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3M Foodservice Water Filtration Products and Accessories

2022 Catalog
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3M Foodservice Water Filtration Products and Accessories

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Visit www.nsf.org for the claims associated with products that are NSF listed.

ICE120 Series Valve-in-Head Filter System
For commercial cubers up to 750 lbs. (340.2kg) and commercial flakers up to 1,200 lbs. (544.3 kg)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE120-S	5616003	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	HF20-S 5615103	Sediment, chlorine taste and odor, cyst[1], scale[3]	19 lbs. (8.6 kg)	6
	70020128388				70020020569	00016145801181		10016145901185
ICE120-SI	5616018	0.2	1.67 gpm (6,32 lpm)	14,000 gal (52,996 L)	HF20-SI	Bacteria[2], Sediment, chlorine taste and odor, cyst[1] and scale inhibition[3]	20.43 lbs.	6
	70020353473				70020352335	00638060358207		50638060358202
ICE125-S	5616004	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	HF25-S 5615203	Sediment, chlorine taste and odor, scale[3]	19 lbs. (8.6 kg)	6
	70020128396				70020020627	00016145801198		10016145901192

Connections: 3/8" FNPT. Product Dimensions: 17" H x 4-1/2" D (43.2 cm x 11.4 cm)
Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm) Cubic Feet: 2.2

ICE140 Series Valve-in-Head Filter System
For commercial cubers up to 1,000 lbs. (453.6 kg) and commercial flakers up to 1,800 lbs. (816.5 kg)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE140-S	5616203	0.2	2.5 gpm (9.5 lpm)	25,000 gal (94,635 L)	HF40-S 5613305	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale[3]	8.9 lbs. (4.0 kg)	2
	70020144054				70020121417	00016145801204		10016145901208
ICE145-S	5616204	3.0	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)	HF45-S 5613309	Sediment[3], chlorine taste and odor, scale[3]	8.9 lbs. (4.0 kg)	2
	70020044387				70020121425	00016145801235		10016145901239

Connections: 3/8" FNPT. Product Dimensions: 14-7/8" H x 5-1/16" D (37.8 cm x 12.9 cm)
Shipping Dimensions: 10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm) Cubic Feet: 0.8

ICE160 Series Filter System with Shut-off Ball Valve Included
For commercial cubers up to 1,450 lbs. (657.7 kg) and commercial flakers up to 2,400 lbs. (1088.6 kg)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE160-S	5616303	0.2	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	HF60-S 5613405	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale[3]	4.1 lbs. (1.9 kg)	1
	70020044403				70020116706	00016145801211		10016145901215
ICE165-S	5616304	3.0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	HF65-S 5613409	Sediment[3], chlorine taste and odor, scale[3]	4.1 lbs. (1.9 kg)	1
	70020302926				70020020130	00016145801242		10016145901246

Connections: 1/2" FNPT. Product Dimensions: 17-5/8" H x 5" D (44.8 cm x 12.7 cm)
Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.3

ICE190 Series Filter System with Ball Valve Included
For commercial cubers up to 2,170 lbs. (984.2 kg) or commercial flakers up to 3,593 lbs. (1,630 kg)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE190-S	5616403	0.2	5.0 gpm (18.9 lpm)	54,000 gal (204,412 L)	HF90-S 5613505	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale[3]	5.8 lbs. (2.6 kg)	1
	70020020742				70020020163	00016145801228		10016145901222
ICE195-S	5616404	3.0	5.0 gpm (18.9 lpm)	54,000 gal (204,412 L)	HF95-S 5613509	Sediment[3], chlorine taste and odor, scale[3]	5.8 lbs. (2.6 kg)	1
	70020044429				70020121433	00016145801259		10016145901253

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D (60 cm x 12.7 cm)
Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.4

Ice (Cont.)

ICE260 Series Filter System with Shut-off Valve
For commercial cubers to 3,000 lbs. (1,360.8 kg) and commercial flakers to 4,800 lbs. (2,177.3 kg)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE260-S	5624503	0.2	6.68 gpm (25.3 lpm)	70,000 gal (264,978 L)	(2) HF60-S 5613405	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale[3]	17.4 lbs. (7.9 kg)	1
	70020229392				70020116706	00016145210921		00016145210921
ICE265-S	5624504	3.0	6.68 gpm (25.3 lpm)	70,000 gal (264,978 L)	(2) HF65-S 5613409	Sediment[3], chlorine taste and odor, scale[3]	17.4 lbs. (7.9 kg)	1
	70020229400				70020020130	00016145210938		00016145210938

Connections: 3/4" MNPT. Product Dimensions: 18-1/16" H x 16-7/8" W x 5-3/8" D (45.9 cm x 42.9 cm x 13.7 cm)
Shipping Dimensions: Contact Factory

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
Please refer to Replacement Cartridges section for replacement filter cartridges.

3M™ High Flow Carbonless Series

ICE120 Series Filter Systems
Contact Water Quality Support at 1-800-630-0778 for capacity information

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE120-A020-S-SR	5616015	0.2 Absolute	2 gpm (7.57 lpm)	N/A	HF20-A020-S-SR	Particulate, bacteria[4], cyst[1] and scale inhibitor[3]	19.15 lbs.	6
	70020352590				70020352558	00638060357132		50638060357137
ICE120-S-SR	5616016	0.2 Nominal	2 gpm (7.57 lpm)	N/A	HF20-S-SR	Particulate, bacteria[2], cyst[1] and scale inhibitor[3]	19.15 lbs.	6
	70020353077				70020353028	00638060357200		50638060357205

Connections: 3/8" FNPT. Product Dimensions: 17-1/2" H x 4-1/2" D (44.6 cm x 11.4cm)
Shipping Dimensions: 11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm) Cubic Feet: 2.8

ICE160 Series Filter Systems
Contact Water Quality Support at 1-800-630-0778 for capacity information

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ICE160-A020-S-SR	5616335	0.2 Absolute	3.5 gpm (13.25 lpm)	N/A	HF60-A020-S-SR	Particulate, bacteria[4], cyst[1] and scale inhibitor[3]	3.817 lbs.	1
	70020352608				70020352574	00638060357125		50638060357120
ICE160-S-SR	5616336	0.2 Nominal	3.5 gpm (13.25 lpm)	N/A	HF60-S-SR	Particulate, bacteria[2], cyst[1] and scale inhibitor[3]	3.71 lbs.	1
	70020353069				70020353051	00638060357194		50638060357199

Connections: 1/2" FNPT. Product Dimensions: 18-5/8" H x 5" D (47.3 cm x 12.7 cm)
Shipping Dimensions: 5" H x 5.0625" W x 27" L (12.7 cm x 12.85875 cm x 68.58 cm) Cubic Feet: 0.4

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] Reduction of Water-borne bacteria as demonstrated with 99.9999% reduction of surrogate organism *E. coli* (ATCC 11229), *P. fluorescens* (ATCC 49642), legionella pneumophilia and brevundimonas diminuta in a manufacturer's lab test.
Please refer to Replacement Cartridges section for replacement filter cartridges.

Coffee and Hot Tea Brewing

BREW110 Series Valve-in-Head Filter System — 7,000 pots (1/2-gal / 1.9-L) or 1 to 3 Pot Brewers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BREW110-MS	5626203	0.5	1.0 gpm (3.8 lpm)	3,500 gal (13,249 L)	HF10-MS 5626111	Particulate, chlorine taste and odor, cyst[1], asbestos, scale[3]	18 lbs. (8.2 kg)	6
	70020324318				70020324284	00054007982692		50054007982697
BREW115-MS	5626204	5.0	1.0 gpm (3.8 lpm)	3,500 gal (13,249 L)	HF15-MS 5626113	Particulate, chlorine taste and odor, scale[3]	18 lbs. (8.2 kg)	6
	70020324326				70020324292	00054007982708		50054007982703

Connections: 3/8" FNPT. Product Dimensions: 10-15/16" H x 4-1/2" D (27.8 cm x 11.4 cm)
Shipping Dimensions: 20-3/8" x 10-1/2" x 15-3/4" (51.8 cm x 26.7 cm x 40 cm) Cubic Feet: 1.9

BREW120 Series Valve-in-Head Filter System — 18,000 pots (1/2-gal/ 1.9-L) or up to 5 Pot Brewers; Satellite Brew System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BREW120-MS	5616001	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	HF20-MS 5615109	Sediment, chlorine taste and odor, cyst[1], scale[3]	19 lbs. (8.6 kg)	6
	70020020700				70020020593	00016145801167		10016145901161

BREW125 Series Valve-in-Head Filter System — 20,000 pots (1/2-gal/ 1.9-L) or up to 5 Pot Brewers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BREW125-MS	5616002	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	HF25-MS 5615209	Sediment, chlorine taste and odor, scale[3]	19 lbs. (8.6 kg)	6
	70020020718				70020020635	00016145801136		10016145901130

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D (39.4 cm x 11.4 cm)
Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm) Cubic Feet: 2.2

HF160 Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF160-CLS	5626002	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	HF60-CLS 5625902	Bacteria[2], sediment, chloramine[3], chlorine taste and odor[3], cyst[1], scale[3]	4.1 lbs. (1.9 kg)	1
	70020282870				70020282862	00016145265228		00016145265228
HF160-CLXS	5626005	0.2	Chloramine 1.67 gpm (6.32 lpm)	6,300 gal (23,848 L) chloramine	HF60-CLXS 5637211	Bacteria[2], sediment, chloramine, chlorine taste and odor, cyst[1], scale[3]	5.0 lbs	1
	70020344365		CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine	70020342633	00068060553591		50068060553596

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D (40.3 cm x 11.1 cm)
Shipping Dimensions: Contact Factory. Cubic Feet: Contact Factory.

TFS450 Series Reverse Osmosis w/T.D.S. (Total Dissolved Solids) Blending Valve

Model No.	Part No./ 3M ID#	Type	Capacity	Cu. Ft.	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
TFS450 RO System cartridges included	5623901	Line pressure RO system	280 gpd w/o blending[4] Up to 480 gpd w/blending[4]	Contact Factory	Sediment, chlorine taste and odor, TDS reduction	31 lbs. (14 kg)	1
	70020217751				00016145213137		00016145213137

Shipping Dimensions: 7" x 30" x 20" (17.8 cm x 76.2 cm x 50.8 cm)
Note: For storage tank options refer to pages 19 and 24.

Coffee and Hot Tea Brewing (Cont.)

TFS450 Replacement Cartridge(s)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Cu. Ft.	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
TFS450 CARTPAK includes prefilter, post filter, (2) CFS M RO modules	5624801	SQC style	1	N/A	Contact Factory	Sediment, chlorine taste and odor, TDS reduction CARTPAK included HF95 (5613507) and HF90 (5313503)	Contact Factory	1
	70020217785					00016145216275		00016145216275
TFS450 CARTPAK incl. (2) CFS M RO modules	5624803	SQC style	1	N/A	Contact Factory	TDS reduction	Contact Factory	16
	70020347376					00051128889503		00051128889503
TFS450 Install Kit	50-91301	Installation kit			Contact Factory	Contact Factory	Contact Factory	1
	70020230754					00016145213120		00016145213120

Connections: inlet: 3/8" FNPT; outlet 1/2" FNPT. Product Dimensions: 17-15/16" H x 22" W x 10-5/8" D (45.6 cm x 55.9 cm x 27 cm)

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] gpd (gallons per day) based on softened water @ 70 psi (483 kPa) and 77°F (25°C)

Cold Beverage

BEV120-I Valve-in-Head Filter System
For single carbonator dispensers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV120-I	5616017	0.2	1.67 gpm (6.3 lpm)	14,000 gal (52,996 L)	HF20-I	Bacteria[2], sediment, chlorine taste and odor and cyst[1]	20.13 lbs.	6
	70020353465				70020352327	00638060358214		50638060358219

Connections: 3/8" FNPT. Product Dimensions: 17-1/2" H x 4-1/2" D (44.6 cm x 11.4cm)
Shipping Dimensions: 11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm) Cubic Feet: 2.8

BEV135 Series Valve-in-Head Filter System
For single carbonator dispensers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV135	5616102	1.0	1.67 gpm (6.3 lpm)	12,600 gal (47,696 L)	HF35 5615205	Sediment, chlorine taste and odor	15.5 lbs. (7 kg)	4
	70020044361				70020043090	00016145801013		10016145901017

Connections: 3/8" FNPT. Product Dimensions: 21-1/4" H x 4-1/2" D (54 cm x 11.4 cm)
Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm) Cubic Feet: 1.8

BEV140 Series Valve-in-Head Filter System
For single high flow carbonator dispensers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV140	5616201	0.2	2.5 gpm (9.5 lpm)	25,000 gal (94,635 L)	HF40 5613303	Bacteria[2], sediment, chlorine taste and odor, cyst[1]	8.9 lbs. (4.0 kg)	2
	70020044379				70020020114	00016145801037		10016145901031
BEV145	5616202	3.0	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)	HF45 5613307	Sediment[3], chlorine taste and odor	8.9 lbs. (4.0 kg)	2
	70020109537				70020302918	00016145801020		10016145901024

Connections: 3/8" FNPT. Product Dimensions: 14-7/8" H x 5-1/16" D (37.8 cm x 12.9 cm)
Shipping Dimensions: 10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm) Cubic Feet: 0.8

Cold Beverage (Cont.)

