

**FS-TFC S001**

# FS-TFC Inline Sediment Anti-Scale Filter Instruction Manual

Model: S001

## PRODUCT OVERVIEW

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The FS-TFC Inline Sediment Anti-Scale Filter is designed to provide cleaner water by reducing sediment and inhibiting scale formation. This reusable filter is suitable for various applications including washing machines, water heaters, garden hoses, and RVs. It features a standard 3/4" GHT thread for easy integration into existing water systems.

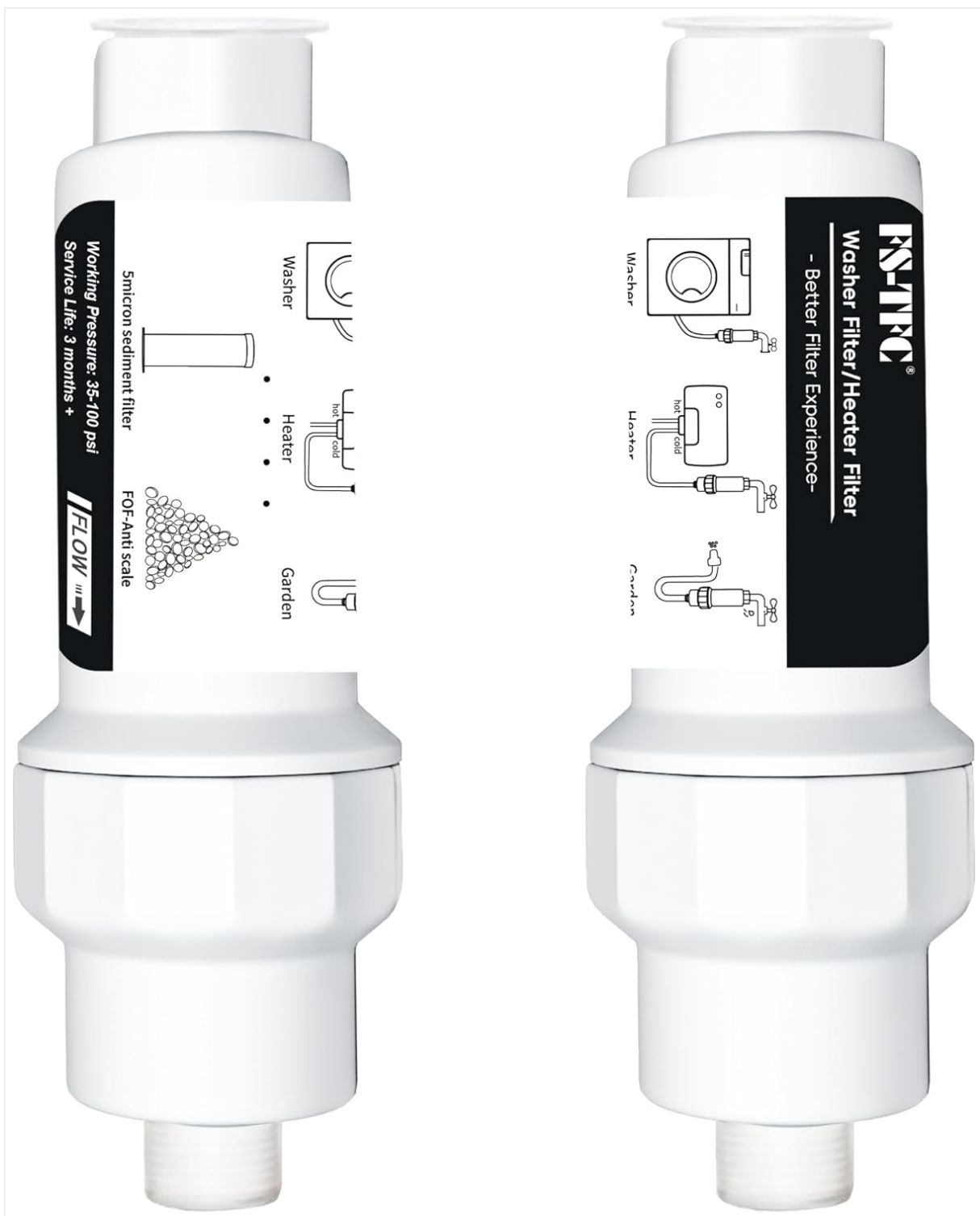


Image: FS-TFC Inline Sediment Anti-Scale Filter, showing its compact design and connection points.

