

FIX-Series

ICE MACHINE EXCLUSIVE WATER FILTER



Product Specifications

NSF Trade name	FIX-17 FIX-17S	FIX-21 FIX-21S
Replacement Cartridge Name	FIX-17R FIX-17RS	FIX-21R FIX-21RS
Overall Dimensions (mm)	94(W)x109(D)x478(H)	94(W)x109(D)x579(H)
Capacity	19,000 gallons (71,922L)	26,000 gallons (98,420L)
Service Cycle	6 months	
Flow Rate	2.5 GPM at 60psi (9.46 LPM)	
Reduction Claims	Bacteriostatic Effects, Nominal Particulate Class I, Cyst, Turbidity, Microplastics	
Working Pressure	30 - 125 psi (2.1 - 8.8 kgf/cm ²)	
Water Temperature	39 - 100°F (4 - 38°C)	
Media Filtration	Nominal 0.1 micron	
Inlet / Outlet size	3/8" Quick connect	

** S model is a product with Polyphosphate (Scale inhibitor)

** The capacity was determined through Microfilter's internal laboratory testing and has not been verified or certified by NSF. Actual service life may vary depending on water quality and usage conditions.

System tested and certified by NSF International against NSF/ANSI Standards 42/53/401/372 for reduction of Bacteriostatic Effects, Nominal Particulate Class I, Cyst, Turbidity, Microplastics Reduction.

Features . Benefits

- Through the Carbon Block chlorine bypass technology, residual chlorine bypassed during purification remains, effectively suppressing bacterial growth in the ice maker and ice.
- Physically reduces 99.9% of harmful substances like bacteria and microplastics, providing more hygienic water.
- Prevents scale formation, protects internal components from damage, and improves the quality, hygiene, and durability of both the ice and the equipment.
- The FIX filter is certified lead-free, meeting NSF/ANSI 372 standards. All water-contacting components have a lead content of less than 0.25%.

Performance Data Sheet

Substance	Influent Challenge Concentration	Average Reduction	Reduction Requirement	Maximum Effluent Concentration
Nominal Particulate Class I (particles 0.5 to < 1µm)	At least 10,000 particles/mL	>99.9%	≥ 85%	N/A
Cyst	Min 50,000 cysts/L	>99.99%	≥ 99.95%	N/A
Turbidity	11±1NTU	>98.9%	N/A	0.5NTU
Bacteriostatic	10 ¹ and 10 ⁶ organisms (colony forming units, CFU/mL)	PASS	N/A	N/A
Microplastics (particles 0.5 to < 1µm)	At least 10,000 particles/mL	>99.9%	≥ 85%	N/A

Application

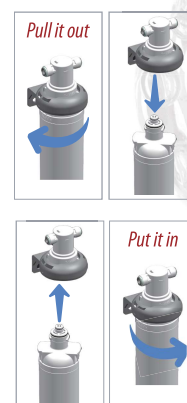
- Commercial Ice Machines

- This system has been tested according to NSF/ANSI 42, 53, 401 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 42, 53, 401.
- The system conforms to NSF/ANSI 53 for the specific performance claims verified and substantiated by test data.
- While testing was performed under standards laboratory conditions, actual performance may vary.
- The term 'bacteriostatic' indicates that the system limits the passage or growth of bacteria that may already exist in the incoming water. It does not mean that the water leaving the system is safer to drink than the water entering the system.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

** Lead-Free Certified for Safe Drinking Water all wetted components meet NSF/ANSI 372 lead content requirements of less than 0.25%.

