

KING WHF1210

King WHF1210-W Wall Heater Instruction Manual

Model: WHF1210-W | Brand: KING

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1. PRODUCT OVERVIEW

The King WHF1210-W is a fan-forced wall heater designed for efficient spot heating in small rooms, apartments, bathrooms, and utility areas. This unit offers a compact and integrated heating solution, eliminating the need for bulky space heaters. It features two wattage options, 500W and 1000W, capable of heating areas up to 100 square feet. The design integrates seamlessly into your wall, resembling a standard central heating system register. For enhanced safety, the heater includes "Smart Limit Protection" which automatically shuts off the unit if it overheats.



Figure 1.1: King WHF1210-W Wall Heater installed in a residential setting, providing discreet heating.

2. IMPORTANT SAFETY INFORMATION

Read all instructions before installing or using this heater. Failure to follow these instructions may result in electric shock, fire, or serious injury.

General Safety Precautions:

- **WARNING:** Risk of electric shock. Disconnect power at the service panel before installing or servicing 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. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- 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, then remove plug from outlet.
- 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.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

3. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the safe and efficient operation of your King WHF1210-W wall heater. If you are unsure about wiring or installation, consult a qualified electrician.

Pre-Installation Checklist:

- Ensure power is disconnected at the circuit breaker before beginning any work.
- Verify that the electrical supply matches the heater's requirements (120V).
- Choose a suitable wall location, away from combustible materials and water sources.
- Ensure adequate clearance around the heater for proper airflow.

Installation Steps:

1. **Prepare the Wall Opening:** Create an opening in the wall according to the dimensions specified in the "Specifications" section. Ensure there are no studs or obstructions.
2. **Mount the Wall Can:** Insert the heater's wall can into the prepared opening. Secure it firmly to the wall studs using appropriate fasteners.

3. **Wire the Heater:** Connect the electrical supply wires to the heater's terminal block. Follow local electrical codes and the wiring diagram provided with the unit. Ensure all connections are tight and secure.
4. **Install the Heating Assembly:** Carefully slide the heating assembly (fan and element) into the wall can. Ensure it is properly seated and secured.
5. **Attach the Grille:** Secure the front grille to the heating assembly using the provided screws.
6. **Restore Power:** Once installation is complete and all connections are checked, restore power at the circuit breaker.

