

## MISTRAL MSH708

# Mistral MSH708 Instant Water Heater User Manual

Model: MSH708

## 1. IMPORTANT SAFETY INFORMATION

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Please read all instructions carefully before installation and use. Retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Professional Installation Required:** Installation must be performed by a qualified electrician and plumber in accordance with local regulations and safety standards.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications (230V~50/60Hz, 3.3kW). The unit must be properly earthed.
- **Water Pressure:** Operate within the specified water pressure range (Min. 13.8kPa / 2p.s.i., Max. 0.3MPa / 43.5p.s.i.).
- **Anti-Scald Device:** This unit is equipped with an anti-scald device for user safety. Do not tamper with it.
- **Splash Proof:** The unit is designed to IP25 standard, providing protection against water splashes. However, do not immerse the unit in water.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 2. PRODUCT OVERVIEW

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The Mistral MSH708 is an instant water heater designed for efficient and safe hot water delivery. It features a full copper inner tank for durability and excellent heat transfer, an anti-scald device for user protection, and a splash-proof IP25 standard rating.

The unit comes with a sliding shower set for convenience. The main control knob allows for power adjustment.



**Figure 2.1: Mistral MSH708 Instant Water Heater Components and Specifications.** This image displays the main unit in silver/dark grey, a sliding shower set, and key features. It highlights the cold water inlet and hot water outlet connections. Technical specifications such as splash-proof IP25 standard, anti-scald device, full copper inner tank, minimum water flow rate (3.0L/min), minimum water pressure (13.8kPa / 2p.s.i.), maximum water pressure (0.3MPa / 43.5p.s.i.), and 15mm water connection diameter are listed. Electrical details include Voltage: 230V~50/60Hz and Power: 3.3kW. Product dimensions are also provided: Height 360mm, Width 240mm, Depth without knob 86mm, and Depth with knob 96mm.

### 3. INSTALLATION GUIDE

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Installation of the Mistral MSH708 instant water heater requires specialized knowledge in plumbing and electrical work. It is strongly recommended that installation be carried out by a qualified and licensed professional to ensure

safety and compliance with all local regulations.

### 3.1 Mounting the Unit

1. Choose a suitable location on a solid wall, ensuring sufficient space for maintenance and operation.
2. Mark the drilling points for the mounting screws based on the unit's dimensions (Height: 360mm, Width: 240mm).
3. Drill holes and insert wall plugs. Secure the unit firmly to the wall using appropriate screws.

### 3.2 Water Connection

1. Connect the cold water supply to the **Inlet** (blue arrow on diagram) of the water heater. The water connection diameter is 15mm.
2. Connect the hot water outlet to the shower head or other fixture from the **Outlet** (red arrow on diagram).
3. Ensure all connections are watertight using appropriate sealing materials.
4. Before connecting power, open the main water supply to the unit and allow water to flow through the heater and shower head to purge any air from the system. This prevents damage to the heating element.

### 3.3 Electrical Connection

1. Ensure the main power supply is switched off at the circuit breaker before making any electrical connections.
2. Connect the electrical wiring to the terminal block inside the unit, following the wiring diagram provided by the installer.
3. Verify that the voltage (230V~50/60Hz) and power (3.3kW) requirements are met by your electrical system.
4. Ensure proper earthing (grounding) of the unit.
5. Close the cover securely after wiring.

## 4. OPERATING INSTRUCTIONS

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### 4.1 First Use

1. Ensure the water heater is filled with water before switching on the power. Open the stopcock and allow water to flow through the shower head for a few minutes to ensure all air is expelled.
2. Switch on the electrical power supply to the water heater at the main circuit breaker.

### 4.2 Adjusting Water Temperature

1. Turn the control knob on the front panel of the heater to adjust the desired water temperature. Turning the knob clockwise typically increases the heating power and thus the water temperature.
2. The minimum water flow rate for operation is 3.0L/min. If the water flow is too low, the heater may not activate or may not reach the desired temperature.
3. Allow a few moments for the water to heat up to the selected temperature.

### 4.3 Shutting Down

1. Turn the control knob to the "OFF" position.
2. For extended periods of non-use, it is recommended to switch off the electrical power supply to the water heater at the main circuit breaker and close the water supply valve.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your Mistral MSH708 water heater. Always

disconnect the power supply before performing any maintenance.

## 5.1 Cleaning the Unit

1. Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface.
2. Ensure no water enters the internal components during cleaning.

## 5.2 Cleaning the Shower Head

1. Periodically clean the nozzles of the shower head to remove mineral deposits and ensure consistent water flow.
2. You can typically unscrew the shower head and soak it in a descaling solution (e.g., vinegar and water) if blockages are severe. Rinse thoroughly before reattaching.

## 5.3 Descaling (Internal)

Depending on water hardness, mineral deposits can accumulate inside the heater. Internal descaling should only be performed by a qualified technician.

## 6. TROUBLESHOOTING

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Before contacting customer service, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
No hot water / Water not heating	No power supply Insufficient water flow Heating element failure Anti-scald device activated	Check circuit breaker and power switch. Ensure water supply is fully open and flow rate is above 3.0L/min. Contact a qualified technician. Contact a qualified technician.
Water is not hot enough	Temperature knob set too low High incoming water temperature Low water flow rate	Adjust the temperature knob to a higher setting. This is an instant heater; the output temperature depends on the input temperature and flow. Ensure water flow is adequate.
Water leakage from unit	Loose connections Internal component damage	Immediately turn off power and water supply. Tighten connections if accessible and safe. Contact a qualified technician.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact a qualified service technician.

## 7. SPECIFICATIONS

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Model	MSH708
Type	Instant Water Heater

<b>Voltage</b>	230V~50/60Hz
<b>Power</b>	3.3kW
<b>Inner Tank Material</b>	Full Copper
<b>Splash Proof Standard</b>	IP25
<b>Minimum Water Flow Rate</b>	3.0L/min
<b>Minimum Water Pressure</b>	13.8kPa (2 p.s.i.)
<b>Maximum Water Pressure</b>	0.3MPa (43.5 p.s.i.)
<b>Water Connection Diameter</b>	15mm
<b>Product Dimensions (Height)</b>	360mm
<b>Product Dimensions (Width)</b>	240mm
<b>Product Dimensions (Depth w/o knob)</b>	86mm
<b>Product Dimensions (Depth with knob)</b>	96mm
<b>Color Options</b>	Silver, Dark Grey

## 8. WARRANTY AND SUPPORT

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Mistral products are manufactured to high-quality standards and are warranted against manufacturing defects. Please refer to the warranty card provided with your product for specific terms and conditions, including warranty period and coverage.

For technical support, service, or warranty claims, please contact your local Mistral authorized service center or the retailer from whom you purchased the product. Please have your model number (MSH708) and proof of purchase ready when contacting support.

**Manufacturer:** Mistral