BEV160 Series Filter System with External Shut-off Valve
For dual carbonator dispensers

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV160	5616301	0.2	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	HF60 5613403	Bacteria[2], sediment, chlorine taste and odor, cyst[1]	4.1 lbs. (1.9 kg)	1
	70020044395				70020020122	00016145801051		10016145901055
BEV165	5616302	3.0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	HF65 5613407	Sediment[3], chlorine taste and odor	4.1 lbs. (1.9 kg)	1
	70020109545				70020115476	00016145801044		10016145901048

Connections: 1/2" FNPT. Product Dimensions: 17-5/8" H x 5" D (44.8 cm x 12.7 cm)
Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.3

BEV190 Series Filter System with External Shut-off Valve
Serves carbonator and cold beverage dispensers up to 5 gpm (18.9 lpm) demand flow rate

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV190	5616401	0.2	5.0 gpm (18.9 lpm)	54,000 gal (204,412 L)	HF90 5613503	Bacteria[2], sediment, chlorine taste and odor, cyst[1]	5.8 lbs. (2.6 kg)	1
	70020074947				70020020155	00016145801075		10016145901079
BEV195	5616402	3.0	5.0 gpm (18.9 lpm)	54,000 gal (204,412 L)	HF95 5613507	Sediment[3], chlorine taste and odor	5.8 lbs. (2.6 kg)	1
	70020044411				70020020171	00016145801068		10016145901062

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D (60 cm x 12.7 cm)
Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.4

HF160 Series Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF160-CL	5626001	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	HF60-CL 5625901	Bacteria[2], sediment, chloramine[3], chlorine taste and odor[3], cyst[1]	4.1 lbs. (1.9 kg)	1
	70020282102				70020274927	00016145264481		00016145264481
HF160-CLX	5626004	0.2	Chloramine 1.67 gpm (6.32 lpm)	6,300 gal (23,848 L) chloramine	HF60-CLX 5637210	Bacteria[2], sediment, chloramine, chlorine taste and odor, cyst[1]	4.8 lbs	1
	70020344357		CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine	70020342625	00068060553584		50068060553589
HF165-CL	5626003	5.0	2.1 gpm (7.9 lpm) 1.7 gpm (6.4 lpm) 1.0 gpm (3.8 lpm)	7,000 gal (26,498 L) 8,000 gal (30,283 L) 15,000 gal (56,781 L)	HF65-CL 5628902	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020303536				70020300433	00054007971351		00054007971351
HF165-CLX	5626006	5.0	Chloramine 1.00 gpm (3.79 lpm)	35,000 gal (132,489 L)	HF65-CLX 5637213	Sediment, chloramine, chlorine taste and odor	5.3 lbs.	1
	70020344373		CTO 3.50 gpm (13.25 lpm)		70020342658	00068060553607		50068060553602

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D (40.3 cm x 11.1 cm)
Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm) Cubic Feet: Contact Factory

Cold Beverage (Cont.)

HF195 High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF195-CL	5625802	5.0	2.5 gpm (9.5 lpm)	30,000 gal (113,562 L)	HF95-CL 5627302	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020283787				70020283795	00016145266041		00016145266041
HF195-CLX	5625804	5.0	Chloramine 1.50 gpm (5.68 lpm)	54,000 gal (204,412 L)	HF95-CLX 5637311	Sediment, chloramine, chlorine taste and odor	7.5 lbs.	1
	70020344340		CTO 5.00 gpm (18.92 lpm)		70020342781	00068060553577		50068060553572

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D (60 cm x 12.7 cm)
Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm) Cubic Feet 0.4

HF265 High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF265-CLX	5624507	5.0	Chloramine 2.00 gpm (7.57 lpm)	70,000 gal (264,979 L)	HF65-CLX 5637213	Sediment, chloramine, chlorine taste and odor	15.8 lbs.	1
	70020343557		CTO 7.00 gpm (26.50 lpm)		70020342658	00068060553553		50068060553558

Connections: 3/4" MNPT. Product Dimensions: Contact Factory
Shipping Dimensions: Contact Factory

HF295 Twin, High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF295-CL	5627501	5.0	5 gpm (19 lpm)	60,000 gal (227,100 L)	(2) HF95-CL 5627302	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020283985				70020283795	00016145266263		00016145266263
HF295-CLX	5627503	5.0	Chloramine 3.00 gpm (11.36 lpm)	108,000 gal (408,824 L)	HF95-CLX 5637311	Sediment, chloramine, chlorine taste and odor	19.7 lbs.	1
	70071473113		CTO 10.00 gpm (37.85 lpm)		70020342781	00068060553690		50068060553695

Connections: 3/4" MNPT. Product Dimensions: Contact Factory
Shipping Dimensions: Contact Factory

HF395 High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF395-CLX	5624704	5.0	Chloramine 4.50 gpm (17.03 lpm)	162,000 gal (613,236 L)	HF95-CLX 5637311	Sediment, chloramine, chlorine taste and odor	27.7 lbs.	1
	70020353820		CTO 15.00 gpm (56.78 lpm)		70020342781	00068060553683		50068060553688

Connections: 3/4" MNPT. Product Dimensions: Contact Factory
Shipping Dimensions: Contact Factory

DWS160-L Drinking Water System with Fixed Flow Control Valve-in Head
For water coolers, drinking water fountains, under the sink drinking water applications

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DWS160-L	5627201	0.2	2.5 gpm (9.4 lpm)	6,000 gal (22,712 L)	160-L 5613444	Bacteria[2], cyst[1], particulate, chlorine taste and odor, lead, benzene, p-Dichlorobenzene	Contact Factory	1
	70020302934				70020302801	00016145265235		50016145265230

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.

Chloramine Reduction Systems

Chloramine Reduction Systems with Scale Inhibition
HF160-CLS Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF160-CLS	5626002	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	HF60-CLS 5625902	Bacteria[2], sediment, chloramine[3], chlorine taste and odor[3], cyst[1], scale[3]	4.1 lbs. (1.9 kg)	1
	70020282870				70020282862	00016145265228		00016145265228

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D (40.3 cm x 11.1 cm)
Shipping Dimensions: Contact Factory Cubic Feet: Contact Factory

Chloramine Reduction Systems without Scale Inhibition
HF160-CL Series Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF160-CL	5626001	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	HF60-CL 5625901	Bacteria[2], sediment, chloramine[3], chlorine taste and odor[3], cyst[1]	4.1 lbs. (1.9 kg)	1
	70020282102				70020274927	00016145264481		00016145264481
HF165-CL	5626003	5.0	2.1 gpm (7.9 lpm) 1.7 gpm (6.4 lpm) 1.0 gpm (3.8 lpm)	7,000 gal (26,498 L) 8,000 gal (30,283 L) 15,000 gal (56,781 L)	HF65-CL 5628902	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020303536				70020300433	00054007971351		00054007971351

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D (40.3 cm x 11.1 cm)
Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm) Cubic Feet: Contact Factory

HF195-CL High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF195-CL	5625802	5.0	2.5 gpm (9.5 lpm)	30,000 gal (113,562 L)	HF95-CL 5627302	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020283787				70020283795	00016145266041		00016145266041

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D (60 cm x 12.7 cm)
Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm) Cubic Feet 0.4

HF265-CL High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF265-CL	5624506	5.0	4.2 gpm (15.9 lpm)	14,000 gal (52,996 L)	(2) HF65-CL 5628902	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020303528				70020300433	00054007971344		00054007971344

Connections: 3/4" MNPT. Product Dimensions: 23-5/8" H x 5" D (60 cm x 12.7 cm)
Shipping Dimensions: Contact Factory Cubic Feet: Contact Factory

HF295-CL Twin, High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF295-CL	5627501	5.0	5 gpm (19 lpm)	60,000 gal (227,100 L)	(2) HF95-CL 5627302	Sediment, chloramine, chlorine taste and odor	Contact Factory	1
	70020283985				70020283795	00016145266263		00016145266263

Connections: 3/4" MNPT. Product Dimensions: Contact Factory
Shipping Dimensions: Contact Factory

Chloramine Reduction Systems (Cont.)

DP295-CL Dual Port, High Capacity Chloramine Reduction System

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP295-CL	5624204	5.0	5 gpm (19 lpm)	60,000 gal (227,100 L)	DP295-CL CARTPAK 5613818	Sediment, chloramine, chlorine taste and odor, scale	Contact Factory	1
	70020283977				70020283969	00016145266263		00016145266263

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 23-5/16" W x 5-7/16" D (61.1 cm x 59.2 × 13.8 cm)

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.

Multi-Equipment/Combinations

Dual Port 190 Series Manifold Filter System with Shut-off Valve —
For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP190	5624301	0.2	5.0 gpm (18.9 lpm)	54,000 gal (204,412 L)	DP190 CARTPAK 5613801	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	15 lbs. (6.8 kg)	1
	70020228097				70020044346	00016145209604		00016145209604

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 17-1/4" W x 5-7/16" D (61.1 cm x 43.8 cm x 13.8 cm)

Dual Port 260 Series Manifold Filter System with Shut-off Valve —
For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP260	5625501	0.2	6.68 gpm (25.3 lpm)	70,000 gal (264,950 L)	DP260 CARTPAK 5613814	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	Contact Factory	1
	70020259118				70020244912	00016145242236		00016145242236

Connections: 3/4" MNPT. Product Dimensions: 18" H x 25-5/16" W x 5-7/16" D (45.7 cm x 64.3 cm x 13.8 cm)

Dual Port 290 Series Manifold Filter System with Shut-off Valve —
For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP290	5624201	0.2	10.0 gpm (37.9 lpm)	108,000 gal (408,823 L)	DP290 CARTPAK 5613802	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	23 lbs. (10.43 kg)	1
	70020229350				70020044353	00016145210884		00016145210884

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 23-5/16" W x 5-7/16" D (61.1 cm x 59.2 cm x 13.8 cm)

DP295 Twin, High Capacity Dual Port Chloramine Reduction System —
For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP295-CL	5624204	5.0	5.0 gpm (18.9 lpm)	60,000 gal (227,124 L)	DP295-CL CARTPAK 5613818	Sediment, chloramine, chlorine taste and odor, scale	23 lbs. (10.43 kg)	1
	70020283977				70020283969	00016145266256		00016145266256
DP295-CLX	5624206	5.0	Chloramine 3.0 gpm (11.36 lpm)	108,000 gal (408,824 L)"	DP295-CLX CARTPAK 5613830	Sediment, chloramine, chlorine taste and odor, scale[3]	22 lbs.	1
	70020343482		CTO 10.00 gpm (37.85 lpm)		70020343326	00638060360590		00638060360590

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 23-5/16" W x 5-7/16" D (61.1 cm x 59.2 × 13.8 cm)

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.

Multi-Equipment/Combinations (Cont.)

