

**3M™ Water Filtration Products**

# 3M™ High Flow Series Cyst Rated Cartridges

3M™ Water Filtration Products' line of cyst reduction rated cartridges offers multiple solutions to help improve the taste, appearance and consistency of your product at flow rates from 3,8 lpm up to 18,9 lpm.

**Product Benefits:**

- Sanitary Quick Change (SQC) encapsulated cartridge design reduces media contamination during change-outs
- Expansive breadth of product offerings that can accommodate most applications
- Multiple choice of medias to help provide solutions for varying water conditions
- Certified by NSF to Standard 53 for cyst<sup>1</sup> reduction
- NSF certified; 3M Purification: Commercial Modular-High Flow Series
- Contains, Integrated Membrane Pre-Activated Carbon Technology ("I.M.P.A.C.T.") media HF20-I, HF20-SI and HF40 through HF90 Series only

Model Number	3M ID	3M SAP ID	Part No	Micron Rating	Claims	Flow Rate	Capacity
HF90	70020020155	7000001667	5613503	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	18.9 lpm	204,412 lit.
HF90-S	70020020163	7000042826	5613505	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	18.9 lpm	204,412 lit.
HF60	70020020122	7000001666	5613403	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	12.6 lpm	132,489 lit.
HF60-S	70020116706	7000001752	5613405	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	12.6 lpm	132,489 lit.
HF40	70020020114	7000001665	5613303	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	7.9 lpm	94,635 lit.
HF40-S	70020121417	7100008238	5613305	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	7.9 lpm	94,635 lit.
HF30-E	XA300000792	7100022069	XA300000792	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	6.3 lpm	52,996 lit.
HF30-S	70020020585	7000050413	5615107	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	6.3 lpm	52,996 lit.
HF20-E	XA00000784	7100022068	XA300000784	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	5.7 lpm	34,069 lit.
HF20-I	70020352327	7100022068	5636428	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup>	6.3 lpm	52,996 lit.
HF20-SE	XA300000776	7100017185	XA300000776	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	5.7 lpm	34,069 lit.
HF20-SI	70020352335	7100233868	5636429	0.2	Bacteria <sup>2</sup> , Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	6.3 lpm	52,996 lit.
HF20-MS	70020020593	7000001674	5615109	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	5.7 lpm	34,069 lit.
HF10-MS	70020324284	7100041862	5626111	0.5	Particulate, Chlorine Taste & Odor, Cyst <sup>1</sup> , Scale Inhibitor <sup>3</sup>	3.8 lpm	13,249 lit.



1. Based on the use of Cryptosporidium parvum oocysts.  
 2. As tested with E.Coli ATCC (11229). As tested and verified by manufacturer's laboratory.  
 3. As tested and verified by manufacturer's laboratory.

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## Product Specifications:

- Temperature: 40°–100°F (4.4°–37.8°C)
- Pressure: 172–862 bar
- Shipping weight: Refer to Price Book
- Operating weight: Contact factory

Spec # \_\_\_\_\_

Quantity \_\_\_\_\_

Model # \_\_\_\_\_

Part # \_\_\_\_\_

## Shipping Specifications

Model No.	Part No.	Shipping Dimension	Weight	Case Qty.
HF90	5613503	71.1 cm × 12.4 cm × 12.4 cm	2.3 kg	1
HF90-S	5613505	71.1 cm × 12.4 cm × 12.4 cm	2.3 kg	1
HF60	5613403	55.9 cm × 12.4 cm × 12.4 cm	1.5 kg	1
HF60-S	5613405	55.9 cm × 12.4 cm × 12.4 cm	1.5 kg	1
HF40	5613303	26.7 cm × 14 cm × 59.1 cm	2.3 kg	2
HF40-S	5613305	26.7 cm × 14 cm × 59.1 cm	2.3 kg	2
HF30-E	XA300000792	26.7 cm × 26.7 cm × 71.8 cm	4.1 kg	4
HF30-S	5615107	26.7 cm × 26.7 cm × 71.8 cm	4.1 kg	4
HF20-E	XA300000784	38.7 cm × 26.7 cm × 59.1 cm	4.5 kg	6
HF20-I	5636428	20.64cm × 29.53cm × 41.91cm	6.75 kg	6
HF20-SE	XA300000776	38.7 cm × 26.7 cm × 59.1 cm	4.5 kg	6
HF20-SI	5636429	20.64cm × 29.53cm × 41.91cm	6.89 kg	6
HF20-MS	5615109	38.7 cm × 26.7 cm × 59.1 cm	4.5 kg	6
HF10-MS	5626111	51.8 cm × 26.7 cm × 40.0 cm	4.5 kg	8

## Limited Warranty

**Warranty, Limited Remedy, and Disclaimer:** 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

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## Important Installation Tips:

These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

**⚠️WARNING:** 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 contain filterable cysts.

**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.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 40°F (4.4°C).
- **DO NOT install on hot water supply lines.** The maximum operating water temperature of this filter system is 100°F (37.8°C).
- **DO NOT install** if water pressure exceeds 8,6 bar. If your water pressure exceeds 5,5 bar, 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 are uncertain how to check for this condition.
- The disposable filter cartridge **MUST** be replaced every twelve (12) months, at the rated capacity or sooner if a noticeable reduction in flow rate occurs.



## Separation & Purification Sciences Division

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System tested and certified by NSF international against NSF/ANSI 42 and 53 for the reduction of the claims specified on the Performance Data Sheet and against CSA B483.1.

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