## Key Features

- **Efficient Sediment and Anti-Scale Filtration:** Incorporates an anti-scale tablet and sediment composite filter to reduce sediment and inhibit scale buildup.
- **High Flow Rate:** Features a standard 3/4" GHT thread, supporting a flow rate of 10 GPM to maintain stable water pressure.
- **Reusable Design:** The filter housing is removable and refillable, allowing for replacement of filter media (ASIN: B0CNL51G8S) every 3-6 months.
- **Versatile Application:** Suitable for purifying various water sources including tap, well, and natural water. Ideal for misting systems, camping, industrial manufacturing, household appliances, and aquariums.

- **Durable Construction:** Designed with a thickened shell for good sealing, anti-pressure, and anti-fry properties to prevent leaks.



Image: Diagram illustrating the internal PP cotton and scale inhibitor components responsible for filtration.

## SETUP AND INSTALLATION

The FS-TFC Inline Sediment Anti-Scale Filter is designed for easy installation with standard 3/4" GHT connections.

### Installation Steps:

1. Ensure the water supply to the connection point is turned off.
2. Identify the male and female 3/4" GHT connections on the filter and your hose/appliance.
3. Apply Teflon tape to the threads of your hose or appliance connection for a secure, leak-free seal.
4. Connect the filter to your water source (e.g., garden faucet, washing machine inlet) and then connect your hose or appliance to the other end of the filter.
5. Tighten connections firmly by hand, then use an adjustable pliers for a final snug fit, being careful not to overtighten as the filter housing is made of ABS plastic.
6. Slowly turn on the water supply and check for any leaks. If leaks occur, tighten connections further or reapply Teflon tape.

# 6 points American 3/4 "GHT port (Garden hose connector)



Image: The FS-TFC filter installed on a garden faucet, demonstrating typical connection points for various applications.

