



Performance Data Sheet For Model M7251253F-06

Using Replacement Cartridge M7251253FR-06

This system has been tested certified by NSF international against NSF/ANSI Standard 42 and 53 for the reduction of the claims specified on the performance date sheet.

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 Standard 42 and 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine, Taste and Odor and Particulate Class I ; and against NSF/ANSI Standard 53 for the reduction of Lead, Mercury, Asbestos, Cyst, Turbidity, Atrazine, Benzene and Lindane.

Substance	Average Influent Mg/L	Influent Challenge Concentration mg/L	Maximum permissible product water concentration mg/L	Reduction requirement	Average Product water Concentration	Average % Reduction	Max. Effluent Mg/L
Chlorine Taste and Odor	1.9	2.0 mg/L \pm 10%	N/A	50%	0.05	97.4	0.06
Particulate Class I Particles >0.5µm to 1µm	14000000/mL	at least 10,000 particles/mL	N/A	\geq 85%	256000/mL	98.0	420000/mL
Lead pH 6.5	0.140	0.15 \pm 10%	0.010	N/A	0.001	99.3	0.001
Lead pH 8.5	0.150	0.15 \pm 10%	0.010	N/A	0.001	99.3	0.001
Mercury pH 6.5	0.0057	0.006 \pm 10%	0.002	N/A	0.0002	96.5	0.0002
Mercury pH 8.5	0.006	0.006 \pm 10%	0.002	N/A	0.0002	96.4	0.0003
Atrazine	0.0093	0.009 \pm 10%	0.003	N/A	0.0005	94.6	0.0005
Benzene	0.015	0.015 \pm 10%	0.005	N/A	0.0005	96.7	0.0005
Asbestos	130 MFL	10 to 10 ⁷ fibers/L; fibers greater than 10µ in length	N/A	99%	0.17 MFC	99.0	0.17 MFC
Cyst (microsphere)	96000/L	Minimum 50,000/L	N/A	99.95%	2/L	99.99	3/L
Lindane	0.0019	0.002 \pm 10%	0.0002	N/A	0.00002	99.0	0.00002
Turbidity	11 NTU	11 \pm 1 NTU	0.5 NTU	N/A	0.1 NTU	99.1	0.1 NTU

* To a capacity of 300 gallons (1,136 Liters)

Operating conditions

Flow rate : 0.5 GPM(1.9LPM)

Pressure : 40 - 100 PSI (275-689kPa)

Temperature : 34-100 F (1-38 °C)

Inlet size : 1/4", out let size : 1/4"

Service life : 6 Months

Capacity : 300 Gallons (1,136 Liters)

Function : Chemical/Mechanical Reduction

Flushing : 5 Minutes

Cold Water Only

Operating Notices

- 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.
- For cold water only.
- Replace whole filter for every 6 months.
- The testing was performed under standard laboratory conditions, actual performance may vary.
- Check for compliance with the state and local laws and regulations.
- Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines.

Installation Instructions:

- Shut off water supply.
- Rotate the old filter counter clockwise 1/4 turn and pull it out.
- Insert the new filter into the filter head and rotate clockwise 1/4 turn.
- Turn on the water and check for leaks. If leaks occur, repeat step 1,2,4. If leaks persist, discontinue use and call your supporting dealer.
- Flush filter for 5 minutes before use.

Warranty

The filter is warranted for a period of 6 months. Filters are warranted for defects in material and workmanship only.

Replacement Cartridge No. : M7251253FR-06

For Use In System Model No. : M7251253F-06

For replacement, contact your local dealer or place where you purchase.

Manufactured by Microfilter Co., Ltd

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