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Stelpro SOA2002WCW

Stelpro SOA2002WCW Wall Heater Instruction Manual

Model: SOA2002WCW | Brand: Stelpro



1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before installing and using this heater. Failure to follow these instructions may result in fire, electric shock, serious injury, or death. Keep this manual for future reference.

- **Electrical Connection:** This heater requires a 240V hardwired connection. Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- **Location:** Do not install the heater directly below a permanent electrical outlet. Maintain minimum clearances from walls, furniture, and other combustible materials as specified in the installation section.
- **Water Exposure:** Do not install the heater in areas where it may be exposed to water spray or splashes. This unit is designed for indoor use only.
- **Supervision:** Close supervision is necessary when any heater is used by or near children or invalids, and whenever the heater is left operating and unattended.
- **Obstruction:** Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- **Maintenance:** Disconnect power before servicing or cleaning the heater.

2. PRODUCT OVERVIEW

The Stelpro SOA2002WCW is a 2000W wall-mounted fan heater from the OASIS Series, designed for efficient and quiet heating in various indoor spaces. It features a durable construction and is controlled via an external wall thermostat (sold separately).



This image shows the Stelpro SOA2002WCW Wall Heater from a front-side angle, highlighting its compact and modern white design.

Key Features:

- **High-Efficiency Heating:** Delivers up to 2000W of heat on a 240V circuit (1500W on 208V).
- **Ultra-Quiet Operation:** Equipped with a centrifugal fan for minimal noise output.
- **Durable Design:** Constructed with a high-performance polymer cabinet and satin-finish steel front.
- **Flexible Installation:** Can be recessed or surface mounted.
- **Thermostat Control:** Compatible with an external wall thermostat (sold separately).



The Stelpro SOA2002WCW Wall Heater is shown installed on a wall in a contemporary bathroom setting, demonstrating its integration into a living space.

3. SPECIFICATIONS

Feature	Detail
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Model	SOA2002WCW
Brand	Stelpro
Power/Wattage	2000W (240V) / 1500W (208V)
Voltage	240 Volts
Colour	White
Item Weight	4.8 kg
Product Dimensions (D x W x H)	12.1D x 28.6W x 40.6H Centimetres (4 1/8" D x 11 1/4" W x 15 13/16" H)
Mounting Type	Wall Mount (Recessed or Surface)
Special Features	Adjustable Temperature (via external thermostat), Energy Efficient, Fast Heating, Lightweight, Noiseless



1 13/16"

45 mm

15 13/16"

402 mm

12"
305 mm

4 1/8"
104 mm

This image provides a detailed dimensional drawing of the Stelpro SOA2002WCW Wall Heater, including measurements in inches and millimeters for height, width, and depth.

How to choose your heating device?

Comment choisir votre appareil de chauffage ?



DETERMINE THE AREA TO HEAT

DÉTERMINEZ LA SUPERFICIE À CHAUFFER

AREA TO HEAT (ft ²) / SUPERFICIE À CHAUFFER (pi ²)												
0	30	50	75	100	150	200	250	300	350	400	450	450
—	30	50	75	100	150	200	250	300	350	400	450	500
REQUIRED POWER (WATT) / PUISSANCE REQUISE (WATT)												
300	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	—

A chart titled 'How to choose your heating device?' which provides guidance on determining the required wattage based on the area to be heated in square feet.

4. INSTALLATION (SETUP)

The Stelpro SOA2002WCW Wall Heater is designed for permanent installation and requires a 240V hardwired electrical connection. It can be either recessed into the wall or surface-mounted.

4.1 Pre-Installation Checklist:

- Ensure power to the circuit breaker is OFF before starting any electrical work.
- Verify that the supply voltage matches the heater's requirements (240V).
- Confirm you have an external wall thermostat (sold separately) for control.
- Gather necessary tools: screwdriver, wire strippers, drill, level, measuring tape.

4.2 Mounting Options:

Recessed Installation: Requires cutting an opening in the wall according to the heater's dimensions. Ensure there are no studs or obstructions in the desired location.