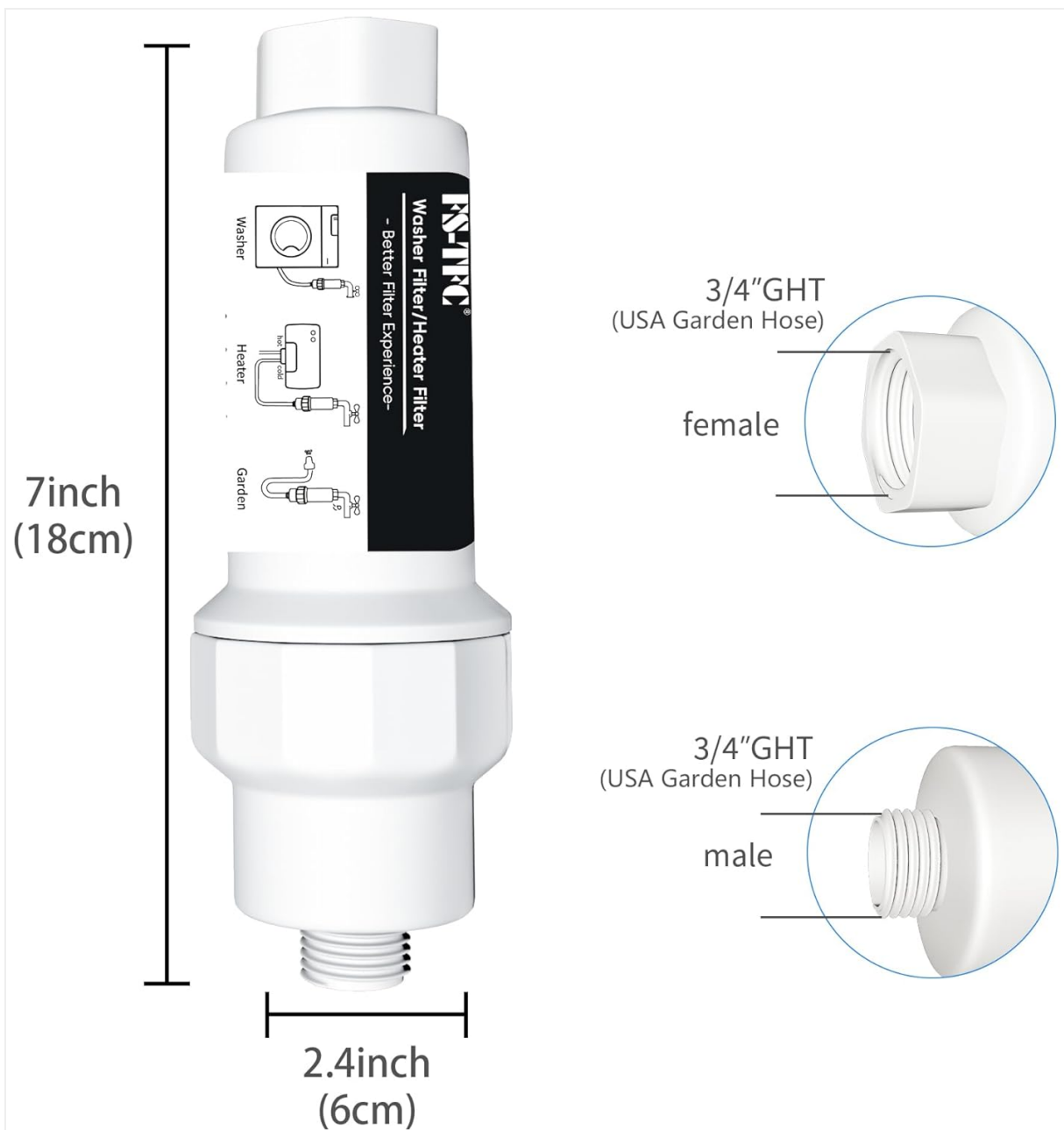


Image: Detailed view of the filter's dimensions and 3/4" GHT male and female connection types.

## OPERATING INSTRUCTIONS

Once installed, the FS-TFC Inline Sediment Anti-Scale Filter operates automatically as water flows through it. No special operation is required.

### Applications:

- **Washing Machines:** Connect to the water inlet hose to reduce sediment and scale, potentially extending appliance life and improving laundry results.
- **Water Heaters:** Install on the cold water inlet to help prevent scale buildup within the heater.
- **Garden Hoses:** Attach to outdoor faucets for cleaner water for gardening, pet bathing, or filling pools.
- **RVs and Boats:** Use for filtering water supply when camping or on marine vessels.
- **Misting Systems:** Provides filtered water to prevent clogging and improve performance.
- **Car Washing:** Helps reduce water spots on vehicles.





Image: Visual representation of the filter's application with washing machines, water heaters, and garden hoses.

