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› POOLPURE PFT-AF75 Cartridge Pool Filter Tank Instruction Manual

POOLPURE PFT-AF75

POOLPURE PFT-AF75 Cartridge Pool Filter Tank Instruction Manual

Model: PFT-AF75

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your POOLPURE PFT-AF75 Cartridge Pool Filter Tank. Please read this manual thoroughly before attempting to install or operate the filter system. Proper adherence to these instructions will ensure optimal performance and longevity of your filter.

The POOLPURE PFT-AF75 is designed for effective water purification in both above-ground and in-ground swimming pools, featuring a 75 square feet filtering area and a capacity to filter 4,500 gallons of water per hour.

2. SAFETY INFORMATION

Always observe basic safety precautions when installing and operating this product to reduce the risk of injury, fire, or electric shock.

- Read all instructions before using this product.
- Ensure the power supply to the pump is disconnected before performing any maintenance or installation.
- Do not operate the filter if any part is damaged or missing.
- Keep children away from the filter system during operation and maintenance.
- Always wear appropriate personal protective equipment (PPE) when handling pool chemicals or performing maintenance.
- Consult a qualified professional for electrical connections if you are unsure.

3. PRODUCT OVERVIEW

The POOLPURE PFT-AF75 Cartridge Pool Filter Tank is constructed from durable ABS material, offering resistance to corrosion, UV rays, and sun exposure. It features a high-efficiency filter element for superior water clarity.



Figure 1: POOLPURE PFT-AF75 Cartridge Pool Filter Tank

Key Features:

- **Durable ABS Construction:** Designed for superior resistance to corrosion, UV rays, and sun exposure, ensuring long-term outdoor use.
- **High-Performance Filtration:** Equipped with a 15um high-efficiency filter element and high-density pleated fiber to effectively remove particulate impurities.
- **Integrated Pressure Gauge:** Allows for easy monitoring of working pressure to ensure optimal performance.
- **Easy Installation and Maintenance:** Can be quickly assembled and disassembled without tools.



Figure 2: Product Dimensions and Performance Specifications for PFT-AF75



Figure 3: Durable ABS Construction for Long-Lasting Performance

4. SPECIFICATIONS

Specification	Value
Product Dimensions	8 x 8 x 22 inches
Item Weight	20.6 pounds
Manufacturer	POOLPURE
Item Model Number	PFT-AF75
Filter Area	75 Sq.ft

Specification	Value
Flow Rate	4500 gallons of Water per Hour (GPH)

