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AeroFlow HSF012

AeroFlow SLIM 1200 Electric Heater User Manual

Model: HSF012

1. INTRODUCTION

Thank you for choosing the AeroFlow SLIM 1200 Electric Heater. This modern, energy-saving surface heater features a high-density refractory stone memory core and a newly developed AeroFlow manufacturing process, designed to provide comfortable and efficient heating. This manual provides essential information for the safe installation, operation, and maintenance of your heater.

Please read this manual thoroughly before installation and use, and keep it for future reference.

2. SAFETY INSTRUCTIONS

Important: Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the power supply voltage matches the rating label on the heater (230V).
- Do not operate the heater with a damaged cord or plug, or after the heater malfunctions or has been dropped or damaged in any manner.
- Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains at least 1 meter (3 feet) from the front of the heater and away from the sides and rear.
- 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.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Always unplug the heater when not in use.
- Do not use outdoors. This heater is designed for indoor use only.
- The heater is equipped with thermal overheat protection for your safety. If it overheats, it will automatically shut off.

3. PRODUCT OVERVIEW

The AeroFlow SLIM 1200 is an advanced electric radiant heater designed for optimal comfort and energy efficiency. Key features include:

- **Power Output:** 1200 Watts, suitable for rooms between 8 m² and 16 m².

- **Heat Retention:** Short heating phase and long heat retention due to a 2 cm thick chamotte storage core. Approximately 20 minutes of heating provides about 40 minutes of stored heat for a room.
- **Comfort:** Uniform radiant heat without air turbulence, ensuring a pleasant indoor climate.
- **Control Options:** Can be controlled via radio, smartphone, and tablet PC (requires an X3D wireless thermostat and TYDOM 1.0 home automation interface, sold separately).
- **Safety:** Integrated thermal overheat protection.
- **Durability:** Robust steel construction with a high-quality pure white RAL 9010 powder coating. Odorless, silent, maintenance-free, and durable.



Figure 1: Front view of the AeroFlow SLIM 1200 Electric Heater. This image shows the full profile of the white, wall-mounted heater with its vertical fins.



Figure 2: Close-up view of the control unit/receiver located on the side of the AeroFlow SLIM 1200 heater. It features a small antenna and control buttons.



Figure 3: Detailed view of the top grille of the AeroFlow SLIM 1200 heater, showing the slotted design for heat emission.

4. SETUP AND INSTALLATION

The AeroFlow SLIM 1200 heater is designed for easy wall mounting and simple connection.

4.1 Unpacking

- Carefully remove the heater and all components from the packaging.
- Verify that all parts are present: heater unit, wall mounting bracket, and mounting hardware.
- Inspect the heater for any signs of damage. Do not install if damaged.

4.2 Wall Mounting

- Choose a suitable wall location, ensuring sufficient clearance from combustible materials (minimum 1 meter from the front, sides, and rear).
- Mark the drilling points for the wall mounting bracket using the provided template or by holding the bracket against the wall.
- Drill holes and insert appropriate wall plugs (if necessary, depending on wall material).
- Securely attach the wall mounting bracket to the wall using the provided screws.
- Carefully lift the heater and hook it onto the wall mounting bracket. Ensure it is securely seated.
- You can decide which side the radio receiver will be placed on during mounting.

4.3 Electrical Connection

- The heater comes with a 1.5-meter connection cable and a Schuko plug.
- Plug the heater into a standard 230V electrical outlet.
- Ensure the outlet is easily accessible and not overloaded.



Figure 4: The AeroFlow SLIM 1200 heater installed on a wall in a living room setting, demonstrating typical placement.

5. OPERATING INSTRUCTIONS

The AeroFlow SLIM 1200 heater offers flexible control options.

5.1 Basic Operation (Manual Control)

While designed for advanced control, the heater can be manually operated via its integrated receiver unit. Refer to the specific instructions provided with the receiver for basic power on/off and temperature adjustment.

5.2 Wireless Control (X3D Thermostat)

For convenient and precise temperature control, use an X3D wireless thermostat (not included). The X3D thermostat can be placed anywhere in the room or mounted on a wall and can control multiple heaters in the same room.

- **Pairing:** Follow the instructions provided with your X3D thermostat to pair it with the heater's receiver unit.
- **Temperature Setting:** Use the X3D thermostat to set your desired room temperature. The heater will automatically adjust its output to maintain this temperature.

