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HENDI 230459

HENDI Automatic Water Softener Model 230459

Instruction Manual

1. INTRODUCTION

The HENDI Automatic Water Softener, Model 230459, is an advanced system designed for commercial use to effectively prevent limescale buildup in plumbing installations. This unit operates at 230V and 18W, ensuring efficient and reliable water treatment. By reducing mineral deposits, it helps extend the lifespan of your appliances and maintain optimal water flow.



Figure 1: Front view of the HENDI Automatic Water Softener, Model 230459.

2. SAFETY INFORMATION

This is a commercial product not intended for domestic use.

Always adhere to local regulations and safety standards during installation, operation, and maintenance. Disconnect power before performing any service or maintenance. Ensure proper grounding to prevent electrical hazards. Keep the unit away from direct sunlight and extreme temperatures.

3. PRODUCT FEATURES

- **Operating Pressure:** 1.5 - 6.0 bar
- **Ambient Operating Temperature:** 5 – 38 °C
- **Output for 10°dH:** 1200 Liters
- **Control Panel:** Allows configuration of operating time, regeneration time, and treated water quantity.
- **Automatic Lock:** Prevents unauthorized access to settings.
- **Child Lock:** Special function to prevent accidental changes.

4. SETUP AND INSTALLATION

The HENDI Automatic Water Softener is designed for installation on the main water line. It should be installed before the water line splits to the water heater or other plumbing fixtures to ensure all water entering the system is treated.

1. **Location Selection:** Choose a dry, level area with adequate space for installation and future access. Ensure the ambient temperature remains within 5 – 38 °C.
2. **Water Supply Connection:** Connect the unit to the main water supply line. Ensure all connections are secure and leak-free.
3. **Drain Connection:** Connect the drain line according to local plumbing codes.
4. **Electrical Connection:** Connect the unit to a grounded 230V electrical outlet.
5. **Initial Startup:** Follow the operating instructions to initiate the first regeneration cycle and configure settings.

Note on Iron Content: If your source water has iron levels exceeding 0.3 ppm, it is recommended to use an iron removal filter before the water softener to ensure optimal performance and longevity of the unit.

5. OPERATING INSTRUCTIONS

The unit features an intuitive control panel for managing its functions. Refer to the display and buttons for configuration.



Figure 2: Close-up of the control panel with display and buttons.

1. **Setting Operating Time:** Use the control panel to set the desired operating schedule for the unit.
2. **Configuring Regeneration Time:** Adjust the regeneration cycle frequency and duration based on your water hardness and usage.
3. **Adjusting Treated Water Quantity:** Set the volume of water to be treated before a regeneration cycle is initiated.
4. **Automatic Lock:** The system includes an automatic lock feature to prevent unintended changes to the settings. Consult the on-screen prompts for activation/deactivation.
5. **Child Lock:** Activate the child lock function through the control panel to secure settings from accidental tampering.

6. MAINTENANCE

The HENDI Automatic Water Softener Model 230459 is designed for minimal maintenance after initial setup. Regular checks are recommended to ensure optimal performance.

- **Periodic Inspection:** Visually inspect the unit and connections for any signs of leaks or damage.
- **Cleaning:** Keep the exterior of the unit clean and free from dust and debris. Use a soft, damp cloth for cleaning. Do not use abrasive cleaners.
- **Salt Level:** This unit operates using an ion exchange method, which typically requires salt for regeneration. Ensure the salt reservoir is adequately filled. Refer to the control panel for indicators and specific instructions on salt replenishment.

7. TROUBLESHOOTING

If you encounter issues with your HENDI Automatic Water Softener, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit not powering on	No power supply; loose connection	Check power cable and outlet. Ensure unit is properly plugged in.
Water still hard	Incorrect settings; low salt level; high iron content; unit malfunction	Verify control panel settings. Check and refill salt reservoir. Test water for iron levels and consider a pre-filter if needed. Contact support if problem persists.
Error message on display	Internal fault; sensor issue	Note the error code and consult the full product manual or contact customer support.

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

8. SPECIFICATIONS

Attribute	Detail
Manufacturer	HENDI
Model Number	230459
Product Dimensions	56 x 42 x 24.5 cm (22 x 16.5 x 9.6 inches)
Weight	9.94 kg (21.9 lbs)
Voltage	230 Volts
Power Consumption	18 Watts
Operating Pressure	1.5 - 6.0 bar

Attribute	Detail
Ambient Operating Temperature	5 – 38 °C
Flow Rate	5 Liters per minute
Capacity (10°dH)	1200 Liters
Material	Ceramic
Installation Method	Freestanding
Purification Method	Ion Exchange
Special Features	Child Lock

9. WARRANTY INFORMATION

HENDI products are manufactured to high-quality standards. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official HENDI website. Keep your proof of purchase for any warranty claims.

10. SUPPORT

For technical assistance, spare parts, or further inquiries regarding your HENDI Automatic Water Softener, please contact HENDI customer service. Contact details can be found on the HENDI website or in the documentation provided with your product.

HENDI Website: www.hendi.eu