

**Performance Data Sheet**  
**Model: High Flow Series/ HF25-S**  
 Use Replacement Cartridge HF25-S



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

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.

Capacity: See chart on page 2  
 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 Reduction Requirements | NSF Test Report |
|---------------------------------------------------|-------------------|--------------------------------------------|-----------------|-------------------------------------|---------------------------------------------|----------------------------|-----------------|
| Chlorine Taste and Odor                           | 1.9 mg/L          | 2.0 mg/L ± 10%                             | 97.2%           | 0.05 mg/L                           | N/A                                         | ≥ 50%                      | J-00089374      |
| Nominal Particulate Class I, ≥ 0.5 µm to ≤ 1.0 µm | 25,333,333 pts/mL | At least 10,000 particles/mL               | 99.9%           | 18,217 pts/mL                       | N/A                                         | ≥85%                       | J-00089381      |

**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: HF25-S. For estimated costs of replacement elements please call 866.990.9785 or visit our website at [www.3Mpurification.com](http://www.3Mpurification.com)

Parts and service available from:



**3M Purification Inc.**  
 400 Research Parkway  
 Meriden, CT 06450, U.S.A.  
 Tel 866.990.9785  
 203.237.5541  
 Fax 203.238.8701  
[www.3Mfoodservice.com](http://www.3Mfoodservice.com)  
[www.3Mpurification.com](http://www.3Mpurification.com)

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 INSTR4255 0912B

**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.**

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**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.

# Performance Data Sheet

## Model: High Flow Series

Use Replacement Cartridge HF25-S

### HF25-S Cartridge 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) | 10,000 gallons (37,854 liters)  |
| VH3 Series Head                            | 1               | 1.5 gpm (5.67 lpm)  | Flush 3.0 gallons through cartridge(s) before use (flush approximately 2 minutes) | 10,000 gallons (37,854 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) | 20,000 gallons (75,708 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) | 30,000 gallons (113,562 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) | 10,000 gallons (37,854 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) | 20,000 gallons (75,708 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) | 10,000 gallons (37,854 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) | 20,000 gallons (75,708 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) | 30,000 gallons (113,562 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) | 10,000 gallons (37,854 liters)  |