## NSF Certificate Safety Material

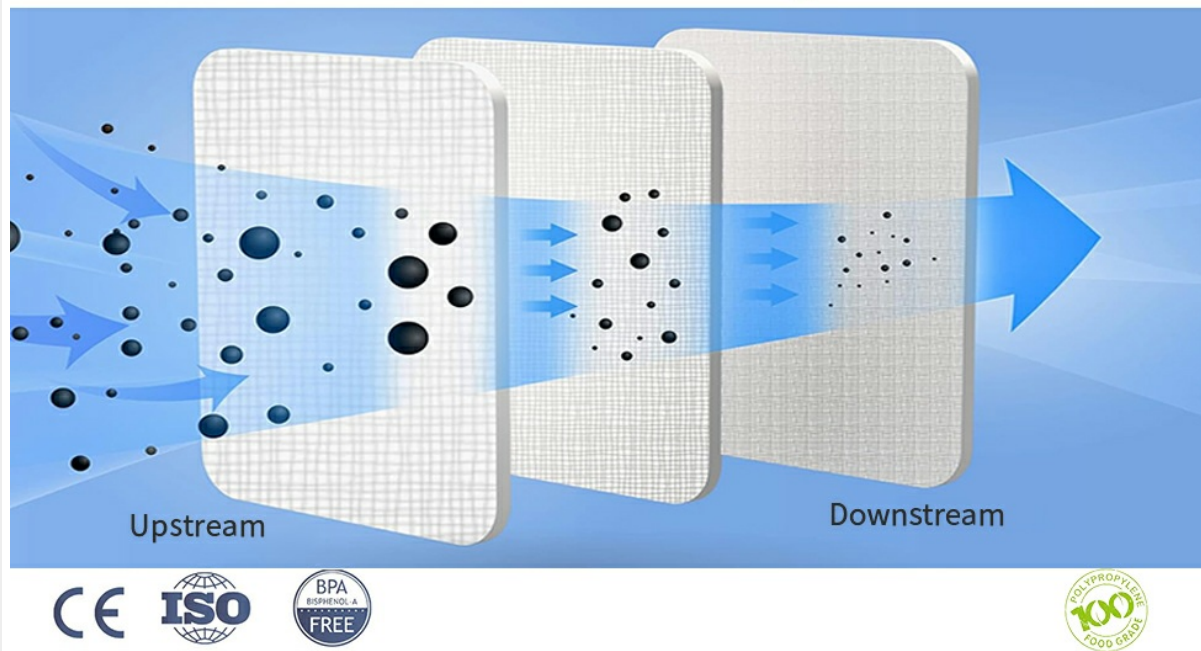


Image: Infographic detailing the filter's ability to reduce heavy metals, fluoride, chlorine, sediment, bacteria, and protozoa.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your FS-TFC filter. The primary maintenance task is replacing the internal filter media.

### Filter Media Replacement:

- The filter media should be replaced every 3-6 months, depending on water quality and usage.
- A visual indicator of filter media exhaustion is the color change of the PP filter from white to dark yellow or brown.
- Replacement filter material can be purchased using ASIN: [B0CNL51G8S](#).

### Steps to Replace Filter Media:

1. Turn off the water supply to the filter.
2. Disconnect the filter from your water system.

3. Unscrew the two halves of the filter housing.
4. Remove the old filter media. Dispose of it properly.
5. Insert the new filter media into the housing.
6. Screw the two halves of the filter housing back together tightly.
7. Reconnect the filter to your water system and slowly turn on the water supply, checking for leaks.

