



# PFASARMOR Trio Media System

Designed to reduce forever chemicals at the point-of-entry in whole house applications

**Atlas Filtri® PFASARMOR Trio Media System is designed to reduce “Forever Chemicals” from water in the PFAS group of synthetic compounds PFOA/PFOS). It also reduces sediment\*, chlorine taste & odor\*, scale, & corrosion build-up\* in high flow, whole house applications.**

The second and third filtration stages include a 1 micron, 4.5” x 20” carbon block designed to reduce PFOA/PFOS, cysts\*, chemicals\*, VOC’s\*, chlorine taste & odor\*, and improve the clarity of the water throughout the entire house.

The first filtration stage includes a 5 micron, 4.5” x 20” sediment melt blown cartridge that includes the IAPMO Z601 certified ScaleArmor™. This media reduces scale build-up on pipes, dish washers, fixtures, washing machines, tankless and tank systems, while protecting against corrosion. The ScaleArmor™ incorporated into the center core of the filter is designed for a controlled release, and will last up to 12 months\*\* on typical water supplies up to 15 grains hard.

The wall mounted filtration unit can be installed at the point-of-entry of a house to accommodate flow rates up to 10 gpm. The unit is designed to handle a maximum pressure of 120 psi at 113°F (45°C). Standard inlet and outlet connections are 1”NPT (also available in 1.5” NPT). Standard head and housing are reinforced polypropylene. O-rings are EPDM.

Atlas Filtri is driven to providing our customers with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and development that result in new and innovative products.

Check out more about Atlas Filtri at [atlasfiltri.com](http://atlasfiltri.com).



DP BIG Trio Plastic Housing  
Metal Powder-Coated White Bracket, Filter Wrench, and Lubrikit+  
5 Micron Scale and Corrosion Reduction\* Filter  
1-Micron Carbon Block Filter certified to reduce PFOA/PFOS,  
Chlorine Taste & Odor\* and Chemicals\*

## Features

- Designed for high flow residential filtration applications
- Accommodates (3) standard 4.5” x 20” OD filter cartridges
- 1” NPT inlet and outlet fitting connections
- Includes pressure-relief feature with an O-ring seal  
No spring is used that can result in water leaks due to corrosion
- Knife-edge flat washers at both cartridge ends create a positive and seal eliminating by-pass
- Works with standard double open-ended cartridges with ScaleArmor™

## Specifications

- **Materials:**  
Head Connection: reinforced polypropylene  
Housing Construction: reinforced polypropylene  
Seal: EPDM O-Ring  
Filter Construction: polypropylene & carbon media  
Filter Media: ScaleArmor™
- **Working Conditions:**  
*Temperature Range:* 39°F - 113°F (4°C - 45°C)  
*Pressure Range:* 30 - 120 PSI (2.1 - 8.3 BAR)  
*Rated Service Flow Rate:* 4 gpm (15 lpm)  
*Maximum Flow Rate\*:* 10 gpm (38 lpm)  
*Rated Capacity:* 60,000 gallons @ 4 gpm flow rate  
*Pressure Drop @ 4 GPM Flow Rate:* 10 psi

- **Certifications:**



Certified by IAPMO R&T against NSF/ANSI 53 for PFOA/PFOS reduction claim.

\* Based on manufacturer's internal testing

\*\* Dependant on water conditions

## PHYSICAL SPECIFICATIONS & PERFORMANCE DATA

This system has been tested according to NSF/ANSI 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 53.

System Part Number	Description	Size	Fitting	Box Qty	Box Size	Weight
ZC1803764	PFASARMOR Trio Media System with Bracket, Gauges, Drain Kit, Wrench & LubriKit+	20"	1" NPT	1	18" x 24" x 8.5"	17.3 lb

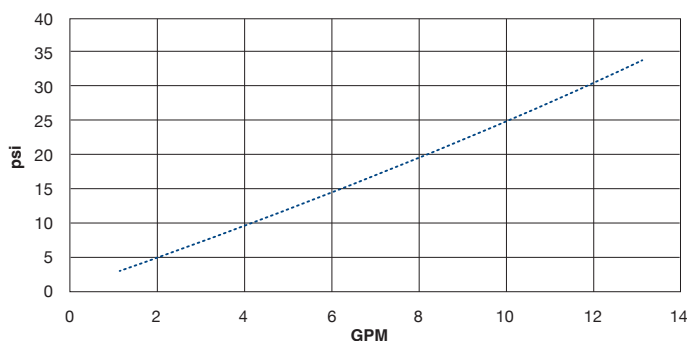
System conforms to NSF/ANSI 53 for the specific performance claims verified and substantiated by test data.

