

Stelpro ARWF2002TW

Stelpro Pulsair Electric Wall Fan Heater ARWF2002TW User Manual

Model: ARWF2002TW

1. INTRODUCTION

The Stelpro Pulsair Electric Wall Fan Heater is designed to provide efficient and quiet heating for various indoor spaces. This manual provides essential information for the safe installation, operation, and maintenance of your ARWF2002TW model heater. Please read all instructions carefully before installation and use.





Figure 1: Front view of the Stelpro Pulsair Electric Wall Fan Heater.

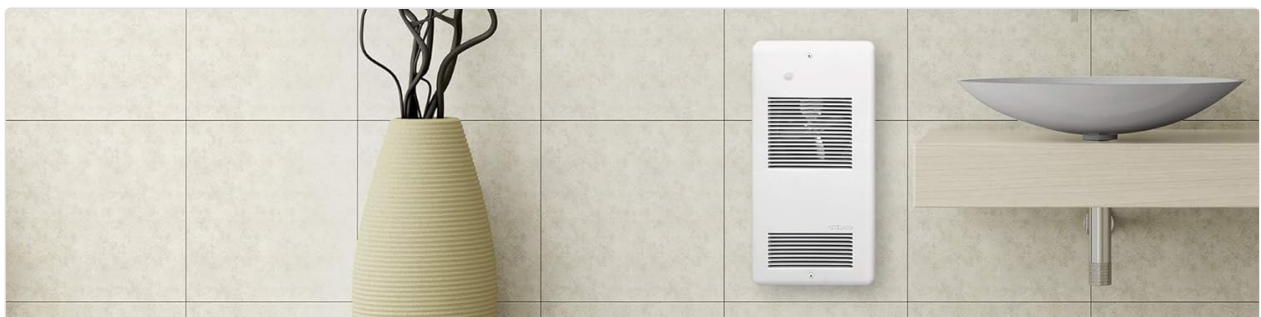


Figure 2: The Stelpro Pulsair heater integrated into a room setting.

2. IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read all instructions before installing or using this heater.
- 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.
- Do not operate any heater after it malfunctions, has been dropped, or damaged in any manner. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
- Do not use outdoors.
- This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to off, and turn off power to heater circuit at main disconnect panel.
- 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.
- To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- This heater must be hardwired by a qualified electrician in accordance with all local and national electrical codes.

3. PRODUCT FEATURES

The Stelpro Pulsair Electric Wall Fan Heater (ARWF2002TW) offers several features designed for efficient and reliable heating:

- **Heating Capacity:** Delivers 2000W on 240V or 1500W on 208V, providing 75 CFM airflow.
- **Coverage:** Heats areas up to 200 sq ft with convection comfort.
- **Integrated Thermostat:** Features a built-in 1P (single-pole) thermostat for direct control on the unit.
- **Construction:** Built with an epoxy-coated 20-gauge steel cabinet and a reinforced 18-gauge grille for durability.
- **Quiet Operation:** Designed with a quiet fan for reduced noise during operation.
- **Installation Versatility:** Can be mounted recessed or surface, and positioned vertically or horizontally, offering four installation directions.
- **Safety Features:** Includes overheat protection.
- **Heating Element:** Utilizes a Nichrome element for fast heating.



Figure 3: Detail of the Stelpro logo and grille design.

4. INSTALLATION GUIDE

Installation of the Stelpro Pulsair heater requires hardwiring and should be performed by a qualified electrician in compliance with all local and national electrical codes.

4.1 Mounting Options

The unit offers flexible mounting options:

- **Recessed Mounting:** The heater can be recessed into a wall. The cabinet depth is 6 3/8 inches (163mm) for proper fit.
- **Surface Mounting:** An optional surface adapter (not included) allows for surface mounting.
- **Orientation:** The heater can be installed vertically or horizontally, allowing for four distinct air flow directions (up, down, left, or right).

