Performance Data Sheet

Model: High Flow Series/HF20, HF20-S and HF20-MS

Use Replacement Cartridge HF20, HF20-S, or HF20-MS

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 NSF/ANSI Standard 53.

System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances as listed below according to Standard 42 and Standard 53.

Capacity: See chart on page 2

Contaminant Reduction Determined by NSF testing.

Contaminant Reduction	Average Influent	NSF/ANSI specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L ± 10%	96.6%	0.07 mg/L	N/A	≥ 50%	J-00033512
Nominal Particulate Class I, ≥ 0.5 µm to ≤ 1.0 µm	11,666,667 pts/mL	At least 10,000 particles/mL	99.8%	18,567 pts/mL	N/A	≥85%	J-00029865
Cyst*	145,000 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	≥99.95%	J-00093461

* Based on the use of Cryptosporidium parvum oocysts

FOR COMMERICIAL 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	40º F - 100º F (4.4º C - 38º 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: HF20, HF20-S, or HF20-MS. For estimated costs of replacement elements please call 866.990.9785 or visit our website at www.3Mpurification.com

Parts and service available from:

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 exceeds125 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 100º F (38º C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 40ºF (4.4ºC).
- 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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INSTR4254 0912B

Performance Data Sheet

Model: High Flow Series

Use Replacement Cartridge HF20, HF20-S, or HF20-MS

HF20, HF20-S, or HF20-MSCartridge Flow and Capacity Information

Head & Manifold	# of Cartridges	Flow Rate	Flush Instructions	Capacity
NH3-½ Series Head	1	1.5 gpm (5.67 lpm)	Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,000 gallons (34,069 liters)
VH3 Series Head	1	1.5 gpm (5.67 lpm)	Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,000 gallons (34,069 liters)
Twin Manifold Assembly, 2XX Series	2	3.0 gpm (11.36 lpm)	Flush 6.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	18,000 gallons (68,137 liters)
Triple Manifold Assembly, 3XX Series	3	4.5 gpm (17.03 lpm)	Flush 9.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	27,000 gallons (102,206 liters)
DF Single Manifold Assembly, DF 1XX Series	1	1.5 gpm (5.67 lpm)	Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,000 gallons (34,069 liters)
DF Twin Manifold Assembly, DF2XX Series	2	3.0 gpm (11.36 lpm)	Flush 6.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	18,000 gallons (68,137 liters)
DP Single Manifold Assembly, DP 1XX Series	1	1.5 gpm (5.67 lpm)	Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,000 gallons (34,069 liters)
DP Twin Manifold Assembly, DP2XX Series	2	3.0 gpm (11.36 lpm)	Flush 6.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	18,000 gallons (68,137 liters)
DP Triple Manifold Assembly, DP3XX Series	3	4.5 gpm (17.03 lpm)	Flush 9.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	27,000 gallons (102,206 liters)
SF Single Manifold Assembly, SF 1XX Series	1	1.5 gpm (5.67 lpm)	Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes)	9,000 gallons (34,069 liters)