

## Junkers WRD 11-2 KME

# Junkers WRD 11-2 KME Tankless Water Heater User Manual

Model: WRD 11-2 KME (Minimaxx)

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Junkers WRD 11-2 KME tankless water heater. Please read this manual thoroughly before installation and use, and keep it for future reference. This appliance is designed to provide instant hot water using natural gas.

## 2. SAFETY INFORMATION

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### Important Safety Instructions:

- Installation and service must be performed by a qualified installer, service agency, or gas supplier.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- If you smell gas, follow the instructions provided by your gas supplier immediately. Do not attempt to light any appliance, touch any electrical switch, or use any phone in your building.
- Ensure proper ventilation for the appliance.
- Never block air openings to the appliance.
- Regularly inspect the appliance for any signs of damage or malfunction.

Failure to follow these instructions could result in property damage, personal injury, or death.

## 3. PRODUCT OVERVIEW

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The Junkers WRD 11-2 KME is a compact, vertical, tankless water heater designed for indoor installation. It operates on natural gas and features a pilot flame ignition system. Its efficient design provides hot water on demand.



Figure 1: Front view of the Junkers WRD 11-2 KME Tankless Water Heater. This image shows the compact design and white casing of the appliance.

## Key Features:

- Tankless (on-demand) hot water supply.
- Vertical installation.
- Natural gas operation.
- Pilot flame ignition.
- Compact design for indoor use.

## 4. SETUP AND INSTALLATION

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Installation of the Junkers WRD 11-2 KME water heater must be carried out by a certified professional in accordance with all local and national codes and regulations. Incorrect installation can lead to serious hazards.

### Installation Considerations:

- **Location:** Install indoors in a well-ventilated area, away from flammable materials.
- **Mounting:** Securely mount the unit vertically to a sturdy wall structure.
- **Gas Connection:** Connect to a natural gas supply line. Ensure all connections are leak-free.
- **Water Connections:** Connect cold water inlet and hot water outlet pipes.
- **Ventilation:** Ensure proper venting for combustion byproducts as per local codes.
- **Electrical Connection:** The unit requires a 220 Volt electrical supply.

Refer to the detailed installation guide provided with the product packaging for specific diagrams and step-by-step instructions.

## 5. OPERATING INSTRUCTIONS

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Once installed and checked by a professional, operating your Junkers WRD 11-2 KME is straightforward.

### Starting the Appliance:

1. Ensure the gas supply valve to the appliance is open.
2. Open a hot water tap in your home. The water heater will detect the flow and the pilot flame will ignite, followed by the main burner.
3. Allow a few moments for hot water to reach the tap.
4. Close the hot water tap when finished. The appliance will automatically shut down.

### Adjusting Water Temperature:

The water temperature can typically be adjusted via a control knob on the front panel of the unit. Refer to the markings on the knob for hotter or cooler settings. Start with a moderate setting and adjust as needed for comfort and safety.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your water heater. It is recommended to have the appliance inspected annually by a qualified service technician.

### User Maintenance (Monthly/Quarterly):

- **Visual Inspection:** Check for any visible leaks, corrosion, or damage to the unit or its connections.
- **Ventilation Check:** Ensure that the area around the water heater is clear and that ventilation openings are not obstructed.
- **Pilot Light:** Observe the pilot flame. It should be steady and blue. If it's yellow or flickering, contact a service technician.

### Professional Maintenance (Annually):

- Cleaning of the heat exchanger to remove scale and sediment.
- Inspection and cleaning of the burner assembly.
- Checking gas pressure and connections.
- Verification of safety devices.

## 7. TROUBLESHOOTING

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Before contacting service, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
No hot water / Cold water only	Gas supply off, pilot light out, water flow too low.	Check gas valve. Relight pilot (refer to specific instructions on unit). Increase water flow.
Pilot light won't stay lit	Thermocouple issue, gas pressure problem.	Contact a qualified service technician.
Water not hot enough	Temperature setting too low, excessive water flow.	Adjust temperature knob. Reduce water flow at the tap.
Unusual noises	Sediment buildup, loose components.	Schedule professional maintenance for inspection and cleaning.

For issues not listed or if solutions do not resolve the problem, contact a qualified service technician.

## 8. SPECIFICATIONS

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The following are the technical specifications for the Junkers WRD 11-2 KME tankless water heater:

- **Brand:** Junkers
- **Model Number:** WRD 11-2 KME (Minimaxx, 7701331691)
- **Color:** White
- **Product Dimensions:** 22 x 31 x 58 cm

- **Weight:** Approximately 6.8 kg (15 Pounds)
- **Voltage:** 220 Volt
- **Material:** Stainless Steel
- **Energy Source:** Electric Wired (for ignition/controls), Natural Gas (for heating)
- **Special Features:** Natural gas consumption type, pilot flame
- **Installation Style:** Indoor Installation, Vertical

## 9. WARRANTY AND SUPPORT

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For specific warranty details, please refer to the warranty card included with your product packaging or contact your point of purchase. Keep your proof of purchase for warranty claims.

For technical support, service, or to order replacement parts, please contact your authorized Junkers dealer or a qualified service technician. Ensure you have your model number (WRD 11-2 KME or 7701331691) and serial number ready when contacting support.