Aquapro AIP-2 (5412202700179)

Aquapro AIP In-Line Filter Cartridge User Manual

Model: AIP-2 (5412202700179)

1. Introduction

The Aquapro AIP In-Line Filter Cartridge is designed to effectively filter impurities, sediments, and sand from water. This cartridge is ideal for improving water quality in various applications, including reverse osmosis systems. It serves as a pre-filtration stage, ensuring cleaner water before it passes through the osmosis membrane.



Image showing the Aquapro AIP In-Line Filter Cartridge, a white cylindrical unit with a threaded connection point visible at one end.

2. Safety Information

- Always turn off the main water supply before installing or replacing the filter cartridge.
- Ensure proper sealing to prevent leaks.
- Do not exceed the maximum pressure of 8.6 bar (125 psi) or maximum temperature of 38°C (100°F).
- Keep the filter away from direct sunlight and freezing temperatures.
- Use only for potable water applications.

3. Setup and Installation

The Aquapro AIP cartridge is designed for easy installation and replacement, integrating seamlessly into most in-line filtration systems, especially reverse osmosis units.

1. **Turn off Water Supply:** Locate the main water shut-off valve to your system and turn it off. Relieve any pressure in the lines by opening a nearby faucet.

2. **Identify Flow Direction:** The filter cartridge typically has an arrow indicating the direction of water flow. Ensure you install it correctly.
3. **Connect the Cartridge:** Connect the inlet side of the new cartridge to the outgoing water line from your previous filter stage or water source. Connect the outlet side to the next stage of your filtration system (e.g., reverse osmosis membrane). Use appropriate fittings and ensure they are securely tightened to prevent leaks.
4. **Flush the Filter:** Slowly turn on the water supply. Allow water to flow through the new cartridge for approximately 5-10 minutes to flush out any carbon fines or air. This initial flush ensures optimal performance.
5. **Check for Leaks:** Carefully inspect all connections for any signs of leaks. Tighten fittings as necessary.

4. Operating Instructions

Once installed, the Aquapro AIP In-Line Filter Cartridge operates automatically as part of your water filtration system. It continuously filters impurities, sediments, and sand from the water passing through it.

- Ensure the water flow rate does not exceed 2.2 liters per minute for optimal filtration.
- Maintain water pressure within the recommended range of 8.6 bar (125 psi) maximum.
- Operate within the specified temperature range of 38°C (100°F) maximum.

5. Maintenance

The primary maintenance for the Aquapro AIP In-Line Filter Cartridge is timely replacement.

Filter Replacement

- **Lifespan:** The cartridge has a lifespan of approximately 6800 liters (1800 gallons) or 6-12 months, whichever comes first. Actual lifespan may vary based on water quality and usage.
- **Replacement Indicators:** Replace the cartridge when you notice a significant decrease in water flow, a decline in water quality, or after the recommended lifespan has passed.
- **Replacement Procedure:** Follow the installation steps in Section 3 in reverse to remove the old cartridge, and then install the new cartridge as described. Remember to flush the new filter thoroughly.

6. Troubleshooting

- **Reduced Water Flow:** This typically indicates that the filter cartridge is clogged and needs replacement. Ensure the water supply is fully open.
- **Leaks at Connections:** Turn off the water supply and carefully tighten all fittings. If leaks persist, check for damaged O-rings or cracked fittings.
- **Poor Water Quality:** If water quality does not improve after installation, ensure the filter is installed in the correct flow direction. If the filter is old, it may need replacement.

7. Specifications

Feature	Specification
Model Number	AIP-2 (5412202700179)
Material	Plastic
Product Benefits	Impurity, Sediment, and Sand Elimination

Feature	Specification
Max Flow Rate	2.2 liters / minute
Max Pressure	8.6 bar (125 psi)
Max Temperature	38°C (100°F)
Lifespan	6800 liters (1800 gallons) or 6-12 months
Compatibility	Most in-line filtration systems, especially osmosis systems
Manufacturer	Aquapro
Country of Origin	France

8. Warranty and Support

For warranty information or technical support regarding your Aquapro AIP In-Line Filter Cartridge, please contact your retailer or the manufacturer directly. Keep your proof of purchase for any warranty claims.
Manufacturer: Aquapro
Contact details can typically be found on the product packaging or the official Aquapro website.

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