

Junkers WTD15-3AME

Junkers WTD15-3AME 15 Liter Water Heater Instruction Manual

Model: WTD15-3AME | Reference: 7736504884

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Junkers WTD15-3AME 15-liter low consumption water heater. Please read these instructions carefully before installation and use, and keep them for future reference.

The Junkers WTD15-3AME is a 15-liter capacity water heater designed for low consumption, featuring automatic electronic ignition and thermostatic control for precise temperature management. It is compatible with both natural gas and butane/propane gas systems and boasts low NOx emissions for environmental friendliness. The unit includes a sealed combustion chamber and a digital touch screen for temperature display and error codes.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation and servicing must be performed by a qualified technician in accordance with local regulations and standards.
- Do not operate the appliance if any part is submerged in water. Immediately contact a qualified service technician.
- Ensure adequate ventilation in the installation area.
- Do not store or use flammable materials near this appliance.
- Regularly inspect the appliance for any signs of damage or leaks.
- This appliance is designed for indoor installation only.

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

3. PRODUCT FEATURES

- **Capacity:** 15 Liters
- **Fuel Type:** Natural Gas or Butane/Propane Gas

- **Ignition Type:** Electronic (220-240V ionization for direct burner ignition)
- **Thermostatic Control:** Delivers water at the exact chosen temperature.
- **Low NOx Emissions:** Environmentally friendly operation.
- **Sealed Combustion Chamber:** Combustion occurs internally for enhanced safety.
- **Digital Touch Screen:** Displays hot water temperature and error codes.
- **Solar Energy System Compatibility:** Designed to integrate with solar hot water systems.
- **ERP Class:** A

4. SPECIFICATIONS

Feature	Value
Manufacturer	Junkers
Model Number	WTD15-3AME (Reference: 7736504884)
Dimensions (H x W x D)	57.5 cm x 36.5 cm x 17 cm
Weight	13 kg
Capacity	15 Liters
Power Output	4.7 - 27 kW (27000 Watts)
Minimum Operating Pressure	0.1 bar
Flow Rate	2.8 - 11.1 l/min
Exhaust Pipe Diameter	80/110 mm
DHW Consumption Profile	XL
ERP Class	A
Acoustic Power Level (Indoor)	60 dB

Energy Efficiency Information

The Junkers WTD15-3AME water heater is designed for energy efficiency. Below is the energy label providing key performance indicators.



Image: Energy label for Junkers water heater, indicating Class A efficiency and other performance metrics.

For detailed product information and official documentation, please refer to the EPREL database:

<https://eprel.ec.europa.eu/qr/130943>



Image: Product fiche providing detailed technical specifications and energy data.

5. SETUP AND INSTALLATION

General Guidelines:

- The water heater must be installed indoors by a certified professional.
- Ensure the installation location complies with all local building and gas codes.
- Verify that the gas type (natural gas or butane/propane) matches the appliance's configuration. Conversion kits may be required if the default configuration does not match the available gas supply.
- Connect the appliance to a dedicated 230V electrical supply for automatic ignition.
- Properly connect the water inlet and outlet pipes, ensuring no leaks.
- Install the exhaust pipe with the specified diameter (80/110 mm) according to manufacturer guidelines and local regulations.
- The appliance is compatible with solar energy systems; consult a professional for integration.



Image: Front view of the Junkers WTD15-3AME water heater.



Image: Side view of the Junkers WTD15-3AME water heater, illustrating its compact dimensions and potential connection points.

6. OPERATING INSTRUCTIONS

Initial Startup

1. Ensure all gas and water connections are secure and leak-free.
2. Open the main gas supply valve.
3. Turn on the electrical power supply to the water heater.
4. Open a hot water tap to allow water to flow through the unit. The electronic ignition system will automatically activate the burner.

Temperature Adjustment

- Use the digital touch screen interface to set your desired hot water temperature.
- The thermostatic control will maintain the water at the selected temperature.

Shutdown

- To temporarily stop hot water production, close all hot water taps. The unit will enter standby mode.
- For extended periods of non-use or maintenance, turn off the electrical power supply and close the main gas supply valve.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. It is recommended that a qualified technician performs annual inspections and servicing.

- **Annual Inspection:** Have a qualified technician check the burner, heat exchanger, gas connections, water connections, and exhaust system for proper operation and any signs of wear or corrosion.
- **Cleaning:** Keep the exterior of the appliance clean. Do not use abrasive cleaners.
- **Ventilation:** Ensure that the area around the water heater remains clear and unobstructed to allow for proper airflow.

- **Water Quality:** In areas with hard water, consider installing a water softener to prevent scale buildup, which can affect efficiency and lifespan.

8. TROUBLESHOOTING

This section provides solutions for common issues. For complex problems or if issues persist, contact a qualified service technician.

Problem	Possible Cause	Solution
No hot water	No gas supply, no electrical power, low water pressure, or error code displayed.	Check gas valve, electrical supply, water pressure. Refer to digital display for error codes and consult the full technical manual.
Water not hot enough	Temperature setting too low, or insufficient gas flow.	Increase temperature setting on the digital display. Ensure gas supply is fully open.
Unit not igniting	No electrical power, gas supply off, or ignition system fault.	Verify electrical power and gas supply. If problem persists, contact service.
Error code displayed	Indicates a specific operational fault.	Note the error code and consult the comprehensive technical manual or contact customer support with the code.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service requests, please contact Junkers customer service or an authorized service center.

- **Manufacturer:** Bosch Thermotechnik GmbH (Junkers)
- **Customer Service:** Customer Service
- **Email:** Thermotechnik-Info@de.bosch.com
- **Phone:** +49 1806 337 333
- **Address:** Junkersstr. 20-24, 73249 Wernau, Germany
- **EPREL Registration Number:** 130943
- **EPREL Link:** <https://eprel.ec.europa.eu/qr/130943>

Please have your model number (WTD15-3AME) and reference number (7736504884) available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question