

AFWFilters SF56S1210

AFWFilters 64,000 Grain Water Softener with Fleck 5600SXT Instruction Manual

Model: SF56S1210

INTRODUCTION

Welcome to your new AFWFilters water softener system. This manual provides essential information for the proper installation, operation, and maintenance of your 64,000 grain water softener with the Fleck 5600SXT digital metered controller. Please read this manual thoroughly before beginning any procedures.

SAFETY INFORMATION

Important Safety Notice: Basic plumbing skills are required for the installation of this system. If you are uncertain about your ability to install the system correctly, it is strongly recommended to hire a qualified plumber.

All parts and connections must be thoroughly inspected for proper fit and condition before and during installation to prevent leaks or damage.

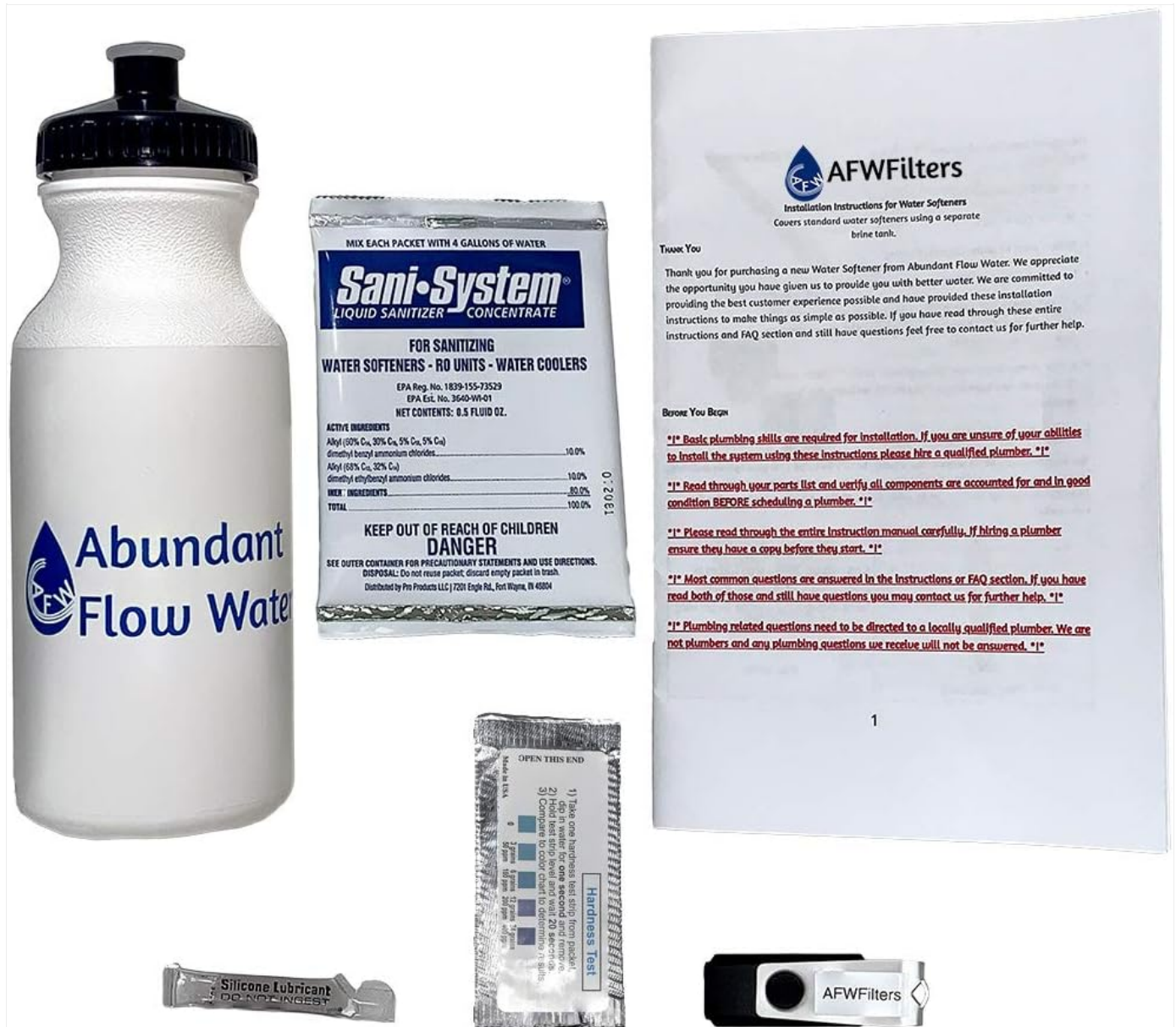
Please read this entire instruction manual carefully before beginning installation. It is advisable to keep a copy for future reference. For plumbing-related questions, consult a locally qualified plumber. AFWFilters does not provide plumbing services or advice.