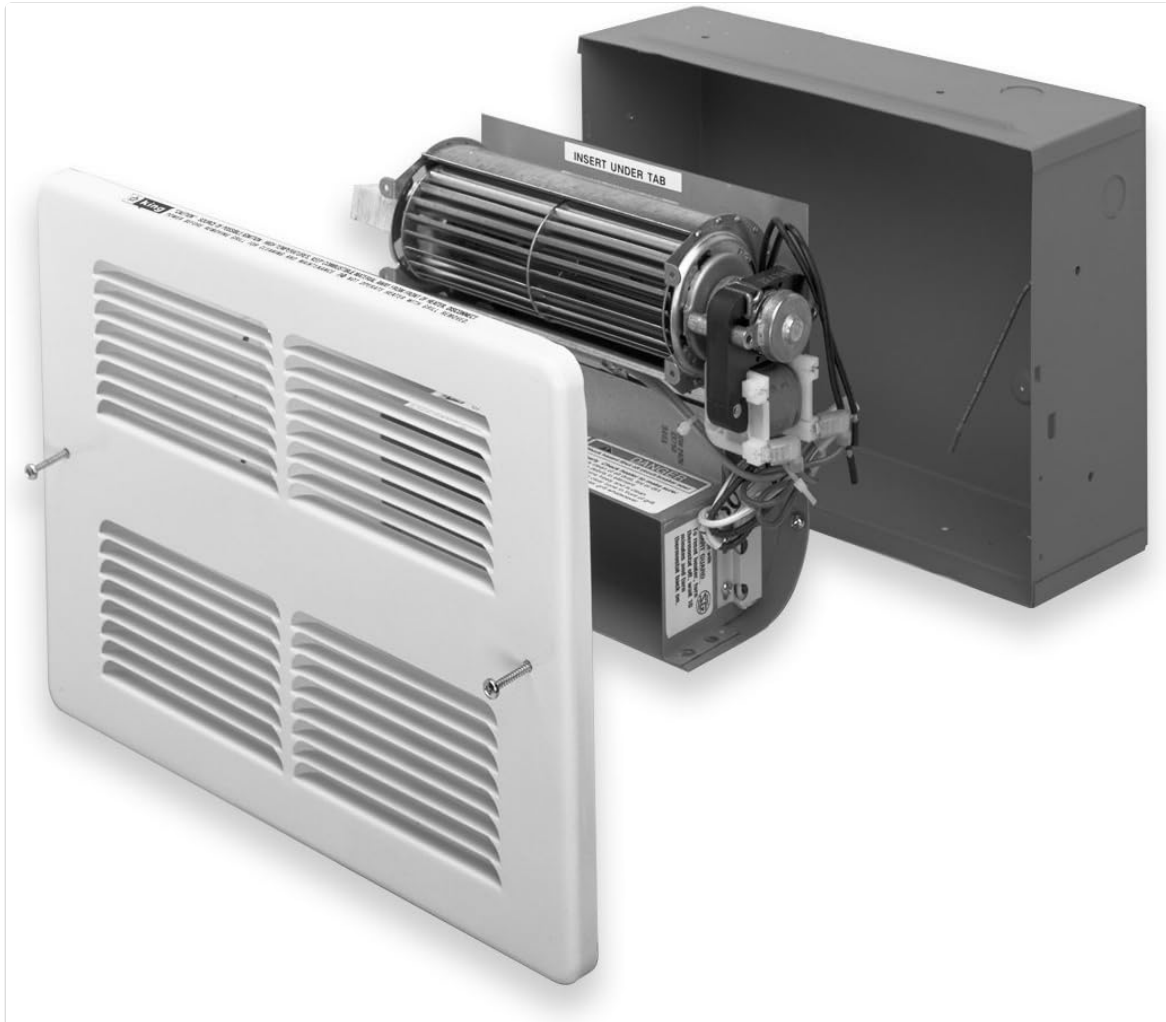


Figure 3.1: Components of the King WHF1210-W Wall Heater, showing the grille, fan assembly, and wall can for installation.

Installation Overview Video

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Video 3.1: An overview of King Electric WHF Series wall heaters, demonstrating general features and installation principles. Note: This video features model WHF2015, which may have slight differences from the WHF1210-W model.

4. OPERATING INSTRUCTIONS

The King WHF1210-W wall heater is designed for simple and effective heating. It features an electronic thermostat for precise temperature control and wattage selection.

Turning On/Off:

- Ensure the heater is properly installed and connected to power.
- Use the integrated electronic thermostat to turn the unit on or off.

Setting Temperature:

- Adjust the thermostat to your desired room temperature. The heater will cycle on and off to maintain this setting.

Wattage Selection:

- This model offers 500W and 1000W heating options. Refer to the specific controls on your unit for selecting the desired wattage. Higher wattage provides faster heating for larger areas within its capacity.

Smart Limit Protection:

The heater is equipped with a "Smart Limit Protection" feature. If the unit detects an overheating condition, it will automatically shut off to prevent damage and ensure safety. If this occurs, turn off the heater, allow it to cool, and check for any obstructions to airflow before restarting.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your King WHF1210-W wall heater.

Cleaning:

- **WARNING:** Disconnect power at the circuit breaker before cleaning the heater.
- Periodically clean the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Gently vacuum the grille to remove dust and debris that may accumulate and obstruct airflow.

Inspection:

- Annually inspect the heater for any signs of damage, loose connections, or excessive dust buildup inside the unit. If any issues are found, consult a qualified technician.

6. TROUBLESHOOTING

If your King WHF1210-W wall heater is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Circuit breaker tripped. Thermostat set too low.	Check power connection. Reset circuit breaker. Increase thermostat setting.
Heater runs but no heat.	Heating element failure. Wattage setting too low.	Contact qualified technician. Adjust wattage setting if applicable.
Heater cycles on and off frequently.	Thermostat setting too close to room temperature. Overheating (Smart Limit Protection activated).	Adjust thermostat setting. Check for obstructions, allow to cool, then restart.
Reduced airflow or unusual noise.	Dust buildup on fan/grille. Loose components.	Clean grille and fan area. Contact qualified technician.

If you experience issues not listed here or if the suggested solutions do not resolve the problem, please contact King customer support or a qualified electrician.

7. SPECIFICATIONS

Feature	Detail
Model	WHF1210-W
Brand	KING
Voltage	120 Volts
Wattage	1000W / 500W (selectable)
Heating Coverage	Up to 100 square feet
Special Feature	Electronic Thermostat, Smart Limit Protection
Form Factor	Wall-Mounted, Fan-Forced
Color	White
Dimensions (Product)	13.5 x 4 x 10 inches
Item Weight	8.5 pounds
UPC	093319120125

8. WARRANTY AND SUPPORT

Warranty Information:

This King WHF1210-W wall heater comes with a **1 Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty card included with your product or contact King customer support.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact King customer support. You can find contact information on the official King Electric website: www.king-electric.com.