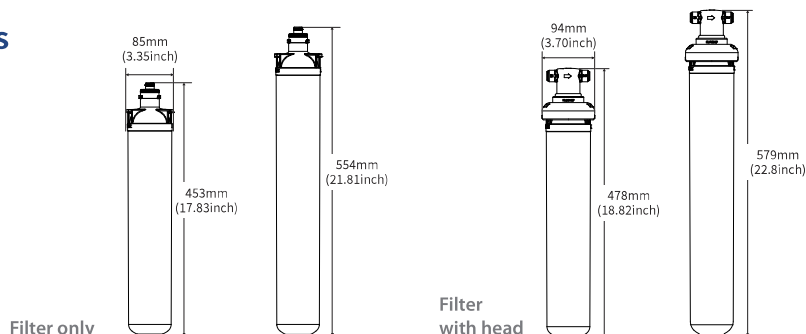
Installation Instructions

1. Shut off water supply and relieve pressure.
2. Hold head firmly. Rotate the old cartridge counterclockwise 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. Connect the inlet and outlet tubing to the appropriate end of the filter by firmly pushing the tubing all the way until tightly seated.
Make sure the end of the tubing is square and scratch free. Trim if necessary.
7. Turn on the water and check for leaks. If leaks occur, repeat steps 1-6. If leaks persist, discontinue use and call your supporting dealer.
8. Flush new cartridge at least 5 minutes before use.



※ Before use,
please check that
the arrows are aligned

Filter Dimensions



Warning

1. Do not use with water that is microbiologically unsafe or of unknown adequacy before or after the system.
2. For cold water only.
3. The term 'bacteriostatic' indicates that the system limits the passage or growth of bacteria that may already exist in the incoming water.
It does not mean that water leaving the system is safer to drink than water entering the system.
4. Replace cartridge when the flow rate becomes too slow and contact your local dealer or place where you purchase.
5. The disposable filter cartridge must be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow occurs.
6. The system conforms to NSF/ANSI 42, 53 and 401 for the specific performance claims as verified and substantiated by test data.
7. This warranty shall not apply to any failures damaged by abuse, misuse, alteration, or failure to follow operating.
8. The capacity was determined through Microfilter's internal laboratory testing and has not been verified or certified by NSF.
Actual service life may vary depending on water quality and usage conditions.
9. Scale-control claims are not tested and certified by NSF. (This notice applies to scale filters only)
10. Always use the filter in a vertical position.

Standard Filter Shelf Storage Conditions

1. Store between 4°C to 38°C (39°F to 100°F). Avoid freezing or excessive heat.
2. Store in a dry, indoor environment. Avoid exposure to high humidity or direct water contact.
3. Keep the filters out of direct sunlight to avoid material degradation.
4. Storage near open flames, flammable materials, or chemicals is strictly prohibited.
5. Most sealed (unopened) filters have a shelf life of up to 2 years from the date of manufacture, if stored properly.
After opening, the filter should be installed and flushed immediately or used within a short period.
6. Leave filters in their original sealed packaging until use to prevent contamination.

Limited Warranty

MICROFILTER Co., Ltd. referred to herein as "we" or "us," manufactures its products ("Products") and parts ("Parts") using quality workmanship and materials.

Accordingly, we warrant to the original purchaser (i.e. the party that purchased the Product directly from us), referred to herein as "you," that Water treatment systems and replaceable elements (filter cartridges and water treatment cartridges) by MICROFILTER will be free from material defects in materials and workmanship under normal use and service for Six (6) month from the date of purchase from us (we reserve the right to require proof of purchase), or within the replacement period specified in the product specifications, whichever is shorter.

However, a longer statutory warranty period may apply in accordance with the consumer protection laws of the country of purchase.

This warranty does not cover the failures resulting from abuse, misuse, alteration or damage not caused by MICROFILTER or failure to follow installation and use instructions.

Additionally, the service life of the filter cartridge may vary depending on regional water conditions and water consumption, and Microfilter Co., Ltd. does not provide a warranty for the lifespan of the filter cartridge. *For warranty exclusions applicable to all products and components, please refer to the Limited Warranty

MICROFILTER

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, CHUNGBUK, 27856, KOREA

EPA Est No. 94813-KOR-2

FLUUX

Configuration of the cartridge cap and head of this product,
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