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> Junkers Hydrocompact WTD18AM Thermostatic Water Heater User Manual

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Model: WTD18AM | Brand: Junkers

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Junkers Hydrocompact WTD18AM Thermostatic Water Heater. Please read this manual thoroughly before attempting to install or operate the appliance and retain it for future reference.



Image: The Junkers Hydrocompact WTD18AM thermostatic water heater, a white rectangular unit with a circular digital display and control buttons on the lower front panel.

2. IMPORTANT SAFETY INFORMATION

Failure to follow these instructions could result in property damage, personal injury, or death. This appliance must be installed and serviced by a qualified professional in accordance with all local codes and regulations.

- **Gas Safety:** This appliance uses butane gas. Ensure proper ventilation and check for gas leaks regularly. Do not store flammable materials near the water heater.
- **Water Temperature:** Hot water can cause severe burns. Exercise caution when setting the temperature.
- **Electrical Safety:** If applicable, ensure the appliance is properly grounded. Do not operate with damaged wiring.
- **Children and Pets:** Keep children and pets away from the appliance during operation.
- **Modifications:** Do not modify the appliance or its components. Use only genuine replacement parts.

3. SETUP AND INSTALLATION

Installation of the Junkers Hydrocompact WTD18AM water heater must be performed by a certified technician. Incorrect installation can lead to hazardous conditions and void the warranty.

1. **Location:** Install the unit on a solid wall, ensuring adequate clearance for ventilation and maintenance. The unit is designed for wall mounting.
2. **Gas Connection:** Connect the appliance to a butane gas supply line. Ensure all connections are sealed and tested for leaks.
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Install shut-off valves for isolation.
4. **Flue System:** Install the appropriate flue system for exhaust gases. The modulating fan automatically adjusts to the exhaust requirements.
5. **Initial Startup:** After installation, purge air from the gas and water lines. Follow the specific startup procedure outlined in the full installation guide provided with the product.

4. OPERATING INSTRUCTIONS

The Junkers Hydrocompact WTD18AM features thermostatic temperature control for consistent hot water delivery and a modulating fan for efficient operation.

- **Power On/Off:** Locate the main power switch (if applicable) and the gas supply valve. Turn them to the 'ON' position.
- **Temperature Setting:** Use the control panel on the front of the unit to adjust the desired hot water temperature. The thermostatic control will maintain this temperature.
- **Water Flow:** Open a hot water tap. The unit will automatically ignite and begin heating water. The modulating fan will adjust its speed based on the water flow and heating demand.
- **Energy Efficiency:** The unit is designed for efficiency, potentially saving up to 35% on gas and 1.5 liters of water each time a tap is opened, compared to less efficient models.
- **Shutdown:** To turn off the unit, close the gas supply valve and turn off the main power switch.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. All maintenance should be performed by a qualified service technician.

- **Annual Inspection:** Have the unit inspected annually by a qualified technician. This includes checking the burner, heat exchanger, flue system, and gas connections.
- **Cleaning:** Keep the exterior of the unit clean. Do not use abrasive cleaners.
- **Ventilation:** Ensure that the area around the water heater is clear and that ventilation openings are not obstructed.
- **Water Quality:** In areas with hard water, periodic descaling may be necessary to maintain efficiency. Consult a technician for this procedure.

6. TROUBLESHOOTING

Before contacting customer support, review the following common issues and their potential solutions. For complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
No hot water	Gas supply off, pilot light out (if applicable), water pressure too low, unit not powered.	Check gas supply, reignite pilot (if applicable), ensure adequate water flow, check power connection.
Water not hot enough	Temperature setting too low, mineral buildup, insufficient gas pressure.	Increase temperature setting, consider professional descaling, check gas pressure.
Unit not igniting	No gas, faulty igniter, blocked flue.	Verify gas supply, contact technician for igniter or flue inspection.
Unusual noises	Mineral buildup, loose components.	Contact a qualified technician for inspection and cleaning.

7. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Junkers
Model Number	Hydrocompact WTD18AM
Capacity	18 liters per minute
Power Source	Butane Gas
Mounting Type	Wall-mounted
Item Weight	10 Kilograms
Package Dimensions	74 x 44 x 24.2 cm
Thermostatic Control	Yes
Modulating Fan	Yes
International Article Code	04051516734657

8. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the warranty card included with your product or contact Junkers customer service. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please contact your local authorized Junkers dealer or service center. Information regarding spare parts availability is not provided in this document; please consult your dealer.

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

Answered questions about this manual

Can the Junkers Hydrocompact WTD18AM water heater be operated without a flue (chimney)?

No, the Junkers Hydrocompact WTD18AM cannot be operated without a flue (chimney) system. According to the manual, the installation of an appropriate flue system for exhaust gases is a mandatory requirement for the following...

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