Surface Installation: The heater can be mounted directly onto the wall surface. Ensure the mounting surface is flat and capable of supporting the heater's weight.

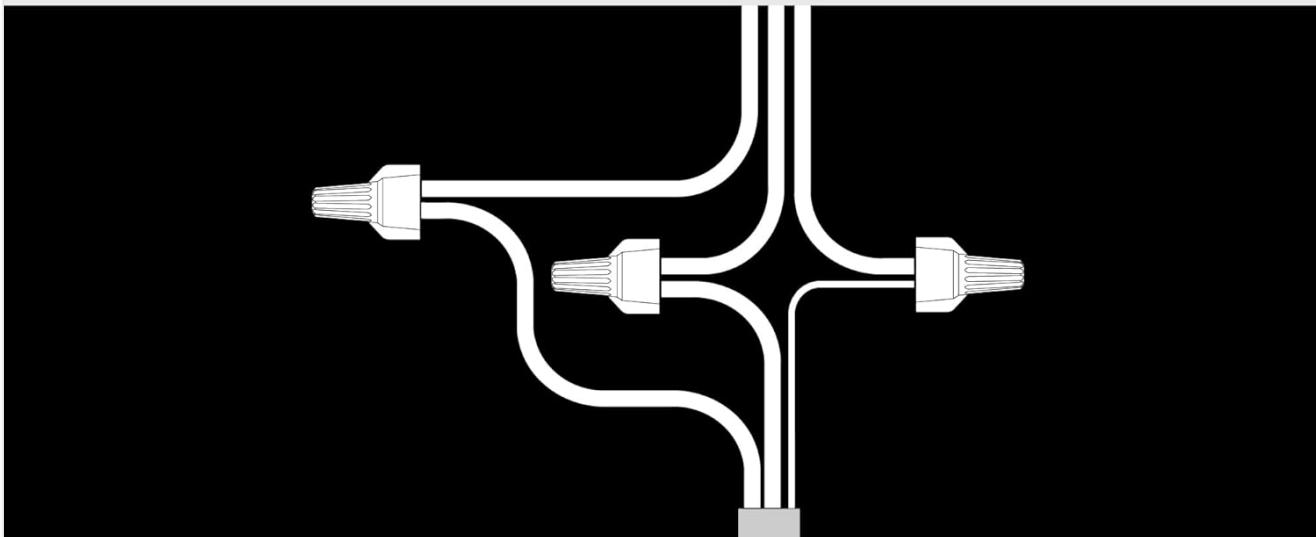
4.3 Electrical Connection:

This heater must be connected to a dedicated 240V circuit by a qualified electrician. The connection involves hardwiring the heater's supply wires to the building's electrical system within a junction box.



240 V

HARDWIRED CONNECTION CONNEXION AVEC FILS DANS LA BOÎTE DE JONCTION



This diagram illustrates the required 240V hardwired electrical connection for the Stelpro SOA2002WCW Wall Heater, showing wires connecting within a junction box.

Refer to the detailed wiring diagram provided with the product packaging for specific connection points and wire colors. Ensure all connections are secure and insulated.

5. OPERATION

The Stelpro SOA2002WCW Wall Heater operates in conjunction with an external wall thermostat (sold separately). This model does not include a built-in thermostat.

5.1 Initial Power-Up:

1. After installation is complete and verified, turn on the power at the circuit breaker.
2. Set your external wall thermostat to the desired temperature.
3. The heater will begin to operate, circulating warm air into the room.

5.2 Temperature Control:

Adjust the temperature setting on your external wall thermostat to increase or decrease the heat output. The heater will cycle on and off to maintain the set temperature.

5.3 Ultra-Quiet Operation:

This heater is designed with a centrifugal fan to minimize operational noise, making it suitable for bedrooms and living areas where quietness is desired.