Dual Port 390 Series Manifold Filter System with Shut-off Valve —
For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP390	5624102	0.2	15.0 gpm (56.8 lpm)	162,000 gal (613,235 L)	DP390 CARTPAK 5613803	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	31 lbs. (14.06 kg)	1
	70020228402				70020132364	00016145209918		00016145209918

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 29-5/16" W x 5-7/16" D (61.1 cm x 74.5 cm x 13.8 cm)

CARTPAK Replacement Cartridges

Model No.	Part No./ 3M ID#	Micron	Replacement Cartridge	Reduction Claims	Cu. Ft./ Shipping Dim./ Prod Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DP190 CARTPAK	5613801	0.2	(1) HF90: 5613503 & (1) HF8-S: 5582106	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	0.7 cu. ft./ 10" x 5-1/2" x 22" (25.4 cm x 14 cm x 55.9 cm)	6.5 lbs. (2.9 kg)	1
	70020044346				00016145801662		10016145901666
DP260 CARTPAK	5613814	0.2	(2) HF60: 5613403 & (1) HF8-S: 5582106	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm x 25.4 cm x 55.9 cm)	Contact Factory	1
	70020244912				00016145228018		00016145228018
DP290 CARTPAK	5613802	0.2	(2) HF90: 5613503 & (1) HF8-S: 5582106	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm x 25.4 cm x 55.9 cm)	11.5 lbs. (5.2 kg)	1
	70020044353				00016145801679		10016145901673
DP295-CL CARTPAK	5613818	5	(2) HF95-CL: 5627302 & (1) HF8-S: 5582106	Sediment, chloramine, chlorine taste and odor	Contact Factory	Contact Factory	1
	70020283969				00016145266249		00016145266249
DP295-CLX CARTPAK	5613830	0.2	(2) HF95-CLX cartridges & (1) HF8-S cartridge	Sediment, chloramine, chlorine taste and odor, scale[3]	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	15.2 lbs.	1
	70020343326				00068060553508		50068060553503
DP390 CARTPAK	5613803	0.2	(3) HF90: 5613503 & (1)HF8-S: 5582106	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm x 25.4 cm x 55.9 cm)	16.5 lbs. (7.5 kg)	1
	70020132364				00016145801686		10016145901680

Multi-Equipment/Combinations (Cont.)

Dual Flow 260 Chloramine Reduction Manifold Filter System

Model No.	Part No./ 3M ID#	Flow Rate/ Micron	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DF260-CLX[4,5]	5627003	Chloramine 3.34 gpm (12.64 lpm) CTO 7.00 gpm (26.50 lpm)	12,600 gal (47,696 L) chloramine	DF260-CLX CARTPAK 5613831	Bacteria[2], sediment, chloramine, chlorine taste and odor, scale[3], cyst[1]	22.5 lbs.	1
	70020343607	0.2	70,000 gal (264,979 L) chlorine	70020343300	00638060360699		00638060360699
DF265-CLX[4,6]	5627004	Chloramine 2.00 gpm (12.64 lpm) CTO 7.00 gpm (26.50 lpm)	70,000 gal (264,979 L)	DF265-CLX CARTPAK 5613832	Sediment, chloramine, chlorine taste and odor, scale[3]	23.3 lbs.	1
	70071473105	5.0		70020343375	00638060360675		00638060360675

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 22-7/8" W x 5/3/8" D (66.1 cm x 58.1 cm x 13.8 cm)
Shipping Dimensions: Contact Factory

Dual Flow 290 Chloramine Reduction Manifold Filter System with Shut-off Valve

Model No.	Part No./ 3M ID#	Flow Rate/ Micron	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DF290-CL	5623601	Beverage 2.66 gpm (10.1 lpm) Ice 5 gpm (18.9 lpm)	Beverage 25,000 gal (94,635 L) Ice: N/A	DF290-CL CARTPAK 5613807	Bacteria[2], sediment, chlorine taste and odor, cyst[1], chloramine, scale	20 lbs. (9.1 kg)	1
	70020229327	0.2			00016145210853		00016145210853
DF290-CLX[6]	5623603	Chloramine 3.34 gpm (12.64 lpm) CTO 10.00 gpm (37.85 lpm)	28,000 ga (105,992 L) chloramine	DF290-CLX CARTPAK 5613833	Bacteria[2], sediment, chloramine, chlorine taste and odor, scale[3], cyst[1]	23.7 lbs.	1
	70020343433	0.2	70,000 gal (264,979 L) chlorine	70020343268	00068060553546		00068060553546

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 22-7/8" W x 5/3/8" D (66.1 cm x 58.1 cm x 13.8 cm)
Shipping Dimensions: Contact Factory

DIDF260 Dual Flow Chloramine Reduction Manifold Filter System

Model No.	Part No./ 3M ID#	Flow Rate/ Micron	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DIDF260-CLX[4,5]	5627603	Chloramine 3.34 gpm (12.64 lpm) CTO 7.00 gpm (26.50 lpm)	12,600 gal (47,696 L) chloramine	DIDF260-CLX CARTPAK 5613834	Bacteria[2], sediment, chloramine, chlorine taste and odor, scale[3], cyst[1]	20.8 lbs.	1
	70071473121	0.2	70,000 gal (264,979 L) chlorine	70020343334	00068060553706		50068060553701
DIDF265-CLX[4,6]	5627604	Chloramine 2.00 gpm (12.64 lpm) CTO 7.00 gpm (26.50 lpm)	70,000 gal (264,979 L)	DIDF265-CLX CARTPAK 5613835	Sediment, chloramine, chlorine taste and odor, scale[3]	21.6 lbs.	1
	70071473139	5.0		70020343383	00068060553713		50068060553718

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 22-7/8" W x 5/3/8" D (66.1 cm x 58.1 cm x 13.8 cm)
Shipping Dimensions: Contact Factory

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] Separate inlet for ice and beverage flow.
[5] Flow rate shown in the table is for beverage/coffee machines outlet. Ice machine flow rate for all Dual Flow Series products listed is 3.34 gpm.
[6] Flow rate shown in the table is for beverage/coffee machines outlet. Ice machine flow rate for all Dual Flow Series products listed is 5 gpm.

Multi-Equipment/Combinations (Cont.)

CARTPAK Replacement Cartridges

Model No.	Part No./ 3M ID#	Micron	Replacement Cartridge	Reduction Claims	Cu. Ft./ Shipping Dim./ Prod Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DF260-CLX CARTPAK	5613831	0.2	(2) HF60-CLX cartridges, (1) HF60-S-SR5 cartridge, & (1) HF8-S cartridge	Bacteria[2], sediment, chloramine, chlorine taste and odor and cyst[1]	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	12.6 lbs.	1
	70020343300				00068060553492		50068060553497
DF265-CLX CARTPAK	5613832	5.0	(2) HF65-CLX cartridges, (1) HF65-S-SR5 cartridge, & (1) HF8-S cartridge	Sediment, chloramine, chlorine taste and odor, scale[3]	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	13.4 lbs.	1
	70020343375				00068060553522		50068060553527
DF290-CLX CARTPAK	5613833	0.2	(2) HF90-CLX cartridges & (1) HF90-S-SR5 cartridge	Bacteria[2], sediment, chloramine, chlorine taste and odor and cyst[1]	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	15.8 lbs.	1
	70020343268				00068060553485		50068060553480
DIDF260-CLX CARTPAK	5613834	0.2	(2) HF60-CLX cartridges & (1) HF60-S-SR5 cartridge	Bacteria[2], sediment, chloramine, chlorine taste and odor, scale[3], cyst[1]	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	11.8 lbs.	1
	70020343334				00068060553515		50068060553510
DIDF265-CLX CARTPAK	5613835	5.0	(2) HF65-CLX cartridges & (1) HF65-S-SR5 cartridge	Sediment, chloramine, chlorine taste and odor, scale[3]	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	12.6 lbs.	1
	70020343383				00068060553539		50068060553534

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.

Espresso Brewing

ESP Series Softener Systems
Valve-in-Head Extended Length Style Softener System

Model No.	Part No./ 3M ID#	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ESP124-T	5634802	0.5 gpm (1.9 lpm)	1,100 grains	PS124 5633802	Softening, chlorine taste and odor	12 lbs. (5.4 kg)	4
	UU001540663			UU001540366	Contact Factory		Contact Factory

Connections: 3/8" FNPT. Product Dimensions: 19-3/4" H x 4-7/16" D (50.2 cm x 11.3 cm)
Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm) Cubic Feet: 1.8

SGP Series Hardness Reduction Systems with Blending
ScaleGard™ Pro Valve-in-Head System

Model No.	Part No./ 3M ID#	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGP124BN-T	5634801	0.5 gpm (1.9 lpm)	422.6 gal (1,600 L) @ 10.5 gpg hardness	P124BN 5633801	Scale reduction, chlorine taste and odor	15.5 lbs. (7 kg)	4
	UU001540655			UU001540374	Contact Factory		Contact Factory

Connections: 3/8" FNPT. Product Dimensions: 19-3/4" H x 4-7/16" D (50.2 cm x 11.3 cm)
Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm) Cubic Feet: 1.8

ScaleGard™ Pro Valve-in-Head System

Model No.	Part No./ 3M ID#	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGP165BN-T	5633201	1.0 gpm (3.8 lpm)	719 gal (2,722 L) @ 9.0 gpg hardness	P165BN 5633001	Scale reduction, chlorine taste and odor	5.8 lbs. (2.6 kg)	1
	UU001541224			UU001540903	Contact Factory		Contact Factory

Connections: 3/8" FNPT. Product Dimensions: 16-7/16" H x 5-1/16" D (41.8 cm x 12.9 cm)
Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.3

ScaleGard™ Pro Valve-in-Head System

Model No.	Part No./ 3M ID#	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGP195BN-T	5633301	1.0 gpm (3.8 lpm)	1,200 gal (4,542 L) @ 9.0 gpg hardness	P195BN 5633101	Scale reduction, chlorine taste and odor	8.5 lbs. (3.9 kg)	1
	UU001541232			UU001540341	Contact Factory		Contact Factory

Connections: 3/8" FNPT. Product Dimensions: 22-7/16" H x 5-1/16" D (57 cm x 12.9 cm)
Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm) Cubic Feet: 0.4

ESP Series Softening and ScaleGard™ Pro Sizing Guide

Inlet Hardness (ppm)	Capacity Gallons (Liters)			
	ESP124-T	SGP124	SGP165	SGP195
50 (3)	367 (1388)	1525 (5773)	2157 (8164)	3595 (13607)
60 (4)	275 (1041)	1271 (4811)	1798 (6804)	2996 (11339)
100 (6)	183 (694)	763 (2886)	1079 (4082)	1798 (6804)
140 (8)	138 (520)	545 (2062)	770 (2916)	1284 (4860)
180 (11)	100 (379)	424 (1604)	599 (2268)	999 (3780)
200 (12)	92 (347)	381 (1443)	539 (2041)	899 (3402)
240 (14)	79 (297)	318 (1203)	449 (1701)	749 (2835)
280 (16)	69 (260)	272 (1031)	385 (1458)	642 (2430)
320 (19)	58 (219)	238 (902)	337 (1276)	562 (2126)
360 (21)	52 (198)	212 (802)	300 (1134)	499 (1890)
400 (23)	48 (181)	191 (722)	270 (1021)	449 (1701)

Please refer to Replacement Cartridges section for replacement filter cartridges.

Espresso Brewing (Cont.)

ScaleGard™ Blend Series of Heads

Model No.	Part No./ 3M ID#	Type	Flow Rate	Capacity	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BH3-NPT Head	6240807	Valve-in-head assembly with blend adjustment and NPT fittings	N/A	N/A	N/A	Contact Factory	1
	70020333350				051128899465		051128899465
BH3M-NPT Head	6240809	Valve-in-head assembly with blend adjustment with Local monitor and NPT fittings	N/A	N/A	N/A	Contact Factory	1
	70020333335				051128899441		051128899441
BH3WM-NPT Head[1]	6240810	Valve-in-head assembly with blend adjustment with Wi-Fi monitor and NPT fittings	N/A	N/A	N/A	Contact Factory	1
	70020333327				051128899434		051128899434

[1]Use of the monitor with the Wi-Fi and the APP are required to monitor water filtration equipment remotely.

ScaleGard™ Blend Series of Cartridges
For use with ScaleGard™ Blend Series of Heads

Model No.	Part No./ 3M ID#	Type	Flow Rate	Capacity	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
B145-CLS	5629701	WAC resin cartridge with chlorine/ chloramine reduction[2] and adjustable blend	0.5 gpm (1.9 lpm)	530 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001529195				04046719898282		04046719898282
B165-CLS	5630401	WAC resin cartridge with chlorine/ chloramine reduction[2] and adjustable blend	0.5 gpm (1.9 lpm)	749 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001527595				04046719898312		04046719898312
B195-CLS	5630501	WAC resin cartridge with chlorine/ chloramine reduction[2] and adjustable blend	0.5 gpm (1.9 lpm)	1,249 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001528601				04046719898299		04046719898299

[1] Capacity based on standard blend for coffee machines without steam operation.
[2] As tested and verified by manufacturer's laboratory.

