



FP-Series

THE WORLD'S FIRST NSF/ANSI 53
TOTAL PFAS REDUCTION



System tested and certified by NSF International against NSF/ANSI Standard 53 for the reduction of Total PFAS and against NSF/ANSI/CAN 372.

Product Specifications and Operation



NSF System Trade name	FP-10 FP-10S	FP-15 FP-15S	FP-17 FP-17S
Replacement Cartridge Name	FP-10R FP-10SR	FP-15R FP-15SR	FP-17R FP-17SR
Spec(mm)	94x109x287	94x109x408	94x109x471
Capacity	300gallons (1,136L)	530gallons (2,006L)	650gallons (2,461L)
Flow Rate	1.25 GPM at 60psi (4.6 LPM)		
Reduction Claims	Total PFAS		
Working Pressure	30 - 125 psi (2.1 – 8.6 kgf/cm ²)		
Water Temperature	35 - 100°F (2 - 38 °C)		
Media Filtration	Nominal 0.5 microns		

FEATURES . BENEFITS

- Sanitary cartridge replacement is simple, quick and clean; internal filter parts are never exposed to handling or contamination.
- Extrusion Carbon Block media for superior reduction capability is NSF/ANSI Standard 53 certified to reduce PFAS. Filter system provides premium quality water.

APPLICATIONS

- Drinking Fountain
- Combination Systems

Performance Data Sheet

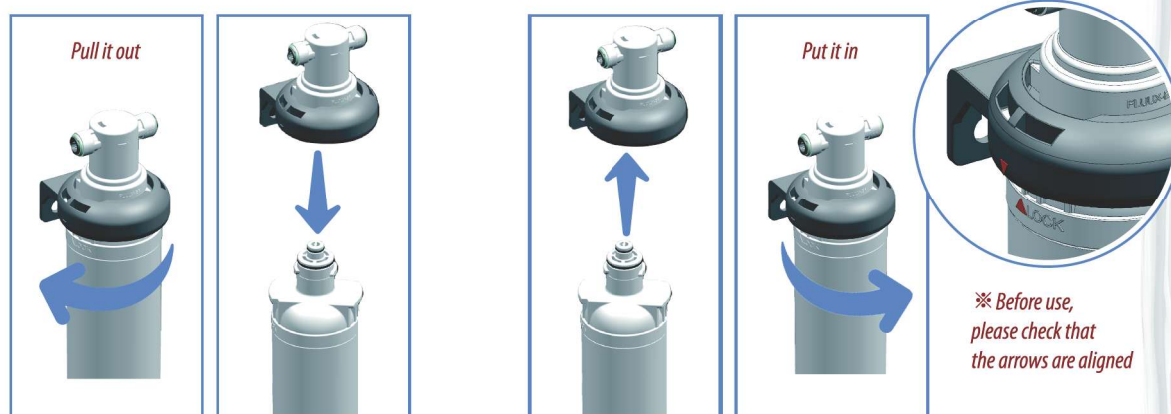
Substance	Influent Challenge Concentration(mg/L)	Maximum Effluent Concentration (mg/L)	Average % Reduction
Total PFAS**	0.00216 ± 20%	0.00002*	> 99 %
Perfluorooctanoic acid (PFOA), and perfluorooctane sulfonate (PFOS)	0.0015 ± 20%	0.00002*	> 99.8 %
Perfluoroheptanoic acid (PFHpA)	0.00004 ± 20%	0.00002*	> 93.5 %
Perfluorohexane sulfonic acid (PFHxS)	0.0003 ± 20%	0.00002*	> 98.8 %
Perfluorononanoic acid (PFNA)	0.00005 ± 20%	0.000006	> 90.5 %

* The test mixture for total PFAS is made up of PFOA (500 ppt), PFOS (1,000 ppt), PFHxS (300 ppt), PFNA (50 ppt), PFHpA (40 ppt), PFBS (260 ppt), and PFDA (10 ppt). However, PFBS and PFDA have not been included as individual contaminant reduction claims because current data indicate they do not occur at levels higher than their health advised levels established by states. Therefore, the average influent concentration for total PFAS is not equal to the sum of the average influent concentration values for the individual claims.

- While testing was performed under standard laboratory conditions, actual performance may vary depending on your usage conditions.
- Do not use with water that is microbiological unsafe or of unknown quality, Operating Specifications without adequate disinfection before or after the system.
- This system has been tested according to NSF/ANSI 53 for reduction of the substances listed above.
- 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.

Installation instructions

1. Shut off water and relieve line pressure.
2. Hold head firmly. Rotate the old cartridge counter clockwise 1/4 turn and pull it out.
3. Pull cartridge down and out of head
4. Hold head firmly. Insert new cartridge into the filter head.
5. Turn the new cartridge into the filter and rotate clockwise 1/4 until rotation clicks and stops. Make sure that the filter cartridge arrow on the top collar aligns with the arrow on the head.
6. Flush filter for 5 minutes before use or until water runs clear.



Warning

- For cold water only.
- Replace cartridge when flow rate becomes inconveniently slow or before rated capacity is reached.
- It is recommended to replace cartridge at least once a year.
- Microfilter Co., Ltd. recommends regularly scheduled maintenance and replacement of the filter cartridge(s) in order for the product to perform as advertised/sold.
- Improper installation and maintenance may result in property damage due to water leakage.
- The system and installation shall comply with applicable state and local regulations.
- To order replacement cartridge contact your local dealer or place where you purchase.
- If unused for more than 24 hours, flushing for at least 15 seconds before use.

Limited Warranty

- Water treatment systems by MICROFILTER (excluding replaceable elements) are covered by a limited warranty against defects in material and workmanship for a period of two(2) years after date of purchase.
- Replaceable elements (filter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and workmanship for a period of one(1) year after date of purchase.
- This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by MICROFILTER or failure to follow installation and use instructions.
- MICROFILTER will not be liable for any indirect, special, incidental, or consequential damages arising from the use of this Product.
- Proof of purchase (original sales receipt) must accompany the warranty claim, along with a complete description of the Product, model number and alleged defect.



Configuration of the cartridge cap and head of this product,
'FLUUX' is registered trademarks of MICROFILTER Co., Ltd.



Manufactured by MICROFILTER Co., Ltd.

T. 82-43-536-5221~4, F. 82-43-534-5105

#15-1, Gwinong 3-gil, Deoksan-eup, Jincheon-gun, Chungcheongbuk-do, 27856 Republic of Korea.