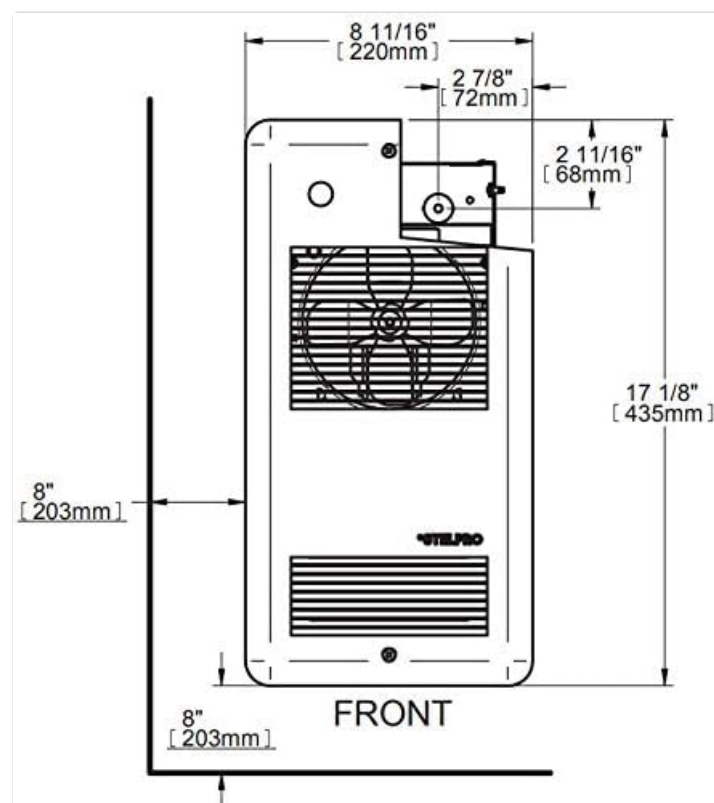


Figure 4: Front dimension diagram.

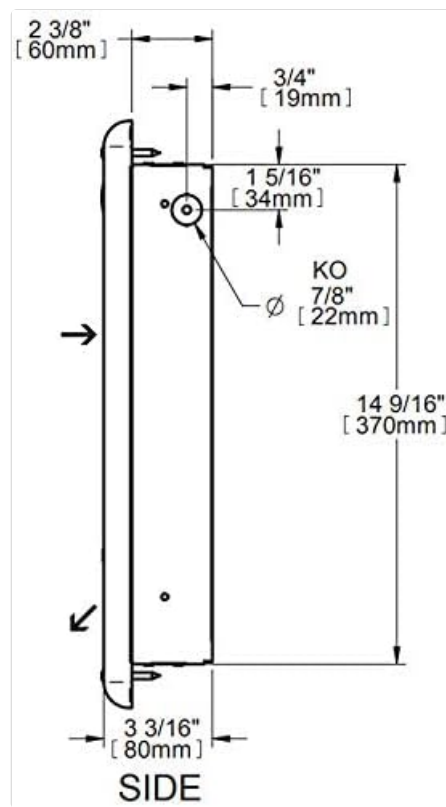


Figure 5: Side dimension diagram.

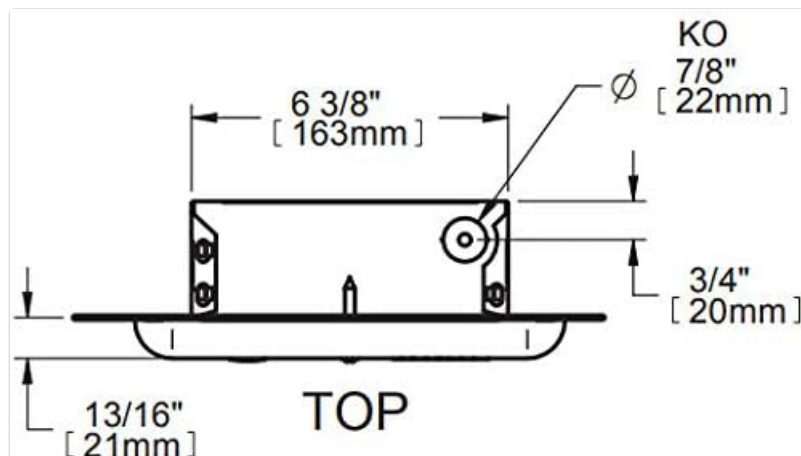


Figure 6: Top dimension diagram.