ScaleGard™ Pro Series of Cartridges
For use with VH3 Series of Heads

Model No.	Part No./ 3M ID#	Type	Flow Rate	Capacity	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
P145BN-CL	5630801	WAC resin cartridge with chlorine/chloramine reduction[2] and fixed 25% blend	0.5 gpm (1.9 lpm)	423 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001528510				04046719901968		04046719901968
P165BN-CL	5630901	WAC resin cartridge with chlorine/chloramine reduction[2] and fixed 25% blend	0.5 gpm (1.9 lpm)	599 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001528361				04046719898305		04046719898305
P195BN-CL	5631001	WAC resin cartridge with chlorine/chloramine reduction[2] and fixed 25% blend	0.5 gpm (1.9 lpm)	998 gal[1] @ 11 gpg hardness	Scale[2], chlorine taste and odor, and chloramine[2]	Contact Factory	1
	UU001529534				04046719901944		04046719901944
P124BN	5633801	WAC resin cartridge with chlorine reduction and fixed 25% blend	0.5 gpm (1.9 lpm)	423 gal[1] @ 11 gpg hardness	Scale, chlorine taste and odor	16 lbs.	4
	UU001540374				Contact Factory		Contact Factory
P165BN	5633001	WAC resin cartridge with chlorine reduction and fixed 25% blend	1.0 gpm (3.8 lpm)	599 gal[1] @ 11 gpg hardness	Scale, chlorine taste and odor	5 lbs.	1
	UU001540903				Contact Factory		Contact Factory
P195BN	5633101	WAC resin cartridge with chlorine reduction and fixed 25% blend	0.5 gpm (13.8 lpm)	998 gal[1] @ 11 gpg hardness	Scale, chlorine taste and odor	7.9 lbs.	1
	UU001540341				Contact Factory		Contact Factory

[1] Capacity based on fixed 25% blend.
[2] As tested and verified by manufacturer's laboratory.

Iced Tea Brewing

Valve-in-Head Filter System
96,000 cup capacity (12 oz.)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BREW120-MS	5616001	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	HF20-MS 5615109	Sediment, chlorine taste and odor, scale[2], cyst[1]	19 lbs. (8.6 kg)	6
	70020020700				70020020593	00016145801167		10016145901161

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D (39.4 cm x 11.4 cm)
Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm) Cubic Feet: 2.2

Valve-in-Head Filter System
106,666 cup capacity (12 oz.)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BREW125-MS	5616002	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	HF25-MS 5615209	Sediment, chlorine taste and odor, scale[2]	19 lbs. (8.6 kg)	6
	70020020718				70020020635	00016145801136		10016145901130

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D (39.4 cm x 11.4 cm)
Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm) Cubic Feet: 2.2

Valve-in-Head Filter System
134,400 cup capacity (12 oz.)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BEV135	5616102	1.0	1.67 gpm (6.3 lpm)	12,600 gal (47,696 L)	HF35 5615205	Sediment, chlorine taste and odor	15.5 lbs. (7 kg)	4
	70020044361				70020043090	00016145801013		10016145901017

Connections: 3/8" FNPT. Product Dimensions: 21-1/4" H x 4-1/2" D (54 cm x 11.4 cm)
Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm) Cubic Feet: 1.8

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] As tested and verified by manufacturer's laboratory.
Please refer to Replacement Cartridges section for replacement filter cartridges.

Steamers, Combi Ovens and Proofer Ovens

Steamer Filtration System
For Ice: Cubers to 1,200 lbs. (544 kg), flakers to 2,400 lbs. (1,089 kg), coffee brewers and steamers to demand flow rates of 3.34 gpm (12.64 lpm)

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	
SF165	5624601	3.0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	SF165 CARTPAK 5613811	Sediment, chlorine taste and odor, scale	6 lbs. (2.7 kg)	1
	70020228113				70020144013	00016145209628		00016145209628

Connections: 3/4" NPTF. Product Dimensions: 18-1/16" H x 17-1/4" W x 5-7/16" D (45.9 cm x 43.8 cm x 13.8 cm)
Shipping Dimensions: Contact Factory

Replacement Cartridge

Model No.	Part No./ 3M ID#	Micron	Flow Rate	Capacity	Replacement Cartridge	Reduction Claims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SF165 CARTPAK	5613811	3.0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	(1) HF65: 5613407 (1) HF8-S: 5582113	Sediment, chlorine taste and odor, scale	Contact Factory	1
	70020144013				70020115476/ 70020319029	00016145140853		00016145140853

SGLP-CL Reverse Osmosis Systems for Combi Ovens and Steamers

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGLP200-CL	5636202	Combi Oven and Boilerless steamer RO System — Two High Ovens	200 gpd[1] (757 lpd)	Sediment, chlorine taste and odor, chloramine, hardness[2] and TDS reduction	Contact Factory	Contact Factory	1
	70020337773				00076308783853		00076308783853
SGLP200-CL-BP	5636203	Combi Oven and Boilerless steamer RO System — Two High Ovens	200 gpd[1] (757 lpd)	Sediment, chlorine taste and odor, chloramine, hardness[2] and TDS reduction	Contact Factory	Contact Factory	1
	70020337781				00076308783860		00076308783860

SGLP-CL Accessories, Replacement Prefilter and RO Membrane(s)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF65-CL	5628902	Replacement prefilter cartridge	1	15,000 gallons (5,678 L) at 1 gpm (3.78 lpm)	5 micron; sediment, chloramine, chlorine taste and odor reduction	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	Contact Factory	1
	70020300433					00054007970330		00054007970330
CFS M (RO Membrane)	5625004	SQC style replacement RO membrane	1 or 2	100 gpd[1] (378.5 lpd)	TDS reduction	Contact Factory	Contact Factory	16
	70020322767					00051128895061		00051128895061

[1] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C). Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.
[2] As tested and verified by manufacturer's laboratory.

Steamers, Combi Ovens and Proofer Ovens (Cont.)

Reverse Osmosis TDS Reduction

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGLP-075 with Permeate Pump	5612304	Line pressure RO system. Use CFS M RO membrane with p/n 5598729	75 gpd[1] (283.9 lpd)	Sediment, chlorine taste and odor, TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1
	70020020031				00016145008580		00016145008580

Connections: 1/4" inlet, 3/8" outlet and 1/4" tube drain. Product Dimensions: 17-3/4" H x 12-1/4" W x 9-3/8" D (45 cm x 31.31 cm x 23.8 cm)

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
FSTM075 without Permeate Pump	5612306	Line pressure RO system. Use CFS M RO membrane with p/n 5598728	75 gpd[1] (283.9 lpd)	Sediment[2], chlorine taste and odor[2], TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1
	70020210848				00016145198021		00016145198021

Connections: 1/4" inlet, 3/8" outlet and 1/4" tube drain. Product Dimensions: 15-7/8" H x 12-1/4" W x 9-3/8" D (45 cm x 31.1 cm x 23.8 cm)

SGLP/FSTM Replacement Cartridge(s) and RO Membranes

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
Prefilter	5570613	SQC style	1	N/A	Sediment, chlorine taste and odor	Contact Factory	17 lbs. (7.71)	1
	70020323369					00051128889480		00051128889480
CFS M (RO Membrane)	5598728	SQC style. For FSTM075 5612306	1	75 gpd[1] (283.9 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322726					00051128889824		50051128889829
CFS M (RO Membrane)	5598729	SQC Style. For SGLP075 5612304	1	75 gpd[1] (283.9 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322734					00051128889497		00051128889497
M cartridge	5598725	RO Membrane for STM/ TSR Systems	1	150 gpd[1] (568 lpd)	TDS reduction	0.4	6 lbs. (2.7 kg)	4
	70020322692					00051128889510		50051128889515

ScaleGard™ HP Reverse Osmosis System

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ScaleGard™ HP Reverse Osmosis System High Pressure RO System w/ cartridge and RO membrane	5629101	(110-120VAC) w/ Prefilter and RO cartridges– USA plug	930-1,040 gpd (2,839-3,551 lpd)	N/A	Contact Factory	Contact Factory	1
	70020301092				Contact Factory		Contact Factory

Connections: 1/2" FNPT; outlet 1/2" FNPT. Product Dimensions: Contact Factory
6239301 (ScaleGard HP reverse osmosis system (110V) without prefilter and RO cartridges).

[1] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C). Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.
[2] As tested and verified by manufacturer's laboratory.

Steamers, Combi Ovens and Proofer Ovens (Cont.)

ScaleGard™ HP Replacement RO Membrane Cartridge(s)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF90-CL-RO	5613529	Prefilter for ScaleGard™ HP	1	9,000	Bacteria[2], sediment[3], chloramine[3], cyst[1] chlorine taste and odor[3]	Contact Factory	Contact Factory	1
	70020297852					00016145801617		10016145901611

ScaleGard™ HP Replacement Cartridge(s)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HFRO 500[4]	5626903	RO Cartridge for ScaleGard™ HP	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020274760					00016145257391		00016145257391

ScaleGard™ HP Installation Kit

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ScaleGard™ HP Install Kit	6841441	Installation Kit	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020299908					00054007967767		00054007967767

ScaleGard™ Expansion Manifolds

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGHP Pre-Exp	6235205	Expansion Manifold	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020315621					00054007980018		00054007980018
SGHP RO-Exp	6232705	RO-Expansion Manifold	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020315613					00054007980001		00054007980001

TFS450 Series Reverse Osmosis w/T.D.S. (Total Dissolved Solids) Blending Valve

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
TFS450 RO System cartridges included	5623901	Line pressure RO system	300 gpd[5] (1135.6 lpd) without Blending 444 gpd[5] (1680.7 lpd) with Blending	Sediment, chlorine taste and odor, TDS reduction	Contact Factory	31 lbs. (14 kg)	1
	70020217751				00016145213137		00016145213137

Shipping Dimensions: 7" x 30" x 20" (17.8 cm x 76.2 cm x 50.8 cm)
Connections: inlet: 3/8" FNPT; outlet 1/2" FNPT. Product Dimensions: 17-15/16" H x 22" W x 10-5/8" D (45.6 × 55.9 × 27 cm)
Note: For storage tank options refer below and pages 19 and 24.

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.
[5] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C).