5.4 Heat Boost Mode:

The OASIS series heaters are equipped with a heat boost mode for rapid heating. This mode is typically activated via the external thermostat, if supported, or automatically when a significant temperature difference is detected.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Stelpro wall heater. Always disconnect power at the circuit breaker before performing any maintenance.

6.1 Cleaning:

- Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- Air Intake/Outlet:** Periodically vacuum the air intake and outlet grilles to remove dust and debris. Ensure these openings are never blocked.

6.2 Annual Inspection:

It is recommended to have a qualified electrician inspect the heater and its electrical connections annually to ensure all components are in good working order and free from wear or damage.

7. TROUBLESHOOTING

If your heater is not operating correctly, consult the following table before contacting customer support.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Thermostat set too low.	Check circuit breaker. Increase thermostat setting.
Insufficient heat output.	Thermostat setting too low. Air intake/outlet blocked. Room size exceeds heater capacity.	Increase thermostat setting. Clear any obstructions. Ensure heater wattage is appropriate for the room area (refer to selection chart).
Unusual noise during operation.	Loose components. Debris in fan.	Disconnect power and inspect for loose parts. If debris is suspected, contact a qualified technician.

Heater cycles on/off too frequently.	Thermostat location. Overheating protection activated.	Ensure thermostat is not in a drafty area or near another heat source. Check for blocked airflows.
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If the problem persists after attempting these solutions, please contact Stelpro customer support.

8. WARRANTY AND SUPPORT

Stelpro products are proudly made in Canada and are designed for quality and performance.

8.1 Warranty Information:

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Stelpro website. Keep your proof of purchase for warranty claims.

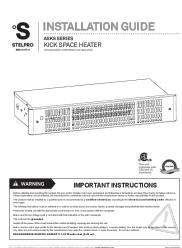
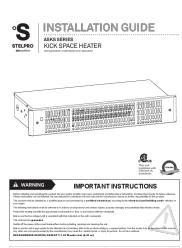
8.2 Customer Support:

If you require assistance with installation, operation, or troubleshooting, please contact Stelpro customer service:

- Phone:** +1 844-783-5776
- Address:** 1041 Rue Parent, Saint-Bruno-de-Montarville, QC J3V 6L7, Canada
- Website:** www.stelpro.com

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Related Documents - SOA2002WCW

	<p><u>Stelpro ASKS Series Kick Space Heater Installation Guide and Specifications</u></p> <p>Official installation guide for the Stelpro ASKS Series Kick Space Heater, including technical specifications, safety warnings, maintenance procedures, troubleshooting tips, and limited warranty information.</p>
	<p><u>Stelpro ASKS Series Kick Space Heater Installation Guide</u></p> <p>Installation, operation, and maintenance guide for the Stelpro ASKS Series Kick Space Heater. Includes technical specifications, troubleshooting, and warranty information.</p>

	<p><u>STELPRO ST252NP, ST302NP, ST402NP Non-Programmable Thermostat Owner's Manual and Installation Guide</u></p> <p>Comprehensive guide for installing and operating the STELPRO ST252NP, ST302NP, and ST402NP non-programmable electronic thermostats for baseboards and convectors. Includes technical specifications, features, and warranty information.</p>
	<p><u>Stelpro ACW750 & ACW1000 Architectural Cabinet Heaters: Specifications & Features</u></p> <p>Explore the Stelpro ACW750 and ACW1000 architectural cabinet heaters. Designed for high-powered, quiet heating in commercial and public spaces. This document details features, technical specifications, available accessories, and installation drawings.</p>
	<p><u>STELPRO ST402PFF Programmable Electronic Thermostat Owner's Manual</u></p> <p>Detailed owner's manual for the STELPRO ST402PFF programmable electronic thermostat, covering installation, programming, features, and technical specifications for baseboard, convector, and fan heaters.</p>
	<p><u>Stelpro SWU Series Industrial/Commercial Washdown Electric Unit Heater User's Guide</u></p> <p>User's guide for the Stelpro SWU Series Industrial/Commercial Washdown Electric Unit Heater, covering installation, operation, and maintenance.</p>