

Ferroli RITA-FS 4.5TM

Ferroli RITA-FS 4.5TM Instant Water Heater User Manual

Model: RITA-FS 4.5TM

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Ferroli RITA-FS 4.5TM Instant Water Heater. Please read these instructions carefully before installation and use, and retain them for future reference.

The Ferroli RITA-FS 4.5TM is designed to provide instant hot water, featuring a built-in booster pump for areas with low water pressure, ensuring a continuous hot water flow.

2. SAFETY INFORMATION

Important Safety Instructions:

- Read all instructions before using this water heater.
- This appliance must be installed by a qualified technician in accordance with all local codes and regulations.
- Ensure the electrical supply matches the specifications of the unit (230 Volts, 4.5 Watts).
- Do not operate the water heater if it is damaged or malfunctioning.
- Do not block or restrict the water inlet or outlet.
- Always disconnect power before performing any maintenance or service.
- The water heater contains electrical components; avoid direct water spray on the unit.
- Maximum water pressure for operation is 6 bar (0.6 MPa).

3. PRODUCT FEATURES

- **Blue Forever Heating Element:** Patented technology designed to reduce scaling, increase heating efficiency, and prolong the life of the heating element.
- **Space Saving Design:** Vertical/horizontal design suitable for low-height bathrooms and false ceilings.
- **Colour Changing LED Indicator:** LED changes from red (heating) to blue (desired temperature)

reached).

- **Analog Temperature Display:** Allows monitoring of the water temperature inside the tank.
- **Triple Safety Features:** Ensures enhanced user protection.
- **Built-in Booster Pump:** Boosts water flow rate for continuous hot water, especially in low-pressure areas.

4. SETUP AND INSTALLATION

Installation of the Ferroli RITA-FS 4.5TM Instant Water Heater should only be performed by a certified professional to ensure safety and proper functionality.

4.1 Mounting the Unit

Select a suitable wall location, ensuring it is sturdy enough to support the unit and allows for easy access to water and electrical connections. Use appropriate fasteners for your wall type.



Figure 1: Rear view of the water heater showing mounting points and electrical connection area.

4.2 Water Connections

Connect the water inlet and outlet pipes. The inlet is typically marked with blue, and the outlet with red. Ensure all connections are watertight. A flow control valve is included for managing water flow.



Figure 2: Water inlet (blue) and outlet (red) connections on the underside of the unit.



Figure 3: Included flow control valve for water management.

4.3 Electrical Connection

Connect the water heater to a dedicated electrical circuit with appropriate earthing, as per local electrical codes. Ensure the power supply is off during connection.

5. OPERATING INSTRUCTIONS

Once installed and connected, operating your Ferroli RITA-FS 4.5TM is straightforward.



Figure 4: Front panel with control knob and indicators.

5.1 Powering On/Off

Turn the central knob clockwise from the 'OFF' position to power on the unit. To turn off, rotate the knob counter-clockwise to 'OFF'.

5.2 Adjusting Water Temperature

Rotate the central knob to select the desired heating level. The knob features settings from minimum to maximum heat. The analog temperature display will show the current water temperature inside the tank.



Figure 5: Detail of the temperature control knob.

5.3 LED Indicator

The LED indicator on the front panel will illuminate red when the water heater is actively heating. It will change to blue once the water has reached the set temperature.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your water heater.

- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Scaling:** The 'Blue Forever' heating element is designed to reduce scaling. However, in areas with very hard water, periodic descaling by a qualified technician may be beneficial.
- **Inlet Filter:** The unit has an inlet filter. Do not remove this filter when the unit is in use. Periodically check and clean the filter to prevent blockages and maintain water flow. Ensure power is disconnected before checking the filter.
- **Professional Inspection:** It is recommended to have the water heater inspected by a qualified technician annually.

7. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
No hot water	No power supply; thermostat tripped; heating element failure.	Check circuit breaker/fuse. Reset thermostat (if accessible). Contact service for element replacement.
Water not hot enough	Temperature setting too low; high water flow rate; scaling on element.	Increase temperature setting. Reduce water flow using the flow control valve. Contact service for descaling.
Low water flow	Clogged inlet filter; low incoming water pressure; blockage in pipes.	Clean the inlet filter (ensure power is off). Check household water pressure. Contact a plumber for pipe inspection.
Water leakage	Loose connections; damaged seals or internal components.	Immediately turn off power and water supply. Tighten connections. Contact a qualified technician for repair.

For issues not listed above or if solutions do not resolve the problem, please contact Ferroli customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Ferroli
Model Number	RITA-FS 4.5TM
Power Source	Electric
Wattage	4.5 Watts
Voltage	230 Volts
Colour	White
Special Features	Automatic Shut-Off, BPA Free, Smart, Built-in Booster Pump
Style Name	Indoor Installation
Included Components	Water Heater
Unit Count	1.00 Count
Manufacturer	Ferroli Heating (South Asia) Pvt Ltd.

9. WARRANTY AND SUPPORT

For warranty information, service requests, or technical support, please contact Ferroli directly.

Manufacturer Contact Information:

Ferroli Heating (South Asia) Pvt Ltd.

Evoma Prestige Featherline Tech Park, 148, 2nd phase, EPIP Zone, Whitefield, Bangalore-560066,
Karnataka, India

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Please have your model number (RITA-FS 4.5TM) and purchase details ready when contacting support.