TFS450 Replacement Cartridge(s)

	Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	TFS450 CARTPAK includes prefilter, post filter, (2) RO Modules	5624801	SQC style	1	N/A	Sediment, chlorine taste and odor, TDS reduction	Contact Factory	Contact Factory	1
		70020217785					00016145216275		00016145216275
	TFS450 CARTPAK includes (2) RO Modules	5624803	SQC style	1	N/A	TDS reduction	Contact Factory	Contact Factory	16
		70020347376					00051128889503		00051128889503
	TFS450 Install Kit	50-91301	Installation Kit			1	Contact Factory	Contact Factory	1
		70020230754					00016145213120		00016145213120

Reverse Osmosis Storage Tanks[1]

	Model No.	Part No./ 3M ID#	Dimensions	Qty. Req'd	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	5 gal. drawdown tank	5598406	16-1/2" H x 15" D (41.9 cm x 38.1 cm)	1	Contact Factory	20 lbs. (9.1 kg)	1
		70020018001			00016145008047		00016145008047
	10 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598407	32-1/2" H x 16" D (81.9 cm x 40.6 cm)	1	Contact Factory	23 lbs. (10.4 kg)	1
		70020018019			00016145008054		00016145008054
	20 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598408	56-3/4" H x 16" D (144.1 cm x 40.6 cm)	1	Contact Factory	42 lbs. (19.1 kg)	1
		70020018027			00016145008061		00016145008061
	20 gal. drawdown tank, metal, connects to 3/8" or 1/2" tubing	56-1517161	37.5" H x 21" D (95.2 cm x 53.3 cm)	1	Contact Factory	Contact Factory	1
		70020170737			00016145165290		00016145165290
	40 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598409	55-1/2" H x 24-1/4" D (141 cm x 61.6 cm)	1	Contact Factory	87 lbs. (39.5 kg)	1
		70020018035			00016145008078		00016145008078

[1] Drawdown @ 60 psi with 15 psi pre-charge

Reverse Osmosis Systems

Reverse Osmosis Systems for Steamers

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
FSTM075 without Permeate Pump	5612306	Line pressure RO system Use RO membrane with p/n 5598728	75 gpd[1] (283.9 lpd)	Sediment[3], chlorine taste and odor[3], TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1
	70020210848				00016145198021		00016145198021

Connections: 1/4" inlet, 3/8" outlet and 1/4" tube drain. Product Dimensions: 15-7/8" H x 12-1/4" W x 9-3/8" D (45 cm x 31.1 cm x 23.8 cm)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
Prefilter	5570613	SQC style	1	N/A	Sediment, chlorine taste and odor	Contact Factory	17 lbs. (7.71)	1
	70020323369					00051128889480		00051128889480
CFS M (RO Membrane)	5598728	SQC style. For FSTM-075 5612306	1	75 gpd[2] (283.9 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322726					00051128889824		50051128889829

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGLP-075 with Permeate Pump	5612304	Line pressure RO system Use RO membrane with p/n 5598729	75 gpd[1] (283.9 lpd)	Sediment, chlorine taste and odor, TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1
	70020020031				00016145008580		00016145008580

Connections: 1/4" inlet, 3/8" outlet and 1/4" tube drain. Product Dimensions: 17-3/4" H x 12-1/4" W x 9-3/8" D (45 cm x 31.31 cm x 23.8 cm)

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
Prefilter	5570613	SQC style	1	N/A	Sediment, chlorine taste and odor	Contact Factory	17 lbs. (7.71)	1
	70020323369					00051128889480		00051128889480
CFS M (RO Membrane)	5598729	SQC Style. For SGLP-075 5612304	1	75 gpd[2] (283.9 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322734					00051128889497		00051128889497

[1] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C)
[2] Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.
[3] As tested and verified by manufacturer's laboratory.

Reverse Osmosis Systems (Cont.)

SGLP-CL Reverse Osmosis Systems for Combi Ovens and Steamers

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGLP200-CL	5636202	Combi Oven and Boilerless steamer RO System — Two High Ovens	200 gpd[1] (757 lpd)	Sediment, chlorine taste and odor, chloramine, hardness[3] and TDS reduction	Contact Factory	Contact Factory	1
	70020337773				00076308783853		00076308783853

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF65-CL	5628902	Replacement prefilter cartridge	1	15,000 gallons (5,678 L) at 1 gpm (3.78 lpm)	5 micron; sediment, chloramine, chlorine taste and odor reduction	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	Contact Factory	1
	70020300433					00054007970330		00054007970330

CFS M (RO Membrane)	5625004	SQC style replacement RO membrane	2	100 gpd[2] (378.5 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322767					00051128895061		00051128895061

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGLP200-CL-BP	5636203	Combi Oven and Boilerless steamer RO System — Two High Ovens, Includes Cleaning Bypass	200 gpd[1] (757 lpd)	Sediment, chlorine taste and odor, chloramine, hardness[3] and TDS reduction	Contact Factory	Contact Factory	1
	70020337781				00076308783860		00076308783860

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF65-CL	5628902	Replacement prefilter cartridge	1	15,000 gallons (5,678 L) at 1 gpm (3.78 lpm)	5 micron; sediment, chloramine, chlorine taste and odor reduction	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	Contact Factory	1
	70020300433					00054007970330		00054007970330

CFS M (RO Membrane)	5625004	SQC style replacement RO membrane	2	100 gpd[2] (378.5 lpd)	TDS reduction	Contact Factory	Contact Factory	1
	70020322767					00051128895061		00051128895061

[1] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C)
[2] Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.
[3]As tested and verified by manufacturer's laboratory.

Reverse Osmosis Systems (Cont.)

Reverse Osmosis Systems for Coffee

	Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	Reverse Osmosis Membrane for Model SGLP2-DUAL	66-931601			444 gpd[5] (47 lpd)	Sediment, chlorine taste and odor, TDS reduction	Contact Factory		16
		70020331750					00051128898215		50051128898210
	HF20	5615101			9,000 gal (34,069 L)	0.5 micron; sediment, chlorine taste and odor, cyst[1]	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
		70020020551					00016145801396		10016145901390
	TFS450 RO System cartridges included	5623901	Line pressure RO system	300 gpd[4] (1135.6 lpd) without Blending 444 gpd[4] (1680.7 lpd) with Blending		Sediment, chlorine taste and odor, TDS reduction	Contact Factory	31 lbs. (14 kg)	1
		70020217751					00016145213137		00016145213137

Connections: inlet: 3/8" FNPT; outlet 1/2" FNPT. Product Dimensions: 17-15/16" H x 22" W x 10-5/8" D (45.6 cm x 55.9 cm x 27 cm)

	Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	HF95	5613507			54,000 gal (204,412 L)	3 micron; sediment[3], chlorine taste and odor reduction	0.4	5 lbs. (2.3 kg)	1
		70020020171					00016145801570		10016145901574
	CFS M (RO Membrane)	5625004	SQC style replacement RO membrane	1 or 2	100 gpd[5] (378.5 lpd)	TDS reduction	Contact Factory	Contact Factory	1
		70020322767					00051128895061		00051128895061
	TFS450 CARTPAK includes (2) RO modules	5624803	SQC style	1	N/A	TDS reduction	Contact Factory	Contact Factory	16
		70020347376					00051128889503		00051128889503
	HF90	5613503	0.2 micron; bacteria[2], sediment, chlorine taste and odor, cyst[1]	5 gpm (18.9 lpm)	54,000 gal (204,412 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
		70020020155					00016145801587		10016145901581

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C).
[5] Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.

Reverse Osmosis Systems (Cont.)

ScaleGard™ HP Reverse Osmosis System

Model No.	Part No./ 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ScaleGard™ HP Reverse Osmosis System High Pressure RO System w/ cartridge and RO membrane	5629101	(110-120VAC) w/ Prefilter and RO cartridges-USA plug	930-1,040 gpd[4] (2,839-3,551 lpd)	N/A	Contact Factory	Contact Factory	1
	70020301092				Contact Factory		Contact Factory

Connections: 1/2" FNPT; outlet 1/2" FNPT. Product Dimensions: Contact Factory.
6239301 (ScaleGard HP reverse osmosis system (110V) without prefilter and RO cartridges) Contact Factory for pricing.

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF90-CL-RO	5613529	Prefilter for ScaleGard™ HP	1	N/A	Bacteria[2], cyst[1], sediment[3], chloramine[3], chlorine taste and odor[3]	Contact Factory	Contact Factory	1
	70020297852					00016145801617		10016145901611
HFRO 500[5]	5626903	RO Cartridge for ScaleGard™ HP	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020274760					00016145257391		00016145257391

ScaleGard™ HP Installation Kit

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
ScaleGard™ HP Install Kit	6841441	Installation Kit	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020299908					00054007967767		00054007967767

ScaleGard™ Expansion Manifolds

Model No.	Part No./ 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGHP Pre-Exp	6235205	Expansion Manifold	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020315621					00054007980018		00054007980018
SGHP RO-Exp	6232705	RO-Expansion Manifold	1	N/A	N/A	Contact Factory	Contact Factory	1
	70020315613					00054007980001		00054007980001

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory.
[4] gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C).
[5] Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow.

Reverse Osmosis Storage Tanks

	Model No.	Part No./ 3M ID#	Dimensions	Qty. Req'd	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	2.5 gal. RO Storage Tank w/ 90° 1/4" JG Ball Valve	5598405	17" H x 11" W x 17" L (43.2 cm x 27.9 cm x 43.2 cm)	1	Contact Factory	Contact Factory	1
		70020017995			00016145008030		00016145008030
	5 gal. drawdown Tank for STM/TFS RO Systems. Comes with connection kit	5598406	16-1/2" H x 15" D (41.9 cm x 38.1 cm)	1	Contact Factory	20 lbs. (9.1 kg)	1
		70020018001			00016145008047		00016145008047
	10 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598407	32-1/2" H x 16" D (81.9 cm x 40.6 cm)	1	Contact Factory	23 lbs. (10.4 kg)	1
		70020018019			00016145008054		00016145008054
	20 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598408	56-3/4" H x 16" D (144.1 cm x 40.6 cm)	1	Contact Factory	42 lbs. (19.1 kg)	1
		70020018027			00016145008061		00016145008061
	20 gal. drawdown tank, metal, connects to 3/8" or 1/2" tubing	56-1517161	37-1/2" H x 21" D (95.2 cm x 53.3 cm)	1	Contact Factory	Contact Factory	1
		70020170737			00016145165290		00016145165290
	40 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598409	55-1/2" H x 24-1/4" D (141 cm x 61.6 cm)	1	Contact Factory	87 lbs. (39.5 kg)	1
		70020018035			00016145008078		00016145008078

Warewashing

Vinylester Warewashing Systems
Incoming water at or below 150°F

Model No.	Part No./ 3M ID#	Type	Description	Service Flow	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HWS050	HWS050	16,000 grain capacity Max. temp. 150°F (65.6°C)	Vinylester resin tank 115 vac to 24 volt transformer Bypass included 3/4" FNPT connection	5 gpm (18.9 lpm)	9.9	44 lbs. (20 kg)	1
	70020095470				00016145056079		00016145056079

Product dimensions for HWS050: 27" H x 10" D (68.6 cm x 25.4 cm) Brine Tank - 26" H x 25" D (66.04 cm x 83.82 cm)

Steam Tables

In-line Scale Inhibition System

Model No.	Part No./ 3M ID#	Reduction Claims	Flow Rate	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SF18-S	5607708	High temperature scale inhibition feeder system	6 gpm (22.7 lpm)	N/A	0.5	14 lbs. (6.4 kg)	6
	70020319110				00016145132742		10016145132749

Connections: 3/4" NPT inlet/outlet. Product Dimensions: 10-1/4" H x 2-3/4" W x 2-1/4" D (26 cm x 7 cm x 5.7 cm)

Replacement Cartridge(s)

Model No.	Part No./ 3M ID#	Reduction Claims	Flow Rate	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF8-S	5582113	High temperature scale inhibition	6 gpm (22.7 lpm)	N/A	0.5	11 lbs. (5 kg)	10
	70020319029				00016145801785		10016145901789

Automatic Backwash Systems

Standard Backwash Systems
For flow rates from 5 – 7 gpm (18.9 – 26.5 lpm)

Model No.	Part No./ 3M ID#	Type	Service Flow Rate	Peak Flow Rate	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS201BWF	5600203	2.0 cu. ft., bypass valve Mechanical time clock	7 gpm (26.5 lpm)	12 gpm (45.4 lpm)	6.8	73 lbs. (33.1 kg)	1
	70020006030				00016145001550		00016145001550

CFS201BWF Connections: 1" NPT inlet/outlet. Product dimensions for CFS201BWF: 56" H x 18" D (142 cm x 46 cm)

All systems above require media

Model No.	Part No./ 3M ID#	Type	Description	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
A media	A-050P	0.5 cu. ft. Pail	Chlorine taste and odor	Contact Factory	Contact Factory	1
	70020092139			00016145052910		00016145052910
N media	N-050P	0.5 cu. ft. Pail	Corrects highly acidic water with a specific blend of calcium carbonate and magnesium oxide	Contact Factory	Contact Factory	1
	70020097955			00092498003625		00054007970996

Water Softener Systems

Hardness Reduction
Standard Systems for flow rates between 7 – 13.5 gpm (26.5 – 51.1 lpm) with 1" connections

Model No.	Part No./ 3M ID#	Type	Service Flow Rate	Peak Flow Rate/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFSM1254	CFSM1254	2.5 cu. ft./46,500 grain capacity[1] Electronic metered time clock	9 gpm (34.1 lpm)	10 gpm (37.9 lpm)	233 lbs. (105.7 kg)	1
	70020220896			00016145220159		10016145220156

[1] Grain capacity rated 15 lbs. (6.8 kg) of salt per cubic foot.
Note: Prices include brine tanks.

