Aquaphor RO-203

Aquaphor RO-203 Reverse Osmosis Water Filtration System User Manual

Model: RO-203 | Brand: Aquaphor

1. INTRODUCTION

The Aquaphor RO-203 Reverse Osmosis Water Filtration System is designed to provide pure, demineralized water for household and professional use. This system effectively removes heavy metals, nitrates, nitrites, bacteria, and softens water, ensuring high-quality drinking water and suitability for various appliances. This manual provides essential information for the correct installation, operation, and maintenance of your RO-203 system.

2. PRODUCT OVERVIEW AND COMPONENTS

The Aquaphor RO-203 system includes the main filtration unit, a 5-liter storage tank, a dedicated faucet, and a set of filters.

- Main Filtration Unit
- 5-Liter Water Storage Tank
- Dedicated Faucet for filtered water
- Filter Cartridges: K5 (mechanical pre-filter), K2 (sorption treatment), 2x RO-150S (reverse osmosis membranes)
- Connection Hoses and Fittings

Image 1: The Aquaphor RO-203 Reverse Osmosis Water Filtration System, showing the main unit with visible K2 and K5 filter cartridges, the integrated tank, and the accompanying chrome faucet.

Image 2: A view of the Aquaphor RO-203 system, highlighting the two RO-150 membrane cartridges within the unit.

3. SETUP AND INSTALLATION

The Aquaphor RO-203 system is designed for straightforward installation. It connects directly to your household water supply.

1. **Unpack Components:** Carefully remove all items from the packaging and ensure all parts listed in the product overview are present.

2. **Select Location:** Choose a suitable location under your sink or in a utility area, ensuring sufficient space for the unit (405 x 542 x 192 mm) and access for maintenance.

3. **Connect to Water Supply:** Follow the color-coded connections to link the system to your cold water line. A minimum water pressure of 1.9 bar is required for optimal performance.

4. **Install Faucet:** Mount the dedicated faucet on your sink or countertop according to the provided

instructions.

5. **Connect Drain Line:** Install the drain line to your sink's drain pipe to dispose of concentrate water.
6. **Insert Filters:** Ensure the K5, K2, and RO-150S filter cartridges are correctly inserted into their respective housings.
7. **Flush System:** Before first use, flush the system as per the detailed instructions in the full product manual to remove any manufacturing residues.

For detailed, step-by-step installation instructions, please refer to the comprehensive manual included with your product.

4. OPERATING INSTRUCTIONS

Once installed, operating the Aquaphor RO-203 system is straightforward.

- **Water Production:** The system automatically filters water when the storage tank level drops. It can filter up to 450 liters of water per day.
- **Tank Filling:** The 5-liter storage tank typically fills within 10-15 minutes, depending on incoming water pressure.
- **Dispensing Water:** To dispense filtered water, simply open the dedicated faucet.
- **Filtration Process:** The system employs four stages of filtration:

    a. **K5 Mechanical Pre-filter:** Removes larger particles like sand, rust, and sediment.
    b. **K2 Sorption Treatment:** Reduces chlorine, organic compounds, and heavy metals.
    c. **RO-150S Reverse Osmosis Membranes (x2):** Removes up to 99.99% of contaminants, including bacteria, viruses, nitrates, and dissolved solids.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Aquaphor RO-203 system.

- **Filter Replacement:** Filter cartridges have a limited lifespan and must be replaced periodically.

    - **K5 and K2 Filters:** Typically replaced every 3-6 months, depending on water quality and usage.
    - **RO-150S Membranes:** Typically replaced every 12-24 months, depending on water quality and usage.

    Always use genuine Aquaphor replacement filters to ensure proper function and warranty validity.
- **System Cleaning:** Periodically inspect the system for leaks or unusual wear. Clean the exterior with a soft, damp cloth. Do not use abrasive cleaners.
- **Sanitization:** It is recommended to sanitize the system annually or during filter changes, following the instructions in the full manual.

6. TROUBLESHOOTING

If you encounter issues with your Aquaphor RO-203 system, consider the following:

- **Low Water Flow:** Check if filters are due for replacement. Ensure adequate incoming water pressure (minimum 1.9 bar).
- **Unusual Taste/Odor:** This often indicates that filters, particularly the K2 carbon filter, need replacement.

- **Leaks:** Turn off the water supply immediately. Check all connections for tightness. Ensure O-rings are properly seated.
- **No Water Production:** Verify the water supply is open. Check if the system is properly connected and if the tank is full.

For more detailed troubleshooting steps or persistent problems, please consult the comprehensive manual or contact Aquaphor customer support.

7. SPECIFICATIONS

Feature	Specification
Model	RO-203
Daily Filter Capacity	Up to 450 Liters
Filter Cartridges Included	K5, K2, 2x RO-150S
System Dimensions (W x H x D)	405 x 542 x 192 mm
Storage Tank Capacity	5 Liters
Tank Filling Duration	10 - 15 minutes
Minimum Inlet Pressure	1.9 bar
Purification Method	Reverse Osmosis, Active Carbon, Mechanical Filtration
Item Weight	12 Kilograms

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card or documentation included with your Aquaphor RO-203 system.
Should you require technical assistance, replacement parts, or have any questions not covered in this manual, please contact Aquaphor customer support through their official website or the contact details provided in your product documentation.

Related Documents - RO-203

AQUAPHOR®
water filters
AQUAPHOR RO-101S, RO-102S
(in farther RO)
REVERSE OSMOSIS SYSTEM

OWNER'S MANUAL

[Aquaphor RO-101S, RO-102S Reverse Osmosis System Owner's Manual](#)
Comprehensive owner's manual for the Aquaphor RO-101S and RO-102S Reverse Osmosis Water Filtration System, covering installation, operation, maintenance, and troubleshooting.

[Aquaphor RO-70S RO-70S EU Reverse Osmosis System Operation Manual](#)

Comprehensive operation manual for the Aquaphor RO-70S and RO-70S EU reverse osmosis water filter systems. Learn about installation, technical specifications, maintenance, troubleshooting, and warranty.

[Aquaphor RO-202S Pro / RO-202S Pro EU Reverse Osmosis System Operation Manual](#)

Comprehensive operation manual for the Aquaphor RO-202S Pro and RO-202S Pro EU reverse osmosis water filtration systems, covering installation, operation, maintenance, safety, and warranty information.

[Aquaphor Pressure Boosting Unit (100 GPD) Operation Manual](#)

This manual provides instructions for the operation, installation, and troubleshooting of the Aquaphor Pressure Boosting Unit (100 GPD), designed to enhance water pressure and filtration rates for Aquaphor reverse osmosis systems.

[AQUAPHOR H20-C (RO PRO 100) Water Dispenser Instruction Manual](#)

Comprehensive instruction manual for the AQUAPHOR H20-C (RO PRO 100) water dispenser, covering features, installation, operation, maintenance, and troubleshooting.

[Aquaphor Water Filter Jug Operating Manual](#)

Comprehensive operating manual for Aquaphor water filter jugs, covering models Amethyst, Compact, Glass, Jasper, Lago, Onyx, and Time. Includes instructions for use, cartridge replacement, counter operation, cleaning, warranty, and manufacturer details.