Cartridge Part Number	Description	Size	Micron Rating	Box Qty	Box Size	Weight
RA5777608	Sediment/ScaleArmor™ Filter Cartridge	4.5" x 20"	5	6	21.2" x 9.8" x 14.7"	14.2 lb
RE4520PFAS1	Carbon Block - PFOA/PFOS Reduction	4.5" x 20"	1	6	17.2" x 12.5" x 21.5"	42 lb

While testing was performed under standard laboratory conditions, actual performance may vary.

Spent adsorption media will not be regenerated and used.

### PFASARMOR Trio Media System



Substance	Influent challenge concentration (mg/L)	Maximum permissible product water concentration (mg/L)
Perfluorooctanoic acid (PFOA), and perfluorooctane sulfonate (PFOS)	0.0015 ± 10%	0.00007

## INSTALLATION GUIDE

**THIS INSTALLATION GUIDE IS NOT INTENDED TO BE USED AS ACTUAL INSTALLATION INSTRUCTIONS. PLEASE READ THE INSTRUCTION MANUAL THOROUGHLY AND CAREFULLY AND UNDERSTAND ITS CONTENTS BEFORE INSTALLATION AND USE OF YOUR FILTER HOUSING.**

- System and installation must comply with all state and local laws and regulations.
- Do not install on hot water supply lines. System is to be installed on cold water line only. The maximum operating water temperature of this system is 113°F.
- After the installation, run the tap and let the water flow for at least 5 minutes before use.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Install the products in sheltered rooms and protected from freeze and excessive heat.
- Before the installation, carefully lubricate the housing o-ring which is located at the sump top.
- Do not install near electric appliances.
- Make sure that there are no water leaks from the product. In case of leakage, open the housing, remove the o-ring from the sump, place a new o-ring and apply lubricant.

## LIMITED WARRANTY

This Warranty is offered by Atlas Filtri S.r.l. - Via del Santo, 227 - 35010 Limena (ITALIA), as the finished product supplier.

A) Limited Warranty: Atlas Filtri S.r.l. guarantees that each product is free of factory defects in normal use and maintenance conditions for a period of 12 months from the date of purchase with reference to the following exclusions and limitations:

B) Exclusions - The warranty offered by Atlas Filtri S.r.l. is not applicable in the following cases:

- wear and tear of cartridges and any component part of normal operations, including gaskets without limitations.
- Installation, tampering, modifications, negligent or incorrect maintenance, maintenance in conflict with the product instruction manual or perform by unskilled personnel.
- Installation and/or use of non original parts and other components.
- Product installation in unsuitable environments and/or in conditions not considered by the instruction manual.

C) Limitations - Atlas Filtri S.r.l. liability for this limited warranty is exclusively limited to the replacement of a product recognized as defective by the authorized dealer on business premises and during normal business hours, excluding shipping, installation and other repair costs. Defects and/or labor delays do not give rise to compensation or warranty extensions. TO THE MAXIMUM PERMITTED BY APPLICABLE LAW, ATLAS FILTRI S.r.l. CANNOT BE HELD LIABLE FOR ANY OTHER COST, LOSS OR DAMAGE, WHETHER DIRECT, ACCIDENTAL, PUNITIVE, CONSEQUENTIAL OR EXEMPLARY, THAT MAY ARISE IN ASSOCIATION WITH THE SALE OR USE OR IMPOSSIBILITY TO USE THE PRODUCT FOR ANY PURPOSE AND USE. This limited warranty is the sole solution and sole liability of Atlas Filtri S.r.l., for the warranty, contract or negligence reasons, for actual or alleged defects in Atlas Filtri S.r.l. product working conditions. EXCEPT FOR THAT SPECIFICALLY STATED HERETO, ANY WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OR MARKETABILITY OR SUITABILITY FOR SPECIAL PURPOSES, IS EXPRESSLY EXCLUDED. THESE WARRANTY STATEMENTS ARE EXCLUSIVE AND REPLACE ANY OTHER POSSIBLE SOLUTION.

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Atlas Filtri North America LLC  
 1068 North Farms Road, Building 3, Wallingford, CT 06492, USA  
 Office +1 (203) 284-0080 - Fax +1 (203) 294-9226 – email: atlasfiltrinorthamerica@atlasfiltri.com  
 A Company of the Atlas Filtri Group.  
 World headquarters located in Italy. Production facilities located in Italy & USA.