Heads, Manifolds, Flush Kits

ScaleGard™ Blend Series of Heads

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
BH3-NPT Head	6240807	Valve-in-head assembly with blend adjustment and NPT fittings	Contact Factory	1
	70020333350	051128899465		051128899465
BH3M-NPT Head	6240809	Valve-in-head assembly with blend adjustment with Local monitor and NPT fittings	Contact Factory	1
	70020333335	051128899441		051128899441
BH3WM-NPT Head[1]	6240810	Valve-in-head assembly with blend adjustment with Wi-Fi monitor and NPT fittings	Contact Factory	1
	70020333327	051128899434		051128899434

[1]Use of the monitor with the Wi-Fi and the APP are required to monitor water filtration equipment remotely.

High Flow Series, Valve-in-Head

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
VH3-NPT	6213001	3/8" FNPT, Valve-in-Head, with Shroud, Gauge	9.9 lbs. (4.5 kg)	12
	70020021112	00016145802164		10016145902168
VH3-NPT	6213003	3/8" FNPT, Valve-in-Head, with Shroud and plug	9.9 lbs. (4.5 kg)	12
	70020021120	00016145802171		10016145902175
VH3-NPT	6213009	3/8" FNPT, Valve-In-Head	9.9 lbs. (4.5 kg)	12
	70020304039	00016145802034		10016145902038

Shipping Dimensions: 5" H x 23.5" W x 19" D (12.7 × 60.0 × 48.3 cm) Cubic Feet: Contact Factory.

High Flow Series, 5 gpm Head

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
NH3-1/2NPT	6214413	1/2" FNPT with Gauge	9.9 lbs. (4.5 kg)	12
	70020309814	00016145141102		10016145141109
NH3-1/2NPT	6214417	1/2" FNPT with Plugged Gauge Port	9.9 lbs. (4.5 kg)	12
	70020144310	00016145141126		10016145141123
NH3-1/2NPT	6214415	1/2" FNPT[1]	Contact Factory	12
	70020144302	00016145141119		5001614514111 4

[1] 1/2" FNPT inlet and outlet water connections. Designed for use with 3M™ High Flow Series water filtration cartridges rated up to 5 gpm flow rate

High Flow Series Manifold Assemblies — All Manifold Assemblies include shut-off valve and pressure gauge
Single Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SINGLE MANIFOLD (1XX)	6228605	3/4" MNPT, Single Head	Contact Factory	1
	70020329507	00051128893258		00051128893258

Shipping Dimensions: Contact Factory.

Heads, Manifolds, Flush Kits (Cont.)

Twin Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
TWIN MANIFOLD (2XX)	6228505	3/4" MNPT, Dual Head, Parallel Flow	Contact Factory	1
	70020229442	00016145210976		00016145210976

Shipping Dimensions: Contact Factory.

Triple Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
TRIPLE MANIFOLD (3XX)	6228405	3/4" MNPT, Triple Head, Parallel Flow	8.6 lbs. (3.9 kg)	1
	70020228980	00016145210518		00016145210518

Shipping Dimensions: Contact Factory.

Dual Port - Single Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DUAL PORT SINGLE MANIFOLD (DP1XX)	6228603	3/4" MNPT Inlet/Outlets, Single Head, Dual Outlets	7.5 lbs. (3.4 kg)	1
	70020228139	00016145209642		00016145209642

Shipping Dimensions: Contact Factory.

Dual Port - Twin Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DUAL PORT TWIN MANIFOLD (DP2XX)	6228503	3/4" MNPT Inlet/Outlets, Dual Head, Dual Outlets	9.6 lbs. (4.4 kg)	1
	70020229434	00016145210969		00016145210969

Shipping Dimensions: Contact Factory.

Dual Port - Triple Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DUAL PORT TRIPLE MANIFOLD (DP3XX)	6228403	3/4" MNPT Inlet/Outlets, Triple Head, Dual Outlets	8.7 lbs. (3.9 kg)	1
	70020229426	00016145210952		00016145210952

Shipping Dimensions: Contact Factory.

SF Single Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SCALE FEEDER SINGLE MANIFOLD (SF1XX)	6228601	3/4" NPTF Inlet/Outlet, Single Head	Contact Factory	1
	70020228121	00016145209635		00016145209635

Shipping Dimensions: Contact Factory.

Heads, Manifolds, Flush Kits (Cont.)

Dual Flow-Single Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DUAL FLOW MANIFOLD (DF1XX)	6228501	3/4" MNPT Inlet and Outlets to Beverage and Ice	7.3 lbs. (3.3 kg)	1
	70020228451	00016145209963		00016145209963

Shipping Dimensions: Contact Factory.

Dual Flow - Twin Manifold Assembly

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
DUAL FLOW MANIFOLD (DF2XX)	6228401	3/4" MNPT Inlet and Outlets to Beverage and Ice	9.1 lbs. (4.1 kg)	1
	70020228444	00016145209956		00016145209956

Shipping Dimensions: Contact Factory.

SH-EXP Expansion Head

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SH-EXP	6235201	Add On Expansion Head – Increases capacity by turning a Twin Manifold System into a Triple, Triple Manifold System into a Quad, Single Scale Feeder Manifold System into a Twin, Single Dual Port Manifold System into a Twin, A Twin Dual Port Manifold System into a Triple and a Triple Dual Port Manifold System into a Quad and Single Dual Flow System into a Twin and a Twin Dual Flow Manifold into a Triple Dual Flow Manifold System	Contact Factory	1
	70020286095	00016145268076		0016145268076

Shipping Dimensions: Contact Factory.

ScaleGard™ Expansion Manifolds

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
SGHP Pre-Exp	6235205	Pre-Expansion Manifold	Contact Factory	1
	70020315621	00054007980018		00054007980018
SGHP RO-EXP	6232705	RO-Expansion Manifold	Contact Factory	1
	70020315613	00054007980001		00054007980001

Flush Valve Kits

Model No.	Part No./ 3M ID#	Description/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
VH3 Flush Valve Kit	6216505	VH3 Flush Valve Kit with 3/8" NPT Connections	Contact Factory	1
	70020197862	00016145185793		00016145185793
NH3 Flush Valve Kit	6216503	NH3 Flush Valve Kit with 1/2" Connections	Contact Factory	1
	70020160589	00016145155208		00016145155208
High Flow Manifold Flush Kit	5606502	High Flow Series, Manifold Flush Kit with 3/4" Connections	Contact Factory	1
	70020269133	00016145251764		00016145251764

Miscellaneous Parts For High Flow Series Manifolds

Accessories

Model No.	Part No./ 3M ID#	Type	Flow Rate	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
1/2" Shut-off Ball Valve Kit	6216501	Kit-1/2" NPT Shut-off for NH3 Head	N/A	Contact Factory	Contact Factory	12
	70020144336			00016145141140		00016145141140

Pressure Gauge	50-93701	Pressure Gauge for NH3 and VH3 Heads, 1/8" NPT	N/A	Contact Factory	Contact Factory	1
	70020330117	00016145265280		00016145265280		00016145265280
Pressure Gauge	50-93726	Inlet Pressure Gauge for High Flow Multiple Head Manifolds, 1/4" NPT (Lower Mount)	N/A	Contact Factory	Contact Factory	1
	70020330364			00016145267277		00016145267277

Pressure Relief Valve Kit	50-91701	PRV, Retrofit Kit, 3/8" x 1/4" JG w/ 3/8" tubing	N/A	Contact Factory	Contact Factory	1
	70020252527			00016145235955		00016145235955

High Flow Manifold Connectors

Model No.	Part No./ 3M ID#	Type	Flow Rate	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
Male NPT Adapter	50-93732	3/4" Male NPT Adapter (O-ring not included)	N/A	Contact Factory	Contact Factory	1
	70020330422			00016145266287		00016145266287

O-ring	50-93712	O-ring	N/A	Contact Factory	Contact Factory	1
	70020330224			00016145232213		00016145232213

Drop-In Style Filtration System

Single Systems[1]
For 9-3/4" cartridges NOTE: Gauge kits sold separately.

Model No.	Part No./ 3M ID#	Housing Type	Style	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS11S	5558803	Opaque	Non-valved head	1.7	13 lbs. (5.9 kg)	4
	70020015072			00016145073571		10016145073578
CFS11T	5558802	Transparent	Non-valved head	1.7	13 lbs. (5.9 kg)	4
	70020117084			00016145114311		10016145114318
CFS01S	5557503	Opaque Mounting Bracket and Reducing Bushing Included	Valved head	1.5	18 lbs. (8.2 kg)	4
	70020115641			00016145800962		10016145900966
CFS01T	5557506	Transparent Mounting Bracket and Reducing Bushing Included	Valved head	1.5	18 lbs. (8.2 kg)	4
	70020143155			00016145140198		10016145140195

Single Systems[1]
For 19-1/2" cartridges NOTE: Gauge kits sold separately.

Model No.	Part No./ 3M ID#	Housing Type	Style	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS12T	5559307	Transparent	Non-valved head	0.8	9 lbs. (4.1 kg)	2
	70020260405			00016145243479		10016145243476
CFS02S	5557609	Opaque Mounting Bracket and Reducing Bushing Included	Valved head	0.8	9 lbs. (4.1 kg)	2
	70020015007			00016145073519		10016145073516
CFS02T	5557610	Transparent Mounting Bracket and Reducing Bushing Included	Valved head	0.8	9 lbs. (4.1 kg)	2
	70020143163			00016145140204		10016145140201

[1] Housings do not include cartridges or pressure gauges.
Please refer to Replacement Cartridges section for replacement filter cartridges.

3M™ Drop-In Style Large Diameter Single Pre-Filter System

Model No.	Part No./ 3M ID#	Housing Type	Style	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS22B1.0	5639206	Opaque	Drop-in Cartridge	1.638	13.06 lbs. (5.925 kg)	2
	70020351956			00638060355459		50638060355454
CFS22B1.5	5639205	Opaque	Drop-in Cartridge	1.933	13 lbs. (5.895 kg)	2
	70020351949			0068060355404		50638060355409

Replacement Cartridges

High Flow Series, Standard – Large Diameter

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF98	5637320	5.0		75,000 gal (283,906 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	7.1 lbs.	1
	70020353804	Sediment, chlorine taste and odor	CTO 5.00 gpm (18.93 lpm)			00068060553669		50068060553664
HF98-CLX	5637318	5.0	Chloramine 1.50 gpm (5.68 lpm)	75,000 gal (283,906 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	6.1 lbs.	1
	70020353788	Sediment, chloramine, chlorine taste and odor	CTO 5.00 gpm (18.93 lpm)			00068060553645		50068060553640
HF98-CLXS	5637319	5.0	Chloramine 1.50 gpm (5.68 lpm)	75,000 gal (283,906 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	7.2 lbs.	1
	70020353796	Sediment, chloramine, chlorine taste and odor and scale[1]	CTO 5.00 gpm (18.93 lpm)			00068060553652		50068060553657
HF98-S	5637321	5.0		75,000 gal (283,906 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	7.2 lbs.	1
	70020353812	Sediment, chlorine taste and odor and scale[1]	CTO 5.00 gpm (18.93 lpm)			00068060553676		50068060553671
HF95	5613507	3.0	5 gpm (18.9 lpm)	54,000 gal (204,412 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020020171	Sediment[1], chlorine taste and odor reduction				00016145801570		10016145901574
HF95-CL	5627302	5.0	2.5 gpm (9.5 lpm)	30,000 gal (113,550 L)	Contact Factory	Contact Factory	Contact Factory	1
	70020283795	Sediment, chloramine, chlorine taste and odor				00016145266058		10016145901574
HF95-CLX	5637311	5.0	Chloramine 1.50 gpm (5.68 lpm)	54,000 gal (204,412 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	7.1 lbs.	1
	70020342781	Sediment, chloramine, chlorine taste and odor	CTO 5.00 gpm (18.93 lpm)			00068060553478		50068060553473
HF95-CLXS	5637317	5.0	Chloramine 1.50 gpm (5.68 lpm)	54,000 gal (204,412 L)	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	7.2 lbs.	1
	70020353770	Sediment, chloramine, chlorine taste and odor and scale[1]	CTO 5.00 gpm (18.93 lpm)			00068060553638		50068060553633
HF95-S	5613509	3.0	5 gpm (18.9 lpm)	54,000 gal (204,412 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020121433	Sediment[1], chlorine taste and odor, scale inhibitor[1]				00016145801600		10016145901604
HF95-S-SR[2]	5613527	5.0	7 gpm (26.5 lpm)	N/A	Contact Factory	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020300458	Sediment, scale inhibitor				Contact Factory		Contact Factory
HF65	5613407	3 .0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
	70020115476	Sediment[1], chlorine taste and odor reduction				00016145801525		10016145901529

Replacement Cartridges (Cont.)