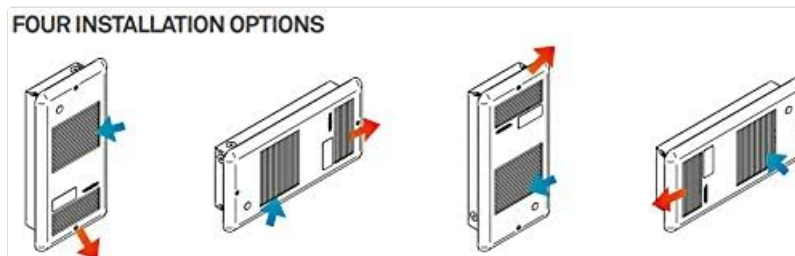


Figure 7: Four installation options for the heater.

4.2 Electrical Connection

The heater requires a 240V electrical connection. Ensure the power supply is turned off at the main circuit breaker before beginning any wiring. Connect the heater according to the wiring diagram provided with the product and local electrical codes. Consult a qualified electrician to ensure proper installation and compatibility with your electrical system.

5. OPERATING INSTRUCTIONS

The Stelpro Pulsair heater is controlled by a built-in 1P thermostat.

5.1 Initial Startup

1. After installation, ensure all electrical connections are secure and the heater is properly mounted.
2. Turn on the power supply to the heater at the main circuit breaker.
3. Adjust the thermostat knob to your desired temperature setting. The heater will activate when the room temperature falls below the set point.

5.2 Thermostat Control

The integrated 1P thermostat allows for direct temperature regulation. Rotate the knob clockwise to increase the desired temperature and counter-clockwise to decrease it. The heater will cycle on and off to maintain the set temperature.

6. MAINTENANCE

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

6.1 Cleaning

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Intake/Exhaust:** Periodically vacuum the air intake and exhaust grilles to remove dust and debris. Ensure these openings remain clear for proper airflow.

6.2 Inspection

Annually, inspect the heater for any signs of damage, loose connections, or unusual wear. If any issues are found, contact a qualified service technician.

7. TROUBLESHOOTING

If your heater is not operating correctly, consult the following table for common issues and solutions. If the problem persists, contact customer support or a qualified electrician.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Thermostat set too low. Overheat protection activated.	Check circuit breaker. Increase thermostat setting. Turn off power, allow to cool, then reset.
Heater produces insufficient heat.	Thermostat set too low. Blocked air intake/exhaust. Room size exceeds heater capacity.	Increase thermostat setting. Clean grilles. Ensure heater is appropriate for room size.

Problem	Possible Cause	Solution
Unusual noise during operation.	Loose components. Debris in fan.	Disconnect power and inspect for loose parts. Disconnect power and carefully remove debris. If noise persists, contact service.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	ARWF2002TW
Brand	Stelpro
Wattage	2000 watts (240V) / 1500 watts (208V)
Voltage	240 Volts
Amperage	8.33 Amps
Heat Output	2000.00 BTU/hr (approx.)
Form Factor	Wall Mount
Color	White
Product Dimensions (D x W x H)	3.19"D x 17.13"W x 8.69"H
Item Weight	7.48 pounds
Special Features	Bladeless, Energy Efficient, Fast Heating, Noiseless, Overheat Protection
Included Components	Integrated Mechanical Thermostat
Indoor/Outdoor Usage	Indoor
Recommended Uses	Home (Basement, Bathroom, Hallway, Home Office, Kitchen)