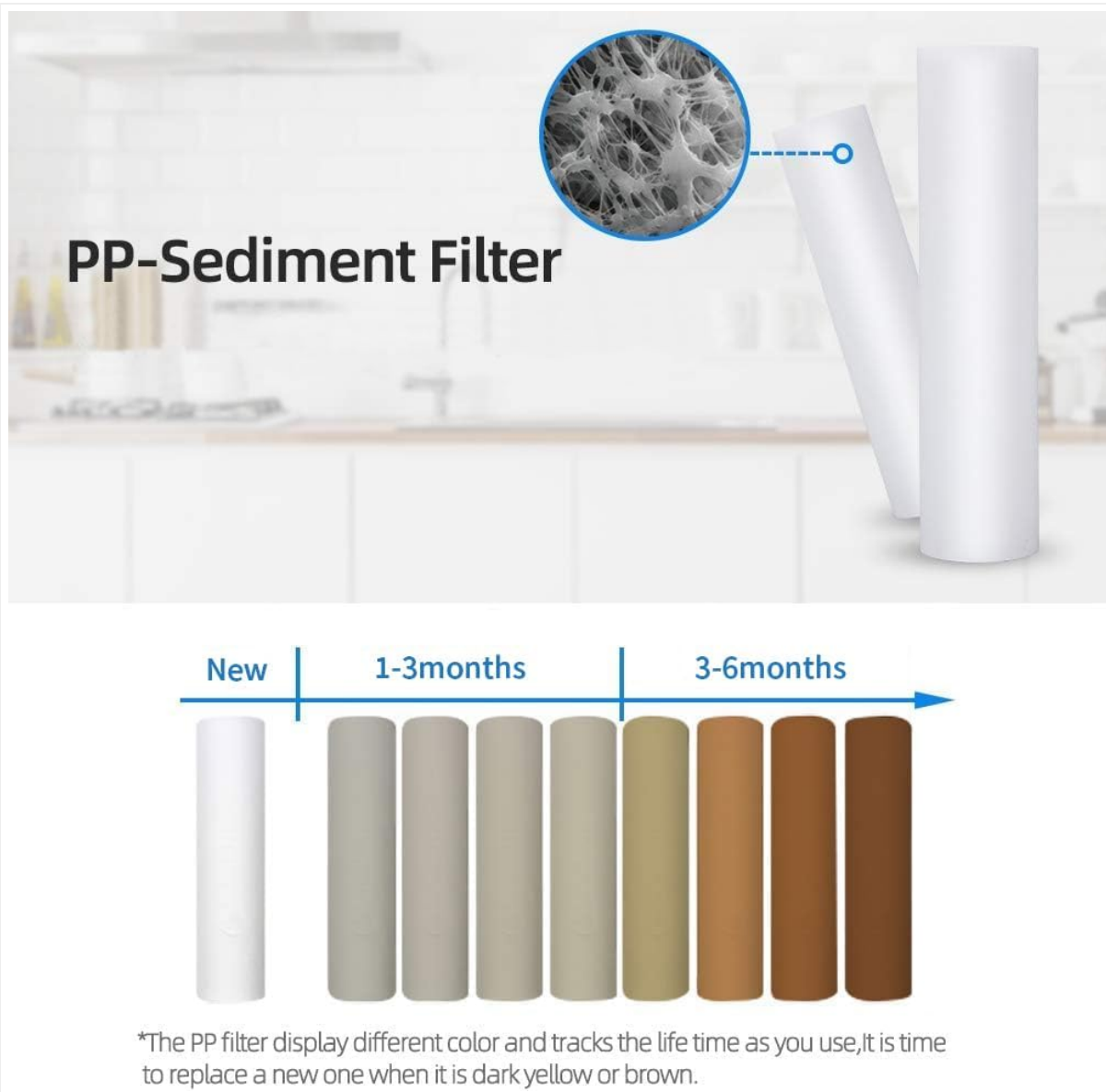


Image: Visual guide showing the PP filter's color progression from new (white) to needing replacement (dark brown) over 1-6 months.



Image: Diagram illustrating the removable and replaceable filter media within the housing.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Water Leakage	Loose connections, insufficient Teflon tape, damaged O-ring.	Ensure connections are tight. Reapply Teflon tape. Inspect O-rings for damage and replace if necessary.
Reduced Water Flow	Clogged filter media.	Replace the filter media. Check if the filter media has changed color significantly.
Filter not effectively reducing sediment/scale	Expired filter media, extremely high levels of contaminants.	Replace filter media. If issues persist, consider a more robust filtration system for your specific water conditions.

## SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Model Number	S001
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions (D x W x H)	2.36"D x 2.35"W x 6.98"H
Item Weight	6.4 ounces
Thread Type	3/4" GHT (Garden Hose Thread)
Flow Rate	10 GPM (Gallons Per Minute)
Product Benefits	Reduces Sediment, Anti-Scale
External Testing Certification	ANSI, NSF, CSA
Unit Count	2.0 Count (per pack)
Manufacturer	FS-TFC
Date First Available	November 16, 2023

## WARRANTY AND SUPPORT

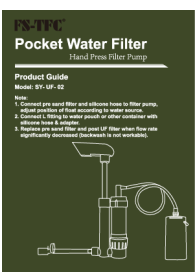
FS-TFC offers a Lifetime Happiness Guarantee for this product. This includes a lifetime warranty and customer service.

For any issues, questions, or support needs, please contact FS-TFC customer service. They are committed to resolving problems, replacing products, or issuing refunds as necessary.

For further assistance, please refer to the contact information provided with your product packaging or visit the official FS-TFC website.

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## Related Documents



### [FS-TFC Pocket Water Filter SY-UF-02: Portable Hand Press Filter Pump Guide](#)

Comprehensive product guide for the FS-TFC Pocket Water Filter (Model SY-UF-02). Learn about specifications, operation, cleaning, and maintenance of this portable hand press water filter pump for outdoor use.