High Flow Series, Standard – Large Diameter (Cont.)

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF65-CL	5628902	5.0	2.1 gpm (7.9 lpm) 1.7 gpm (6.4 lpm) 1.0 gpm (3.8 lpm)	7,000 gal (26,498 L) 8,000 gal (30,283 L) 15,000 gal (56,781 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	Contact Factory	1
	70020300433	Sediment, chloramine, chlorine taste and odor reduction				00054007970330		00054007970330
HF65-CLX	5637213	5.0	Chloramine 1.00 gpm (3.79 lpm)	35,000 gal (132,489 L)	0.2	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	4.8 lbs.	1
	70020342658	Sediment, chloramine, chlorine taste and odor	CTO 3.5 gpm (13.25 lpm)			00068060553447		50068060553442
HF65-CLXS	5637227	5.0	Chloramine 1.00 gpm (3.79 lpm)	35,000 gal (132,489 L)	0.2	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	4.9 lbs.	1
	70020353762	Sediment, chloramine, chlorine taste and odor and scale[1]	CTO 3.5 gpm (13.25 lpm)			00068060553621		50068060553626
HF65-S	5613409	3.0	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
	70020020130	Sediment[1], chlorine taste and odor, scale inhibitor[1]				00016145801556		10016145901550
HF65-S-SR[2]	5613453	5.0	5 gpm (18.9 lpm)	N/A	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
	70020300425	Sediment, scale inhibitor				Contact Factory		Contact Factory
HF45	5613307	3.0	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg)	2
	70020302918	Sediment[1], chlorine taste and odor reduction				00016145801471		10016145901475
HF45-CLX	5637113	5.0	Chloramine 0.70 gpm (2.65 lpm)	25,000 gal (94,635 L)	0.2	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)"	3.4 lbs.	1
	70020343599	Sediment, chloramine, chlorine taste and odor	CTO 2.50 gpm (9.46 lpm)			00068060553560		50068060553565
HF45-CLXS	5637116	5.0	Chloramine 0.70 gpm (2.65 lpm)	25,000 gal (94,635 L)	0.2	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)	3.6 lbs.	1
	70020353754	Sediment, chloramine, chlorine taste and odor and scale[1]	CTO 2.50 gpm (9.46 lpm)			00068060553614		50068060553619
HF45-S	5613309	3.0	2.1 gpm (7.9 lpm)	25,000 gal (94,635 L)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg)	2
	70020121425	Sediment[1], chlorine taste and odor[1], scale inhibitor[1]				00016145801501		10016145901505
HF45-S-SR[2]	5613346	5.0	3.5 gpm (13.2 lpm)	N/A	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg)	2
	70020300409	Sediment, scale inhibitor[1]				Contact Factory		Contact Factory

[1] As tested and verified by manufacturer's laboratory.
[2] S-SR style cartridges will only fit into A3 keyed heads with the orange key ring.
[3] Select a Dual Flow Series system if you would like to keep chlorine and/or chloramine in the water feeding the ice machine. Capacity shown in the table is for beverage/coffee machines outlet. Ice machine capacity is not applicable for all Dual Flow Series products listed.

Replacement Cartridges (Cont.)

Standard – Extended, Standard, 6" and 4" lengths

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF35	5615205	1.0	1.67 gpm (6.3 lpm)	12,600 gal (47,696 L)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	9 lbs. (4.1 kg)	4
	70020043090	Sediment, chlorine taste and odor reduction				00016145801464		10016145901468
HF35-CL	5615243	1.0	1.67 gpm (6.3 lpm)	3,600 gal (13,626 L)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	9 lbs (4.1kg)	4
	70020309087	Sediment, chloramine, chlorine taste and odor reduction				00054007973218		50054007973213
HF35-CLS	5615245	1.0	1.67 gpm (6.3 lpm)	3,600 gal (13,626 L)	Contact Factory	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	Contact Factory	4
	70020317783	Sediment, chloramine, chlorine taste and odor, scale inhibitor				0005400798141 1		50054007981416
HF35-MS	5615211	1.0	1.67 gpm (6.3 lpm)	12,600 gal (47,696 L)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	9 lbs. (4.1 kg)	4
	70020043108	Sediment, chlorine taste and odor, scale inhibitor[1]				00016145802027		10016145902021
HF27	5632201	5.0 GAC	1.5 gpm (5.7 lpm)	4800 gal (18,170 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	25 lbs. (11.3 kg)	6
	70020320217	Sediment, chlorine taste and odor reduction				00051128889640		50051128889645
HF27-S	5632202	5.0 GAC	1.5 gpm (5.7 lpm)	4800 gal (18,170 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	25 lbs. (11.3 kg)	6
	70020320233	Sediment[1], chlorine taste and odor, scale inhibitor[1]				00051128889657		50051128889652
HF25	5615201	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
	70020020619	Sediment, chlorine taste and odor, scale inhibitor[1]				00016145801402		10016145901406
HF25-MS	5615209	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
	70020020635	Sediment, chlorine taste and odor, scale inhibitor[1]				00016145802003		10016145902007
HF25-S	5615203	1.0	1.5 gpm (5.7 lpm)	10,000 gal (37,854 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
	70020020627	Sediment, chlorine taste and odor, scale inhibitor[1]				00016145801426		10016145901420
HF25-S-SR[2]	5615240	5.0	2 gpm (7.6 lpm)	N/A	Contact Factory	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
	70020302298	Sediment, scale inhibitor				Contact Factory		Contact Factory

Replacement Cartridges (Cont.)

Standard – Extended, Standard, 6" and 4" lengths (cont.)

	Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	HF05-MS	5609356	1.0	0.75 gpm (2.8 lpm)	1,500 gal (5,678 L)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm x 26.7 cm x 40 cm)	7.5 lbs. (3.4 kg)	8
		70020322403	Sediment[1], chlorine taste and odor, scale inhibitor[1]				00016145801969		10016145901963
	HF15-MS	5626113	5.0	1.0 gpm (3.8 lpm)	3,500 gal (13,249 L)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm x 26.7 cm x 40 cm)	10 lbs. (4.5 kg)	8
		70020324292	Particulate, chlorine taste and odor, scale inhibitor[1]				00054007982678		500054007982673
	HF8-S	5582113		6.0 gpm (22.7 lpm)	N/A	5.7	10-1/4" x 2-3/4" x 2-1/4" (26 cm x 7 cm x 5.7 cm)	11 lbs. (5 kg)	10
		70020319029	Scale inhibitor cartridge for SF series systems				00051128889664		50051128889669

[1] As tested and verified by manufacturer's laboratory.
[2] S-SR style cartridges will only fit into A3 keyed heads with the orange key ring.

Replacement Cartridges (Cont.)

Standard Scale Reduction Cartridges

	Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	B145-CLS	5629701		0.5 gpm (1.9 lpm)	530 gal.[2] @ 11 gpg hardness	N/A	Contact Factory	Contact Factory	1
		UU001529195	Scale[1], chlorine taste and odor, and chloramine[1]				04046719898282		04046719898282
	B165-CLS	5630401		0.5 gpm (1.9 lpm)	749 gal[2] @ 11 gpg hardness	N/A	Contact Factory	Contact Factory	6
		UU001527595	Softening[1], chlorine taste and odor				04046719898312		04046719898312
	B195-CLS	5630501		0.5 gpm (1.9 lpm)	1,249 gal[2] @ 11 gpg hardness	N/A	Contact Factory	Contact Factory	6
		UU001528601	Softening[1], chlorine taste and odor				04046719898299		04046719898299
	PS124	5633802		0.5 gpm (1.9 lpm)	1,100 grains	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	16 lbs. (7.3 kg)	4
		UU001540366	Softening, chlorine taste and odor				Contact Factory		Contact Factory
	PS195	5633104		1.0 gpm (3.8 lpm)	4,350 grains	1.8	Contact Factory	Contact Factory	
		UU001545274	Softening, chlorine taste and odor				Contact Factory		Contact Factory
	P124BN	5633801		0.5 gpm (1.9 lpm)	422.6 gal (1,600 L) @ 10.5 gpg hardness	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm x 26.7 cm x 71.8 cm)	16 lbs. (7.3 kg)	4
		UU001540374	Scale reduction, chlorine taste and odor w/blending				Contact Factory		Contact Factory
	P165BN	5633001		1.0 gpm (3.8 lpm)	719 gal (2,722 L) @ 9.0 gpg hardness	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
		UU001540903	Scale reduction, chlorine taste and odor w/blending				Contact Factory		Contact Factory
	P195BN	5633101		1.0 gpm (3.8 lpm)	1,200 gal (4,542 L) @ 9 gpg hardness	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	7.9 lbs. (3.6 kg)	1
		UU001540341	Scale reduction, chlorine taste and odor w/blending				Contact Factory		Contact Factory
	P145BN-CL	5630801		0.5 gpm (1.9 lpm)	423 gal[3] @ 11 gpg hardness	N/A	Contact Factory	16 lbs. (7.3 kg)	4
		UU001528510	Scale[1], chlorine taste and odor, and chloramine[1]				04046719901968		04046719901968
	P165BN-CL	5630901		0.5 gpm (1.9 lpm)	599 gal[3] @ 11 gpg hardness	N/A	Contact Factory	5 lbs. (2.3 kg)	1
		UU001528361	Scale[1], chlorine taste and odor, and chloramine[1]				04046719898305		04046719898305
	P195BN-CL	5631001		0.5 gpm (1.9 lpm)	998 gal[3] @ 11 gpg hardness	N/A	Contact Factory	7.9 lbs. (3.6 kg)	1
		UU001529534	Scale[1], chlorine taste and odor, and chloramine[1]				04046719901944		04046719901944

[1] As tested and verified by manufacturer's laboratory.
[2] Capacity based on standard blend for coffee machines without steam operation.
[3] Capacity based on fixed 25% blend.

Replacement Cartridges (Cont.)

Cyst Rated – Large Diameter

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
HF90	5613503	0.2	5 gpm (18.9 lpm)	54,000 gal (204,412 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020020155	Bacteria[2], sediment, chlorine taste and odor, cyst[1]				00016145801587		10016145901581
HF90-CL	5613501	0.2	1.33 gpm (5.0 lpm)	12,500 gal (47,318 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020020148	Bacteria[2], sediment, turbidity chloramine, chlorine taste and odor, cyst[1]				00016145801617		10016145901611
HF90-CLX	5637301	0.2	Chloramine 1.67 gpm (6.32 lpm)	14,000 gal (52996 L) chloramine	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	6.3 lbs.	1
	70020342682	Sediment, chloramine, chlorine taste and odor, cyst[1] and bacteria[2]	CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine		00068060553454		50068060553459
HF90-CLX-RO	5637308	0.2	Chloramine 1.67 gpm (6.32 lpm)	14,000 gal (52996 L) chloramine	0.3	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	6.3 lbs	1
	70020342757	Sediment, chloramine, chlorine taste and odor, cyst[1] and bacteria[2]	CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine		00068060553454		50068060553466
HF90-S	5613505	0.2	5 gpm (18.9 lpm)	54,000 gal (204,412 L)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020020163	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale[3]				00016145801617		10016145901611
HF90-S-SR[4]	5617105	0.2	5 gpm (18.9 lpm)	N/A	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm x 12.4 cm x 12.4 cm)	5 lbs. (2.3 kg)	1
	70020020767	Bacteria[2], sediment, cyst[1], scale inhibitor				00016145801594		10016145901598
HF90-SR	5637315	0.2	5 gpm (18.9 lpm)	N/A	0.2	4.5625" H x 4.5625" W x 22.5" L (11.58875 cm x 11.58875 cm x 57.15 cm)	4.2lbs.	1
	70020352616	Particulate, bacteria[2] and cyst[1]				00638060357118		50638060357113
HF60	5613403	0.2	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
	70020020122	Bacteria[2], sediment, chlorine taste and odor, cyst[1] reduction				00016145801532		10016145901536
HF60-CLX	5637210	0.2	Chloramine 1.67 gpm (6.32 lpm)	6,300 gal (23,848 L) chloramine	0.2	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	4.3 lbs	1
	70020342625	Bacteria[2], sediment, chloramine, chlorine taste and odor, cyst[1]	CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine		00068060553423		50068060553428
HF60-CLXS	5637211	0.2	Chloramine 1.67 gpm (6.32 lpm)	6,300 gal (23,848 L) chloramine	0.2	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	4.4 lbs	1
	70020342633	Sediment, chloramine, chlorine taste and odor, cyst[1], bacteria[2] and scale[3]	CTO 3.50 gpm (13.25 lpm)	35,000 gal (132,489 L) chlorine		00068060553430		50068060553435

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory
[4] S-SR style cartridges will only fit into A3 keyed heads with the orange key ring.

