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PRO+AQUA FC-9-PF

PRO+AQUA FC-9-PF SED/GAC Filter Replacement Manual

For WS-P-REG-KITV2 RV Water Softener

1. Introduction

This manual provides instructions for the proper installation and maintenance of the PRO+AQUA FC-9-PF SED/GAC Filter Replacement cartridge. This filter is specifically designed for use with the PRO+AQUA WS-P-REG-KITV2 Portable RV Water Softener Regeneration Kit. The FC-9-PF cartridge features a 2-in-1 filtration design, combining a sediment pre-filter with granular activated carbon (GAC) to reduce sediment, chlorine, bad taste, and odors from your water supply.



Image 1.1: The PRO+AQUA FC-9-PF SED/GAC Filter Replacement cartridge.

2. Important Safety Information

- Always turn off the main water supply before attempting any installation or maintenance on your water filtration system.
- Depressurize the system before opening any filter housings to prevent water spray and potential injury.
- Use appropriate tools and follow all instructions carefully.
- Ensure all connections are secure to prevent leaks.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

3. Product Compatibility

The PRO+AQUA FC-9-PF filter cartridge is designed exclusively for the PRO+AQUA WS-P-REG-KITV2 RV water

filtration system. It is **not compatible** with older WS-P-REG-KIT models that feature white caps or use standard-sized filters. Verify your system has a black-cap housing for proper fit and function.



Image 3.1: Visual guide for system compatibility. The FC-9-PF filter is compatible only with black-cap systems (top) and not with white-cap systems (bottom).

4. Installation Instructions (Filter Replacement)

Follow these steps to replace the FC-9-PF filter cartridge in your WS-P-REG-KITV2 system:

1. **Turn Off Water Supply:** Locate the main water inlet valve to your RV or the water source connected to your WS-P-REG-KITV2 system and turn it off completely.
2. **Depressurize System:** Open a nearby faucet or the pressure relief button on the filter housing (if available) to release any built-up pressure in the system.
3. **Unscrew Filter Housing:** Using the provided filter wrench (if applicable) or by hand, carefully unscrew the filter housing from the system. Place a bucket underneath to catch any residual water.
4. **Remove Old Filter:** Discard the old FC-9-PF filter cartridge.

5. **Clean Housing:** Rinse the inside of the filter housing with clean water. Inspect the O-ring for any damage or wear. Replace if necessary.
6. **Insert New Filter:** Unwrap the new PRO+AQUA FC-9-PF filter cartridge and carefully insert it into the filter housing. Ensure it is seated correctly in the center.
7. **Lubricate O-ring:** Apply a thin layer of food-grade silicone grease to the O-ring to ensure a proper seal.
8. **Reattach Housing:** Screw the filter housing back onto the system. Hand-tighten until snug, then use the filter wrench for an additional quarter to half turn. Do not overtighten.
9. **Restore Water Supply:** Slowly turn on the main water supply. Check for any leaks around the filter housing. If leaks occur, turn off the water, depressurize, and re-tighten the housing.
10. **Flush System:** Allow water to run through the system for several minutes (e.g., 5-10 minutes) to flush out any air and fine carbon particles. The water may appear cloudy initially; this is normal and will clear up.



Image 4.1: The FC-9-PF filter cartridge, ready for installation.

5. Operation

Once installed and flushed, the PRO+AQUA FC-9-PF filter operates automatically as water flows through your WS-P-REG-KITV2 system. The filter will continuously reduce sediment, chlorine, and improve taste and odor. Monitor water flow and quality to determine when filter replacement is needed.

6. Maintenance

The FC-9-PF filter cartridge is designed for long-lasting use, typically a full camping season, depending on water quality and usage. Replace the filter when you notice a decrease in water flow, a return of unpleasant tastes or odors, or at the beginning of each new camping season to ensure optimal performance.

7. Troubleshooting

- **Reduced Water Flow:** This often indicates a clogged filter. Replace the FC-9-PF cartridge. Ensure the main water supply is fully open and there are no kinks in hoses.
- **Unusual Taste or Odor:** If tastes or odors return, the carbon media in the filter may be exhausted. Replace the FC-9-PF cartridge. Ensure the system was properly flushed after the last installation.
- **Leaks from Housing:** Turn off water supply, depressurize, and check the O-ring for proper seating, damage, or dryness. Lubricate with food-grade silicone grease if dry. Ensure the housing is tightened securely but not overtightened.

8. Specifications

Model Number	FC-9-PF

Brand	PRO+AQUA
Compatible System	PRO+AQUA WS-P-REG-KITV2
Material	Carbon
Product Dimensions	2.5"D x 2.5"W x 10"H
Item Weight	8 ounces
Filtration Stages	2-in-1 (Sediment & GAC)
External Testing Certification	NSF

9. Customer Support

For further assistance, technical support, or warranty inquiries regarding your PRO+AQUA FC-9-PF filter or WS-P-REG-KITV2 system, please contact PRO+AQUA customer service. Refer to the contact information provided with your original product purchase or visit the official PRO+AQUA website.

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