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MAXXMEE XT-20 ME-3

MAXXMEE Compact Instantaneous Water Heater User Manual

Model: XT-20 ME-3 | Brand: MAXXMEE

1. INTRODUCTION

Thank you for choosing the MAXXMEE Compact Instantaneous Water Heater. This device is designed to provide warm water instantly without the need for preheating or a large water reservoir. Its compact size and stainless steel design make it suitable for various applications, including garages, camping, and outdoor use.

Key features include:

- Warm water in seconds without preheating and water reservoir.
- High quality stainless steel design with accurate LED temperature display.
- IPX4 rating, making it ideal for garage, camping, and similar environments.
- High performance with a very compact size, ensuring easy assembly.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the device's voltage (230V) and wattage (3300W). Always connect to a properly grounded outlet. Do not use extension cords.
- **Water Pressure:** This device is sensitive to water pressure. Ensure your water supply pressure is within acceptable limits for instantaneous water heaters. Excessive pressure can damage the unit.
- **Installation:** Installation must be performed by a qualified professional in accordance with local electrical and plumbing codes. Do not attempt to install if you are not qualified.
- **Water Temperature:** The device heats water up to a certain temperature. Be cautious of hot water to prevent scalding.
- **Outdoor Use:** While rated IPX4, protect the unit from direct heavy rain or prolonged exposure to harsh weather conditions.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- MAXXMEE Compact Instantaneous Water Heater Unit
- Universal Adapter
- Brass Adapter (M22/M24)
- Hose connection adapter (if applicable)
- Instruction Manual





Figure 3.1: Exploded view showing the main unit, brass connectors, and various adapters for water connection.



Figure 3.2: Product packaging illustrating the various connection options and technical details.

4. SETUP AND INSTALLATION

The MAXXMEE Compact Instantaneous Water Heater is designed for easy self-assembly. However, for electrical connections, it is highly recommended to consult a qualified electrician.

1. **Choose Location:** Select a suitable location near a cold water supply and a power outlet. Ensure the location is protected from extreme weather conditions, even with its IPX4 rating.
2. **Water Connection:**
 - Connect the water heater to your cold water tap using the appropriate adapter (Universal Adapter or Brass Adapter M22/M24).

- Ensure all connections are tight to prevent leaks. Use thread seal tape if necessary.
- For garden hose connections, use the provided hose connection adapter.



Figure 4.1: Example of water heater connected to a standard faucet with a hose attachment.



Figure 4.2: The water heater installed in an outdoor setting, connected to a garden hose for various uses.

3. Electrical Connection:

- Plug the device into a grounded electrical outlet.
- Ensure the circuit can handle the 3300W power consumption.

4. **First Use (Priming):** Before turning on the power, open the water tap and let water flow through the unit for at least 30 seconds to ensure all air is purged from the system. This prevents dry heating and damage to the heating element.

5. OPERATING INSTRUCTIONS

Once installed and primed, operating the MAXXMEE water heater is straightforward:

1. **Turn on Water:** Open the cold water tap connected to the instantaneous water heater. Water will begin to flow through the unit.
2. **Power On:** Plug the unit into the electrical outlet. The LED display will illuminate, showing the current water temperature.

3. **Adjust Temperature:** The water heater automatically adjusts heating based on water flow. To achieve higher temperatures, reduce the water flow rate. The LED display will show the real-time temperature.



Figure 5.1: Adjusting the water flow to control the output temperature. The LED display shows the current temperature.



Figure 5.2: The internal heating coil and the digital display showing the water temperature (e.g., 37 degrees Celsius).

4. **Turn Off:** To stop the water heater, simply turn off the water tap. The unit will automatically power down.

Note: The maximum achievable temperature depends on the incoming water temperature and flow rate. Higher flow rates will result in lower temperatures, and vice-versa.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater.

- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** In areas with hard water, mineral deposits (limescale) can build up inside the unit. If you notice a decrease in performance or flow rate, descaling may be necessary. This procedure should ideally be performed by a qualified technician.
- **Filter Cleaning:** Check the inlet filter (if present) periodically for debris and clean it as needed.
- **Winterization (if applicable):** If the unit is used in an environment where temperatures drop below freezing, ensure it is completely drained of water to prevent damage from freezing.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No hot water / Water not heating	No power supply Insufficient water flow Air in the system Heating element failure	Check power connection and circuit breaker. Increase water flow rate. Purge air by running water through the unit for 30 seconds before powering on. Contact customer support for service.
Water is lukewarm / Not hot enough	Water flow rate too high Low incoming water temperature Limescale buildup	Reduce water flow rate. This is normal for very cold incoming water. Perform descaling or contact service.
Water leakage	Loose connections Damaged seals/gaskets Cracked housing	Tighten all water connections. Replace seals/gaskets. Discontinue use and contact customer support.
LED display not working	No power Internal fault	Check power connection. Contact customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	XT-20 ME-3
Brand	MAXXMEE
Manufacturer	Maxxmee
Part Number	04900
Dimensions (L x W x H)	10 x 10 x 10 cm
Item Weight	1.07 kg
Colour	Silver
Material	Stainless Steel
Power Source	Corded Electric
Voltage	230 Volts
Wattage	3300 watts
Flow Rate	6 Liters Per Minute
IP Rating	IPX4
Special Features	Compact Design, Stainless Steel, Fast Heating System

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact MAXXMEE customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: Maxxmee

Contact Information: Please refer to the contact details provided on the product packaging or the official MAXXMEE website.

UPC: 4052926049003



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