- **Programming:** The X3D thermostat typically offers programmable heating schedules. Consult its manual for detailed programming instructions.

5.3 Smart Control (TYDOM 1.0 Interface)

For control via smartphone or tablet PC, an additional TYDOM 1.0 home automation interface is required (not included).

- **Installation:** Install the TYDOM 1.0 interface according to its specific instructions.
- **App Setup:** Download the compatible app to your smartphone or tablet and follow the in-app instructions to connect to the TYDOM 1.0 interface and your AeroFlow heater.
- **Remote Control:** Once set up, you can control your heater's settings, monitor its status, and program schedules remotely via the app.

6. MAINTENANCE

The AeroFlow SLIM 1200 heater is designed to be maintenance-free and durable.

- **Cleaning:** Ensure the heater is unplugged and completely cool before cleaning. Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Dust Removal:** Periodically use a soft brush or vacuum cleaner with a brush attachment to remove dust from the grilles and fins to maintain optimal heat output.
- **No Internal Maintenance:** Do not attempt to open or service the internal components of the heater. There are no user-serviceable parts inside.

7. TROUBLESHOOTING

If you experience issues with your AeroFlow SLIM 1200 heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply; power switch off; overheat protection activated.	Check if the plug is securely in the outlet. Ensure the wall switch (if any) is on. Unplug the heater, wait 30 minutes for it to cool down, then plug it back in.
Heater is on but not heating.	Temperature setting too low; X3D thermostat not paired or out of range.	Increase the desired temperature setting. Ensure the X3D thermostat is paired and within range of the heater's receiver. Check thermostat batteries.
Uneven heating or cold spots.	Room size exceeds heater capacity; drafts; improper placement.	Ensure the heater is appropriately sized for the room (8-16 m ² for 1200W). Seal drafts. Reposition the heater for better heat distribution.
Remote control (X3D) not working.	Batteries low/dead; pairing lost; out of range.	Replace batteries in the X3D thermostat. Re-pair the thermostat with the heater. Move the thermostat closer to the heater.

If the problem persists after trying these solutions, please contact AeroFlow customer support.

8. SPECIFICATIONS

Brand	AeroFlow
Model Number	HSF012 (also A12S1)
Power Output	1200 Watts
Voltage	230 Volts
Color	Pure White RAL 9010
Dimensions (Package)	98 x 32.5 x 9 cm
Item Weight	24 Kilograms
Heating Method	Radiant (with convection)
Installation Type	Wall Mount
Recommended Room Size	8 m ² to 16 m ²
Special Features	AeroFlow® manufacturing process, thermal overheat protection, X3D radio control compatible, app compatible
Indoor/Outdoor Use	Indoor

9. WARRANTY AND SUPPORT

AeroFlow provides a **30-year warranty** on the heating performance of the AeroFlow technology. This warranty covers the core heating elements and their efficiency.

For technical support, warranty claims, or further assistance, please contact AeroFlow customer service. Refer to the contact information provided with your purchase documentation or visit the official AeroFlow website.

Note: The warranty may not cover damage resulting from improper installation, misuse, or unauthorized repairs. Specific terms and conditions apply.

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Related Documents - HSF012

	<p>AeroFlow Electric Heater User Manual and Technical Specifications</p> <p>Comprehensive user manual for AeroFlow electric heaters by Electrorad, covering installation, operation, thermostat guide, app connectivity, safety instructions, and warranty information. Includes technical specifications and regulatory compliance data.</p>
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[AeroFlow Electric Heater User Manual and Technical Specifications](#)

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[Aeroflow Performance Radiator Expansion Tank Installation Guide](#)

INSTALLATION INSTRUCTIONS

1. Remove the cap from the expansion tank.

2. Connect the expansion tank to the radiator system.

3. Fill the system with coolant to the proper level.

4. Bleed the system to remove any air.

5. Check for leaks and proper operation.

6. Refer to the technical specifications for further details.

7. Contact customer support for assistance.

8. Keep this manual for future reference.

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[Aeroflow Performance Radiator Expansion Tank Installation Guide](#)

This guide provides installation instructions and technical specifications for the Aeroflow Performance Radiator Expansion Tank. Learn about its features, dimensions, and proper mounting procedures for automotive systems.



[AutoPlumb AN Cooling System Configuration Guide](#)

A comprehensive guide to configuring your AutoPlumb AN cooling system, detailing parts, tools, mock-up procedures, and installation tips for -16AN and -20AN hose sizes.