:** Ensure the thermostat is set to a temperature higher than the current room temperature. Check for any obstructions around the air grilles. Verify the heater's wattage matches the room size (up to 200 sq ft for 2000W/240V).
- **Unusual Noises:** While designed for quiet operation, minor expansion/contraction noises may occur during heating/cooling cycles. If loud or persistent noises occur, disconnect power and contact support.
- **Thermostat Display Issues:** If the LCD display is blank or erratic, try resetting the circuit breaker for a few minutes.

For persistent issues or complex problems, please refer to the warranty and support section.

9. WARRANTY AND SUPPORT

Your Stelpro Ultra-Quiet Wall Convector Heater (ASHC2002W) is backed by the following warranties:

- **5-Year Limited Warranty** on the overall unit.
- **Lifetime Warranty** on the heating element.
- **3-Year Warranty** on electronic components.

For technical support, warranty claims, or further assistance, please contact Stelpro customer service. Refer to the contact information provided in your owner's manual or visit the official Stelpro website.