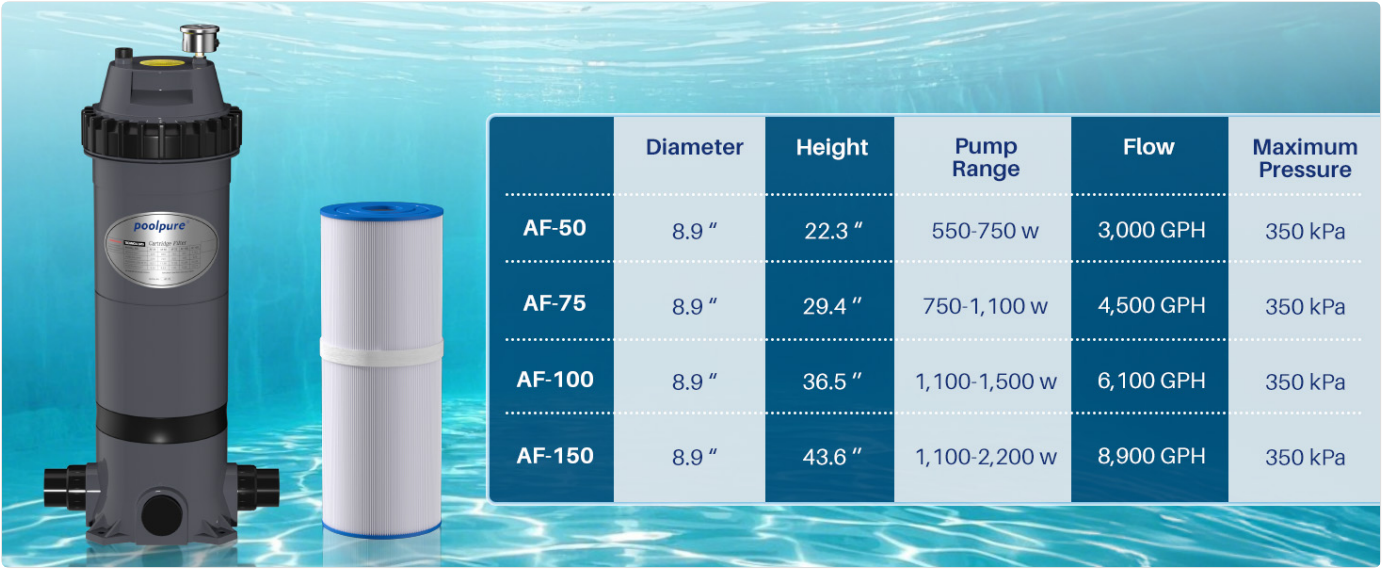


Figure 4: POOLPURE Cartridge Filter Model Comparison

5. INSTALLATION

The POOLPURE PFT-AF75 filter system is designed for easy assembly and installation. Follow these steps for proper setup:

1. **Placement:** Install the filter on a flat, solid surface next to your pool.
2. **Secure Mounting:** Use the four mounting holes on the base to secure the filter for long-term stability.
3. **Connect Inlet:** Connect the outlet port of your water pump to the inlet port of the filter system. The filter is equipped with 2-inch joints.
4. **Connect Outlet:** Connect the outlet of the filter system to the return line leading back to the pool.
5. **Seal Connections:** To prevent leaks, apply PVC glue to the drain plug threads and both union set connections to the housing. Also, apply glue to the pipe ends going into each union. *Note: Using glue makes future disassembly difficult.*

Simplify Your Pool Care

Effortless Operation, Time-Saving Efficiency



Figure 5: Simplified Installation Process

Installation Video Guide:

Video 1: How to install your POOLPURE pool filter cartridge. This video demonstrates the step-by-step process for installing the filter cartridge into the POOLPURE filter tank.

6. OPERATION

Once installed, the POOLPURE PFT-AF75 filter operates by drawing water from the pool through the pump and into the filter tank. The high-density pleated filter element traps particulate impurities, returning clean water to the pool.

- **Monitoring Pressure:** Regularly check the integrated pressure gauge. An increase in pressure indicates that the filter cartridge is accumulating debris and requires cleaning.
- **Optimal Flow:** The filter is designed to handle a flow rate of 4,500 GPH, ensuring efficient and rapid water purification for

various pool types.

High Quality Pressure Gauge

Easy Monitoring of Working Pressure



Figure 6: Pressure Gauge for Easy Monitoring

7. MAINTENANCE

Regular maintenance of your POOLPURE filter system is crucial for maintaining clear pool water and extending the life of the filter. The filter cartridge should be cleaned or replaced when the pressure gauge indicates a significant increase in pressure or when water flow decreases.

Filter Cartridge Cleaning and Replacement:

1. **Turn Off Pump:** Ensure the pool pump is turned off and disconnected from power before proceeding.
2. **Unscrew Lock Ring:** Carefully unscrew the lock ring at the top of the filter tank.
3. **Remove Filter Element:** Lift and remove the used filter element from the tank.

4. **Clean/Replace:** Rinse the filter element thoroughly with a hose to remove debris. If the filter is damaged or cannot be cleaned effectively, replace it with a new POOLPURE filter cartridge.
5. **Reinstall:** Confirm that the center pipe is properly installed, then place the clean or new filter element into the tank.
6. **Secure Lid:** Replace the lid and press it firmly into place. Screw down the lock ring. **DO NOT OVERTIGHTEN.**



Figure 7: Step-by-Step Filter Cartridge Replacement



Figure 8: Before and After Filter Cleaning

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your POOLPURE PFT-AF75 filter system.

• Low Water Flow:

- Check if the filter cartridge is dirty and needs cleaning or replacement.
- Ensure the pump is operating correctly and there are no blockages in the plumbing.

• High Pressure Gauge Reading:

- This indicates a dirty filter cartridge. Perform cleaning or replacement as described in the Maintenance section.

- **Water Leaks:**

- Check all connections for proper tightening.
- Inspect O-rings and gaskets for damage or improper seating. Replace if necessary.
- Ensure PVC glue was applied correctly during installation if used.

- **Cloudy Pool Water:**

- Clean or replace the filter cartridge.
- Check pool chemical balance.
- Ensure the filter system is running for an adequate amount of time daily.

9. WARRANTY AND SUPPORT

POOLPURE products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official POOLPURE website. If you encounter any issues or require technical assistance, please contact POOLPURE customer support.

Contact Information:

- **Manufacturer:** POOLPURE
- **Online Support:** Visit the [POOLPURE Store on Amazon](#) for more information and support resources.

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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

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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