PACKAGE CONTENTS

Verify that all components are present in your package:

- Durable Polyglass Resin Tank
- Upgraded 10% Crosslink Resin (may be pre-loaded or in separate bags)
- Fleck 5600SXT Digital Metered Controller
- Standard Brine Tank with Safety Float
- Bypass Valve with 1" Male NPT Connection
- Installation Kit:
 - Sanitizer Packet
 - Silicone Lubricant
 - USB Drive with System Specifications and Service Manuals

- Simplified Installation Instructions (written by a WQA Certified Water Specialist)
- AFWFilters Water Bottle



This image displays the complete installation kit provided with your AFWFilters water softener. It includes an AFWFilters branded water bottle, a Sani-System liquid sanitizer packet, a tube of silicone lubricant, a water hardness test strip, and a printed instruction manual.

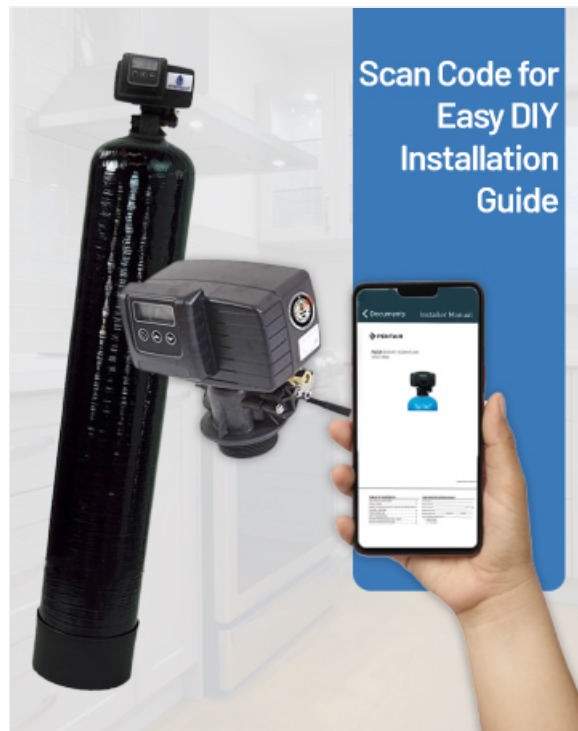


This image illustrates the primary components of the AFWFilters water softener system. It features the tall black resin tank topped with the Fleck 5600SXT digital control valve, the rectangular black brine tank, and two bags of 10% crosslink resin.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your water softener. Refer to the detailed instructions provided on the included USB drive and the simplified installation guide for comprehensive steps.

1. **Site Selection:** Choose a suitable location for the water softener, typically near the main water line entry point and a drain. Ensure adequate space for maintenance and salt replenishment.
2. **Pre-Installation Check:** Ensure all plumbing connections are clean and free of debris. Apply silicone lubricant to O-rings and seals as instructed in the detailed manual.
3. **Plumbing Connections:** Connect the bypass valve to your home's plumbing system using the 1" Male NPT connections. Always follow local plumbing codes and use appropriate sealing materials.
4. **Resin Loading (if applicable):** If the resin is not pre-loaded, carefully follow the instructions for adding the 10% crosslink resin to the polyglass tank. Ensure the distributor tube remains centered.
5. **Brine Tank Setup:** Position the brine tank and connect the brine line to the control valve. Ensure the safety float is correctly installed and functioning.
6. **Electrical Connection:** Plug in the Fleck 5600SXT controller into a grounded electrical outlet.
7. **Sanitization:** Use the provided sanitizer packet during initial startup to ensure a clean system. Follow the specific instructions for sanitization found in your manual.
8. **Initial Programming:** Refer to the Fleck 5600SXT manual on the USB drive for initial programming steps, including setting water hardness, time of day, and regeneration preferences.



