

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 and CSA certified
- 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 and Odour, Cyst ¹	5 gpm (18.9 lpm)	54,000 gal (204,412 L)
HF90-S	70020020163	5613505	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	5 gpm (18.9 lpm)	54,000 gal (204,412 L)
HF60	70020020122	5613403	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)
HF60-S	70020116706	5613405	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)
HF40	70020020114	5613303	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)
HF40-S	70020121417	5613305	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)
HF30	70020020577	5615105	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)
HF30-S	70020020585	5615107	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)
HF30-MS	70020020601	5615111	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)
HF20	70020020551	5615101	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)
HF20-I	70020352327	5636428	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)
HF20-S	70020020569	5615103	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)
HF20-SI	70020352335	5636429	0.2	Bacteria ² , Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)
HF20-MS	70020020593	5615109	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)
HF10-MS	70020019595	5609329	0.5	Particulate, Chlorine Taste and Odour, Cyst ¹ , Scale Inhibitor ³	1.0 gpm (3.8 lpm)	3,500 gal (13,249 L)

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.

3M Water Filtration Products

Product Specifications:

- Temperature: 4.4°C - 37.8°C (40°F - 100°F)
- Pressure: 172 - 862 kPa (25 - 125 psi)
- Shipping weight: Refer to Price Book
- Operating weight: Contact factory

Shipping Specifications

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

Limitation of Liability: Except for the limited remedy above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential, regardless of the legal or equitable theory asserted.



3M Separation and Purification
Sciences Division

3M Canada
P.O. Box 5757
London, ON N6A 4T1

1-800-364-3577
3M.ca/FoodServiceFiltration



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:

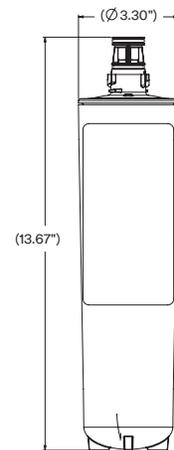
These installation tips are for informational purposes only and are not intended to be used as actual installation instructions.

⚠ 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 provincial and local plumbing codes.
- **Protect from freezing,** remove filter cartridge when temperatures are expected to drop below 4.4°C (40°F).
- **DO NOT install on hot water supply lines.** The maximum operating water temperature of this filter system is 37.8°C (100°F).
- **DO NOT install** if water pressure exceeds 862 kPa (125 psi). If your water pressure exceeds 552 kPa (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 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.



3M and 3M Science. Applied to Life, are trademarks of 3M. Used under license in Canada. © 2021, 3M. All rights reserved. 2103-19803 E