

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 1 gpm up to 5 gpm.

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 cyst¹ 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	Part No	Micron Rating	Claims	Flow Rate	Capacity
HF90	70020020155	5613503	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)
HF90-S	70020020163	5613505	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)
HF60	70020020122	5613403	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)
HF60-S	70020116706	5613405	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)
HF40	70020020114	5613303	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)
HF40-S	70020121417	5613305	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)
HF30	70020020577	5615105	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)
HF30-S	70020020585	5615107	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)
HF30-MS	70020020601	5615111	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)
HF20	70020020551	5615101	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)
HF20-I	70020352327	5636428	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)
HF20-S	70020020569	5615103	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)
HF20-SI	70020352335	5636429	0.2	Bacteria ² , Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)
HF20-MS	70020020593	5615109	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)
HF10-MS	70020019595	5609329	0.5	Particulate, Chlorine Taste & Odor, Cyst ¹ , Scale Inhibitor ³	1.0 gpm (3.8 lpm)	3,500 gals. (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: 25–125 psi (172–862 kPa)
- Shipping weight: Refer to Price Book
- Operating weight: Contact factory

Shipping Specifications

Model No.	Part No.	Shipping Dimension	Weight	Case Qty.
HF90	5613503	28"H × 4-7/8"W × 4-7/8"L (71.1 cm × 12.4 cm × 12.4 cm)	5 lbs. (2.3 kg)	1
HF90-S	5613505	28"H × 4-7/8"W × 4-7/8"L (71.1 cm × 12.4 cm × 12.4 cm)	5 lbs. (2.3 kg)	1
HF60	5613403	22"H × 4-7/8"W × 4-7/8"L (55.9 cm × 12.4 cm × 12.4 cm)	3.4 lbs. (1.5 kg)	1
HF60-S	5613405	22"H × 4-7/8"W × 4-7/8"L (55.9 cm × 12.4 cm × 12.4 cm)	3.4 lbs. (1.5 kg)	1
HF40	5613303	10-1/2"H × 5-1/2"W × 23-1/4"L (26.7 cm × 14 cm × 59.1 cm)	5 lbs. (2.3 kg)	2
HF40-S	5613305	10-1/2"H × 5-1/2"W × 23-1/4"L (26.7 cm × 14 cm × 59.1 cm)	5 lbs. (2.3 kg)	2
HF30	5615105	10-1/2"H × 10-1/2"W × 28-1/4"L (26.7 cm × 26.7 cm × 71.8 cm)	9 lbs. (4.1 kg)	4
HF30-S	5615107	10-1/2"H × 10-1/2"W × 28-1/4"L (26.7 cm × 26.7 cm × 71.8 cm)	9 lbs. (4.1 kg)	4
HF30-MS	5615111	10-1/2"H × 10-1/2"W × 28-1/4"L (26.7 cm × 26.7 cm × 71.8 cm)	9 lbs. (4.1 kg)	4
HF20	5615101	15-1/4"H × 10-1/2"W × 23-1/4"L (38.7 cm × 26.7 cm × 59.1 cm)	10 lbs. (4.5 kg)	6
HF20-I	5636428	8.13"H × 11.63"W × 16.5"L (20.64cm × 29.53cm × 41.91cm)	14.88 lbs. (6.75 kg)	6
HF20-S	5615103	15-1/4"H × 10-1/2"W × 23-1/4"L (38.7 cm × 26.7 cm × 59.1 cm)	10 lbs. (4.5 kg)	6
HF20-SI	5636429	8.13"H × 11.63"W × 16.5"L (20.64cm × 29.53cm × 41.91cm)	15.18 lbs. (6.89 kg)	6
HF20-MS	5615109	15-1/4"H × 10-1/2"W × 23-1/4"L (38.7 cm × 26.7 cm × 59.1 cm)	10 lbs. (4.5 kg)	6
HF10-MS	5609329	20-3/8"H × 10-1/2"W × 15-3/4"L (51.8 cm × 26.7 cm × 40.0 cm)	10 lbs. (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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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.

Spec # _____

Quantity _____

Model # _____

Part # _____

Important Installation Tips:

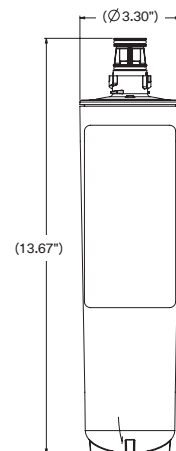
These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

⚠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 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), 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.



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