

Performance Data Sheet

Model: High Flow Series/HF40 and HF40-S

Use Replacement Cartridge HF40 or HF40-S

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, Standard 53 and CSA B483.1.



System tested and certified by NSF International against NSF/ANSI Standard 42, Standard 53 and CSA B483.1 for the reduction of substances as listed below.

Capacity: See chart on next page.
Contaminant Reduction Determined by NSF testing.

Substance Reduction	Average Influent	NSF/ANSI specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF/ANSI Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	1.9 mg/L	2.0 mg/L ± 10%	96.8%	0.06 mg/L	N/A	≥ 50%	J-00215320
Nominal Particulate Class I, ≥ 0.5 µm to ≤ 1.0 µm	4,066,667 pts/mL	At least 10,000 particles/mL	99.9%	2565 pts/ml	N/A	≥85%	J-00125785
Cyst*	120,000 cysts/L	Minimum 50,000 cysts/L	99.98%	13 cyst/L	N/A	≥99.95%	J-00125784

* Based on the use of Cryptosporidium parvum oocysts

FOR COMMERCIAL USE ONLY

Application Guidelines/Water Supply Parameters	
Service Flow	See chart on next page
Water Supply	Potable Water
Water Pressure	25 -125 psi (172 – 862 kPa)
Water Temperature	40° F - 100° F (4.4° C - 38° C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See System Installation Manual for Warranty information.

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

Replacement Cartridge: HF40 or HF40-S. For estimated costs of replacement elements please call 866.990.9785 or visit our website at www.3Mpurification.com.

Parts and service available from:



3M Purification Inc.
400 Research Parkway
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(203) 237-5541
Fax (203) 238-8701
www.3Mpurification.com

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WARNING

Read entire manual. Failure to follow all guides and rules could cause personal injury or property damage.

- Check with your local public works department for plumbing codes. You must follow their guidelines as you install the water filtration system.
- Your water filtration system will withstand up to 125 pounds per square inch (psi) water pressure. If your house water supply pressure is higher than 80 psi, install a pressure reducing valve before installing the water filtration system.

To reduce the risk associated with the ingestion of contaminants:

- 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 water that may contain filterable cysts.

NOTICE

To reduce the risk associated with water leakage or flooding:

- Read and follow Use Instructions before installation and use of this system.
- Change the disposable filter cartridge at the recommended interval; the disposable filter cartridge MUST be replaced every 12 months or sooner.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.

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HF40 and HF40-S Cartridge Flow and Capacity Information

Head & Manifold	# of Cartridges	Flow Rate	Flush Instruction	Capacity
NH3 Series Head	1	2.5 gpm (9.5 lpm)	Flush 5.0 gals through cartridge(s) before use (flush approx. 2 mins.)	25,000 gallons (94,635 liters)
VH3 Series Head	1	2.5 gpm (9.5 lpm)	Flush 5.0 gals through cartridge(s) before use (flush approx. 2 mins.)	25,000 gallons (94,635 liters)
High Flow Series Twin 2XX Manifold	2	5.0 gpm (19.0 lpm)	Flush 10.0 gals through cartridge(s) before use (flush approx. 2 mins.)	50,000 gallons (189,270 liters)
High Flow Series Triple 3XX Manifold	3	7.5 gpm (28.4 lpm)	Flush 15 gals through cartridge(s) before use (flush approx. 2 mins.)	75,000 gallons (283,905liters)
High Flow Series Single DF1XX Manifold	1	2.5 gpm (9.5 lpm)	Flush 5.0 gals through cartridge(s) before use (flush approx. 2 mins.)	25,000 gallons (94,635 liters)
High Flow Series Twin DF2XX Manifold	2	5.0 gpm (19.0 lpm)	Flush 10.0 gals through cartridge(s) before use (flush approx. 2 mins.)	50,000 gallons (189,270 liters)
High Flow Series Single DP1XX Manifold	1	2.5 gpm (9.5 lpm)	Flush 5.0 gals through cartridge(s) before use (flush approx. 2 mins.)	25,000 gallons (94,635 liters)
High Flow Series Twin DP2XX Manifold	2	5.0 gpm (19.0 lpm)	Flush 10.0 gals through cartridge(s) before use (flush approx. 2 mins.)	50,000 gallons (189,270 liters)
High Flow Series Triple DP3XX Manifold	3	7.5 gpm (28.4 lpm)	Flush 15.0 gals through cartridge(s) before use (flush approx. 2 mins.)	75,000 gallons (283,905liters)
High Flow Series Single SF1XX Manifold	1	2.5 gpm (9.5 lpm)	Flush 5.0 gals through cartridge(s) before use (flush approx. 2 mins.)	25,000 gallons (94,635 liters)
High Flow Series DIDF2XX Manifold	2	5.0 gpm (19.0 lpm)	Flush 10.0 gals through cartridge(s) before use (flush approx. 2 mins.)	50,000 gallons (189,270 liters)