

# Performance Data Sheet

## Model: High Flow Series/ HF60-CL and HF60-CLS

Use Replacement Cartridge: HF60-CL and HF60-CLS



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of claims specified on the Performance Data 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 Standard 53.

Contaminant Reduction Determined by NSF testing.

Substance Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Nominal Particulate Class I, , ≥0.5 to < 1.0 µm	15,000,000 pts/mL	At least 10,000 particles/mL	99.9%	5205 pts/mL	N/A	≥85%	J-00093049
Cyst*	107,750 cysts/L	Minimum 50,000 cysts/L	99.99%	5 cyst/L	N/A	≥99.95%	J-00092653

\* Based on the use of Cryptosporidium parvum oocysts

### FOR COMMERCIAL USE ONLY

Application Guidelines/Water Supply Parameters	
Service Flow	See chart on page 2
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 Installation Manual for Warranty information.

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

Replacement Cartridge: HF60-CL and HF60-CLS. For estimated costs of replacement elements please call 866.990.9785 or visit our website at [www.3Mpurification.com](http://www.3Mpurification.com)

**WARNING**

**To reduce the risk associated with ingestion of contaminants:**  
**Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.** Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 070595-CT-001

**CAUTION**

**To reduce the risk associated with property damage due to water leakage:**

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi, you **must** install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not** install where water hammer conditions may occur. If water hammer conditions exist you **must** install a water hammer arrester. Contact a plumbing professional if you uncertain how to check for this condition.
- **Do not** install on hot water supply lines. The maximum operating water temperature of this filter system is 100° F (38° C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable filter cartridge **must** be replaced every 6 months or at the specified service cycle, or sooner, if a noticeable pressure drop occurs.



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**HF60-CL and HF60-CLS Cartridge Flow and Capacity Information**

<b>Head &amp; Manifold</b>	<b># of Cartridges</b>	<b>Flow Rate</b>	<b>Flush Instruction</b>	<b>Capacity</b>
NH3-½ Series Head	1	2.2 gpm (8.3 lpm)	Flush 4.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	4,700 gallons (17,790 liters)
VH3 Series Head	1	2.2 gpm (8.3 lpm)	Flush 4.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	4,700 gallons (17,790 liters)
Twin Manifold Assembly, 2XX Series	2	4.4 gpm (16.6 liters)	Flush 9.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,400 gallons (35,580 liters)
Triple Manifold Assembly, 3XX Series	3	6.6 gpm (24.9 liters)	Flush 13.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	14,100 gallons (53,370 liters)
DF Single Manifold Assembly, DF 1XX Series	1	2.2 gpm (8.3 lpm)	Flush 4.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	4,700 gallons (17,790 liters)
DF Twin Manifold Assembly, DF2XX Series	2	4.4 gpm (16.6 liters)	Flush 9.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,400 gallons (35,580 liters)
DP Single Manifold Assembly, DP 1XX Series	1	2.2 gpm (8.3 lpm)	Flush 4.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	4,700 gallons (17,790 liters)
DP Twin Manifold Assembly, DP2XX Series	2	4.4 gpm (16.6 liters)	Flush 9.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,400 gallons (35,580 liters)
DP Triple Manifold Assembly, DP3XX Series	3	6.6 gpm (24.9 liters)	Flush 13.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	14,100 gallons (53,370 liters)
SF Single Manifold Assembly, SF 1XX Series	1	2.2 gpm (8.3 lpm)	Flush 4.5 gallons through cartridge(s) before use (flush approximately 2 minutes)	4,700 gallons (17,790 liters)