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› KING 4K1210BW K Series Baseboard Heater User Manual

## KING 4K1210BW

# KING 4K1210BW K Series Baseboard Heater User Manual

Model: 4K1210BW | Brand: KING

## 1. INTRODUCTION

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This manual provides essential instructions for the safe installation, operation, and maintenance of your KING 4K1210BW K Series Baseboard Heater. This 4-foot, 1000-watt, 120-volt electric baseboard heater is designed to provide natural convection heat for indoor spaces. Please read all instructions carefully before installation and use.



Image 1.1: The KING 4K1210BW K Series Baseboard Heater in Bright White.

## 2. IMPORTANT SAFETY INFORMATION

### **WARNING: Risk of Fire, Electric Shock, or Injury to Persons.**

- This heater is designed for permanent installation and must be hard-wired by a qualified electrician in accordance with all local and national electrical codes. It is not a plug-in model.
- Do not install the heater near combustible materials. Maintain proper clearances from walls, furniture, drapes, and other objects as specified in the installation instructions.
- 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.
- Always disconnect power at the main service panel before performing any service or maintenance on the heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Do not use this heater in bathrooms, laundry areas, or similar indoor locations where water is present.

### 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- KING 4K1210BW K Series Baseboard Heater (1 unit)
- Installation and User Manual (this document)
- Mounting hardware (screws, anchors)

### 4. SETUP AND INSTALLATION

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Installation of this baseboard heater requires electrical wiring and should only be performed by a qualified electrician or licensed professional in compliance with all national and local electrical codes.

#### 4.1 Mounting Location

Select a wall location that allows for proper air circulation and maintains required clearances. Ensure the heater is mounted securely to wall studs or with appropriate anchors. The unit features perforations along the back for easy mounting.

#### 4.2 Electrical Connection

The KING 4K1210BW is a 1000W, 120V unit designed for hard-wiring. Connect the heater directly to a dedicated 120V circuit. Refer to the wiring diagram provided within the heater's junction box for specific connections. Ensure all connections are secure and insulated. If connecting to a thermostat, follow the thermostat's wiring instructions in conjunction with the heater's diagram. Note that some models may have all black wires; in such cases, refer to the diagram for proper identification of line and load connections.

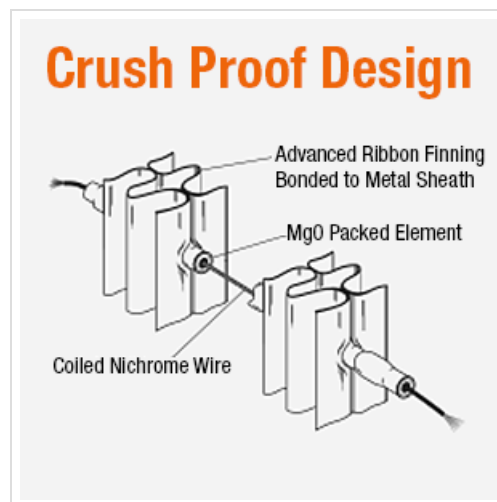


Image 4.1: Internal view illustrating the crushproof element design with aluminum ribbon finning and coiled nichrome wire.

### 5. OPERATING INSTRUCTIONS

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Once properly installed and wired, the baseboard heater operates via natural convection. Heat is generated by the internal element and rises, circulating warmth throughout the room.

#### 5.1 Initial Operation and Odor

Upon first use, or after extended periods of non-use, the heater may emit a slight odor and some smoke for approximately 30-45 minutes. This is normal and is due to the burn-off of manufacturing residues. Ensure the area is well-ventilated during this initial period. The odor will dissipate completely with continued use.

#### 5.2 Temperature Control

The heater's temperature is controlled by an external thermostat (sold separately). Adjust the thermostat to your desired room temperature. The heater will cycle on and off to maintain the set temperature.

## 6. MAINTENANCE

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

### 6.1 Cleaning

Periodically wipe the exterior of the heater with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the heater is completely dry before restoring power.

### 6.2 Airflow

Ensure that the air intake and exhaust openings are free from dust, lint, or other obstructions. Blocked airflow can reduce heating efficiency and pose a fire hazard.

## 7. TROUBLESHOOTING

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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 to the unit.	Check circuit breaker. Ensure power is supplied to the heater.
	Thermostat set too low.	Increase thermostat setting.
	Loose wiring connection.	Have a qualified electrician inspect wiring connections.
Heater produces insufficient heat.	Room size exceeds heater capacity.	Ensure heater wattage is appropriate for the room size.
	Blocked airflow.	Clear any obstructions from air intake/exhaust.
Unusual smell or smoke (after initial burn-off).	Dust accumulation on heating element.	Disconnect power, allow to cool, and clean the heater.
	Foreign object inside heater.	Disconnect power and inspect for foreign objects. If unable to remove safely, contact a qualified technician.

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	4K1210BW
Brand	KING
Power Output	1000 Watts
Voltage	120 Volts
Amperage	8.3 Amps
Length	4 feet
Color	Bright White
Heating Method	Natural Convection
Element Type	Aluminum Ribbon Fin Element, Crushproof
Safety Feature	Full Length Safety Cutout
Indoor/Outdoor Usage	Indoor
Mounting Type	Floor Mount (designed for wall mounting above floor)

## 9. WARRANTY AND SUPPORT

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### 9.1 Limited Warranty

This KING 4K1210BW K Series Baseboard Heater comes with a 1-Year Limited 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 documentation included with your product or visit the manufacturer's website.

### 9.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact KING customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

## 10. PRODUCT VIDEO

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Your browser does not support the video tag.

Video 10.1: An official video from KING showcasing the manufacturing process and features of their heating solutions. This video highlights the company's commitment to quality and design.