This image shows the AFWFilters water softener unit, highlighting that a comprehensive installation booklet is provided to guide users through the setup process.



This image depicts a smartphone scanning a QR code, which provides access to an easy DIY installation guide for the AFWFilters water softener, shown in the background.

OPERATING INSTRUCTIONS

Your AFWFilters water softener with the Fleck 5600SXT digital metered controller is designed for efficient and user-friendly operation.

Fleck 5600SXT Digital Controller

The Fleck 5600SXT features a digital display and a paddlewheel meter. It regenerates based on actual water usage, optimizing salt and water efficiency.

- **Display:** The digital display shows current time, remaining capacity before the next regeneration, and the current regeneration cycle status.
- **Programming:** Adjust settings such as water hardness, time of day, and regeneration cycle frequency through the user-friendly interface. Consult the Fleck 5600SXT manual for detailed programming steps.
- **Regeneration:** The system automatically initiates regeneration cycles based on your water usage. You can also manually initiate a regeneration cycle if needed, typically by pressing and holding a specific button on the controller.

Bypass Valve

The bypass valve allows you to isolate the water softener from your plumbing system for maintenance or in case of an emergency without interrupting water flow to your home. Refer to the bypass valve instructions for proper operation and valve positions (service, bypass, and regeneration).

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your water softener.

Salt Level Monitoring

Periodically check the salt level in the brine tank. Maintain the salt level above the water line, ensuring it does not fall below one-quarter full. The standard brine tank holds over 200 pounds of salt, allowing for extended periods between refills.

Brine Tank Cleaning

It is recommended to clean the brine tank annually to remove any accumulated sediment or "salt mushing" that can impede proper operation. The safety float prevents overflows during regeneration, but regular cleaning is still advised.

Resin Bed Longevity

Your system includes upgraded 10% crosslink resin, which offers enhanced durability and chlorine resistance, extending its lifespan compared to standard resins. Proper operation and maintenance will maximize resin life.

System Sanitization

If the system is shut down for an extended period, or if you notice any unusual odors in your softened water, re-sanitize the system using a water softener sanitizer, such as the packet provided in your installation kit. Follow the sanitizer's instructions carefully.

TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting, refer to the Fleck 5600SXT service manual on the provided USB drive or contact AFWFilters customer support.

Problem	Possible Cause	Solution
Hard Water After Softener	Bypass valve open, no salt in brine tank, incorrect programming, clogged injector.	Check bypass valve position, add salt, verify programming, clean injector (refer to manual).
Excessive Water in Brine Tank	Clogged drain line, faulty brine valve, air leak in brine line.	Check drain line for obstructions, inspect brine valve for proper function, ensure all brine line connections are tight.
System Not Regenerating	Power outage, faulty meter, incorrect regeneration settings, control valve malfunction.	Check power supply, verify meter operation through the display, adjust programming, consult manual for control valve diagnostics.
Low Water Pressure	Clogged resin bed, restricted plumbing, debris in control valve.	Perform a manual backwash cycle, check for plumbing obstructions before and after the softener, inspect control valve for debris.

SPECIFICATIONS

Feature	Detail
Model Number	SF56S1210
Grain Capacity	64,000 grains
Resin Type	Upgraded 10% Crosslink Resin
Control Valve	Fleck 5600SXT Digital Metered
Brine Tank Capacity	Holds over 200 lbs of salt
Bypass Valve	Included, 1" Male NPT Connection
Dimensions (Resin Tank)	Approximately 12 x 12 x 48 inches

Feature	Detail
Item Weight	120 pounds
Manufacturer	AFWFilters

WARRANTY AND SUPPORT

Warranty Information

Your AFWFilters water softener comes with the following warranties:

- **Polyglass Resin Tank:** 10-year warranty.
- **Fleck 5600SXT Digital Metered Controller:** 5-year warranty.

Please retain your proof of purchase for all warranty claims. Warranty terms and conditions are detailed in the documentation provided with your system.

Customer Support

AFWFilters provides superior customer support for authorized systems. If you have questions or require assistance, you can contact a WQA Certified Water Specialist through:

- Phone
- Email
- Text
- Video Chat

Contact information can be found on the AFWFilters website or the documentation included with your system. Our specialists are available to ensure you have the best customer service experience.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question