9. WARRANTY AND CUSTOMER SUPPORT

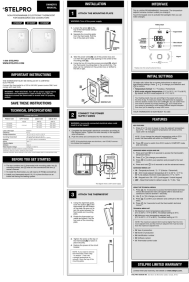




9.1 Warranty Information

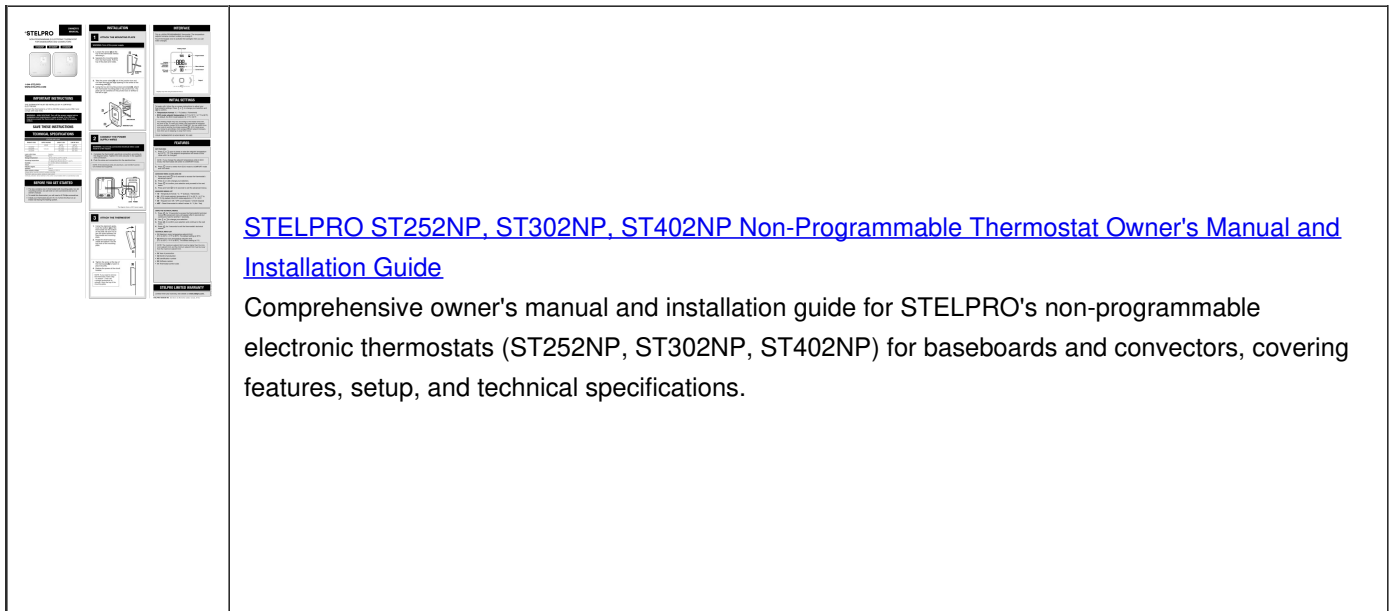
The Stelpro Pulsair Electric Wall Fan Heater (ARWF2002TW) is backed by Stelpro's **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please refer to the official Stelpro warranty documentation for complete terms and conditions.

9.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact Stelpro customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.

Related Documents - ARWF2002TW

	<p>STELPRO ST252NP, ST302NP, ST402NP Non-Programmable Thermostat Owner's Manual and Installation Guide</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>Stelpro SIBT1W Built-in Mechanical Thermostat Kit Installation Guide</p> <p>This guide provides instructions for installing the Stelpro SIBT1W Built-in Mechanical Thermostat Kit for electric baseboard heaters. It includes a list of box contents, safety warnings, and step-by-step installation procedures.</p>
	<p>Stelpro Non-Programmable Electronic Thermostat (ST252NP, ST302NP, ST402NP) - Owner's Manual and Installation Guide</p> <p>Comprehensive owner's manual and installation guide for Stelpro non-programmable electronic thermostats (models ST252NP, ST302NP, ST402NP). Covers important safety instructions, technical specifications, installation steps, interface overview, initial settings, key features, and warranty information.</p>
	<p>STELPRO ST252NPFF/ST402NPFF Non-Programmable Electronic Thermostat Owner's Manual and Installation Guide</p> <p>This owner's manual provides comprehensive instructions for installing and operating the STELPRO ST252NPFF and ST402NPFF non-programmable electronic thermostats. It covers technical specifications, initial settings, features, and troubleshooting for baseboard, convector, and fan heaters.</p>
	<p>STELPRO ST302P/ST402P Programmable Electronic Thermostat Owner's Manual and Installation Guide</p> <p>Comprehensive owner's manual and installation guide for the STELPRO ST302P and ST402P programmable electronic thermostats. Covers setup, programming, features, technical specifications, and warranty information.</p>



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[Stelpro 2020 Product Catalog: Comprehensive Heating Solutions](#)

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