Replacement Cartridges (Cont.)

Cyst Rated – Large Diameter (cont.)

	Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	HF60-CL	5625901	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	Contact Factory	Contact Factory	3.4 lbs. (1.5 kg)	1
		70020274927	Bacteria[2], particulate, chloramine[3], chlorine taste and odor[3], cyst[1]				00016145257551		00016145257551
	HF60-CLS	5625902	0.2	2.2 gpm (8.3 lpm)	4,700 gal (17,789 L)	Contact Factory	Contact Factory	3.4 lbs. (1.5 kg)	1
		70020282862	Bacteria[2], sediment, chloramine[3], chlorine taste and odor[3], cyst[1] and scale reduction[3]				00016145265211		00016145265211
	160-L	5613444	0.2	2.5 gpm (9.4 lpm)	6,000 gal (22,712 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
		70020302801	Bacteria[2], cyst[1], particulate, chlorine taste and odor, lead, benzene, p-Dichlorobenzene				00016145265235		00016145268076
	HF60-S	5613405	0.2	3.34 gpm (12.6 lpm)	35,000 gal (132,489 L)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm x 12.4 cm x 12.4 cm)	3.4 lbs. (1.5 kg)	1
		70020116706	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale inhibitor[3]				00016145801563		10016145901567
	HF60-A020-S-SR[5]	5637225	0.2 Absolute	3.5 gpm (13.25 lpm)	N/A		4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	2.44 lbs.	1
		70020352574	Particulate, bacteria[4], cyst[1] and scale inhibitor[3]				00638060357149		50638060357144
	HF60-S-SR[5]	5637226	0.2 Nominal	3.5 gpm (13.25 lpm)	N/A		4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	2.44 lbs.	1
		70020353051	Particulate, bacteria[2], cyst[1] and scale inhibitor[3]				00638060357187		50638060357182
	HF40	5613303	0.2	2.5 gpm (9.5 lpm)	25,000 gal (94,635 L)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg)	2
		70020020114	Bacteria[2], sediment, chlorine taste and odor, cyst[1] reduction				00016145801488		10016145901482
	HF40-S	5613305	0.2	2.5 gpm (9.5 lpm)	25,000 gal (94,635 L)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg)	2
		70020121417	Bacteria[2], sediment, chlorine taste and odor, cyst[1], scale inhibitor[3]				00016145801518		10016145901512
	HF40-S-SR[5]	5637115	0.2 Nominal	2.5 gpm (7.9 lpm)	N/A	0.4	5.25" H x 10" W x 14.875" L (13.335 cm x 25.4 cm x 37.7825 cm)	5.5 lbs.	2
		70020353044	Particulate, bacteria[2], cyst[1] and scale inhibitor[3]				00638060357170		50638060357175

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory
[4] Reduction of Water-borne bacteria as demonstrated with 99.9999% reduction of surrogate organism *E. coli* (ATCC 11229), *P. fluorescens* (ATCC 49642), legionella pneumophilia and brevundimonas diminuta in a manufacturer's lab test.
[5] S-SR style cartridges will only fit into A3 keyed heads with the orange key ring.

Replacement Cartridges (Cont.)

Cyst Rated – Extended, Standard, 6" and 4" lengths

	Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims/ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
	HF20	5615101	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
		70020020551	Sediment, chlorine taste and odor, cyst[1]				00016145801396		10016145901390
	HF20-S	5615103	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
		70020020569	Sediment, chlorine taste and odor, cyst[1], scale inhibitor[3]				00016145801419		10016145901413
	HF20-S-SR[5]	5636432	0.2	2 gpm (7.57 lpm)	N/A	0.9	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	13.74 lbs.	6
		70020353028	Particulate, bacteria[2], cyst[1] and scale inhibitor[3]				00638060421031		50638060421036
	HF20-A020-S-SR[5]	5636431	0.2	2 gpm (7.57 lpm)	N/A	09	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	13.74 lbs.	6
		70020352558	Particulate, bacteria[4], cyst[1] and scale inhibitor[3]				00638060357101		50638060357168
	HF20-A020-SR	5636433	0.2	2 gpm (7.57 lpm)	N/A	0.9	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91cm)	13.74 lbs.	6
		70020353036	Particulate, bacteria[4], cyst[1] and scale inhibitor[3]				00638060357163		50638060421036
	HF20-MS	5615109	0.5	1.5 gpm (5.7 lpm)	9,000 gal (34,069 L)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg)	6
		70020020593	Sediment, chlorine taste and odor, cyst[1], scale inhibitor[3] blend				00016145801990		10016145901994
	HF20-I	5636428	0.2	1.67 gpm (6.32 lpm)	14,000 gal (52,996 L)		8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	14.88 lbs.	6
		70020352327	Bacteria[2], Sediment, chlorine taste and odor and cyst[1]				00638060357880		50638060357885
	HF20-SI	5636429	0.2	1.67 gpm (6.32 lpm)	14,000 gal (52,996 L)	0.9	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	15.18 lbs.	6
		70020352335	Bacteria[2], Sediment, chlorine taste and odor, cyst[1] and scale inhibition[3]			0.9	00638060357873		5063806057878
	HF10-MS	5626111	0.5	1.0 gpm (3.8 lpm)	3,500 gal (13,249 L)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm x 26.7 cm x 40 cm)	10 lbs. (4.5 kg)	8
		70020324284	Particulate, chlorine taste and odor, cyst[1], Asbestos, scale inhibitor[3] blend				00054007982661		50054007982666

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] Reduction of Water-borne bacteria as demonstrated with 99.99% reduction of surrogate organism *E. coli* (ATCC 11229) and *P. fluorescens* (ATCC 49642) in manufacturer's lab test.
[3] As tested and verified by manufacturer's laboratory
[4] Reduction of Water-borne bacteria as demonstrated with 99.9999% reduction of surrogate organism *E. coli* (ATCC 11229), *P. fluorescens* (ATCC 49642), legionella pneumophilia and brevundimonas diminuta in a manufacturer's lab test.
[5] S-SR style cartridges will only fit into A3 keyed heads with the orange key ring.

Replacement Cartridges (Cont.)

9000 Series Retrofit Cartridges – Standard Length

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Capacity	Flow Rate	Replaces	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS9112	5631605	1.0	10,000 gal (37,854 L)	1.5 gpm (5.7 lpm)	MC	2.5	23 lbs. (10.4 kg)	12
	70020319524	Sediment, chlorine taste and odor				00051128889749		50051128889744
CFS9812X	5631608	0.5	9,000 gal (34,069 L)	1.5 gpm (5.7 lpm)	MC	2	23 lbs. (10.4 kg)	12
	70020319714	Sediment, chlorine taste and odor, cyst[1]				00051128889756		50051128889751
CFS9720	5631603	5.0	4,800 gal (18,170 L)	1.5 gpm (5.7 lpm)	CV/2CB5/ 4CB5	2.5	27 lbs. (12.2 kg)	12
	70020319847	Sediment[2], chlorine taste and odor				00051128889725		50051128889720
CFS9110-S	5631621	5.0	N/A	1.5 gpm (5.7 lpm)	MH/I-2000	1.2	8 lbs. (3.6 kg)	4
	70020319490	Sediment, scale inhibitor				00051128889558		50051128889553
CFS9112-S	5631604	1.0	10,000 gal (37,854 L)	1.5 gpm (5.7 lpm)	MH/I-2000	2.5	23 lbs. (10.4 kg)	12
	70020319516	Sediment, chlorine taste and odor, scale inhibitor[2]				00051128889732		50051128889737
CFS9812X-S	5631609	0.5	9,000 gal (34,069 L)	1.5 gpm (5.7 lpm)	MH/I-2000	2	23 lbs. (10.4 kg)	12
	70020319722	Sediment, chlorine taste and odor, cyst[1], scale inhibitor[2]				00051128889763		50051128889768
CFS9005-IMF	5593707	N/A	N/A	N/A	SS-IMF	0.8	7 lbs. (3.2 kg)	12
	70020323658	Scale inhibitor				00051128889695		50051128889690

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] As tested and verified by manufacturer's laboratory

9000 Series Retrofit Cartridges – Extended Length

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Capacity	Flow Rate	Replaces	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS9112EL	5631701	1.0	12,600 gal (47,696 L)	1.67 gpm (6.3 lpm)	MC/XC	1.7	12 lbs. (5.4 kg)	4
	70020319532	Sediment, chlorine taste and odor				00051128889527		50051128889522
CFS9812ELX	5631709	0.5	14,000 gal (52,996 L)	1.67 gpm (6.3 lpm)	MC/XC	1.6	11 lbs. (5 kg)	4
	70020319730	Sediment, chlorine taste and odor, cyst[1]				00051128889589		50051128889584
CFS9112EL-S	5631702	1.0	12,600 gal (47,696 L)	1.67 gpm (6.3 lpm)	MH/I4000	1.7	12 lbs. (5.4 kg)	4
	70020319540	Sediment, chlorine taste and odor, scale inhibitor[2]				00051128889534		50051128889539
CFS9812 ELX-S	5631710	0.5	14,000 gal (52,996 L)	1.67 gpm (6.3 lpm)	MH/I4000	1.6	12 lbs. (5.4 kg)	4
	70020319748	Sediment, chlorine taste and odor, cyst[1], scale inhibitor[2]				00051128889596		50051128889591
CFS9720EL-S	5631706	5.0	5,500 gal (20,820 L)	1.67 gpm (6.3 lpm)	4CB5-S/7CB5-S/ XCV	1.7	13 lbs. (5.9 kg)	4
	70020319862	Sediment, chlorine taste and odor, scale inhibitor				00051128889572		50051128889577

[1] Based on testing using Cryptosporidium parvum oocysts.
[2] As tested and verified by manufacturer's laboratory

Replacement Cartridges (Cont.)

CFS9000H Series Cartridges – Standard Length. For use in Hoshizaki Water Filtration Systems.

Model No.	Part No./ 3M ID#	Micron/ Reduction Claims	Capacity	Flow Rate	Replaces	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS9112H-SK	5629901	1.0	21,000 gal (79,485 L)	2.0 gpm (7.57 lpm)		2.0 (7.57 lpm)	23 lbs (10.4 kg)	12
	70020345040	Chlorine taste and odor[1], particulate, sediment, scale inhibition[1], contains an antimicrobial agent that inhibits bacteria growth within the filter media				00076308878627		00076308878627
CFS9110H-S	5630101	5.0	N/A	2.0 gpm (7.57 lpm)		2.0 (7.57 lpm)	23 lbs (10.4 kg)	12
	70020345057	Sediment, particulate and scale inhibition[1]				00076308878610		00076308878610

[1] As tested and verified by manufacturer's laboratory

Drop-in Replacement Cartridges – 9-3/4" cartridges (requires two for 19-1/2" housings)
Sediment Reduction

Model No.	Part No. / 3M ID#	Micron	Description	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS110	5612111	5.0	Sediment reduction	8 gpm (30.3 lpm)	Contact Factory	Contact Factory	24
	70020143957				00016145140815		10016145140812

Chlorine Taste and Odor Reduction

Model No.	Part No. / 3M ID#	Micron	Description	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS117	5559307	5.0	Granular activated carbon	10,000 gal @ 2 gpm (37,854 L @ 7.6 lpm)	1.6	28 lbs. (12.7 kg)	24
	70020318609				00051128889794		50051128889799
CFS117-S	5559414	5.0	Granular activated carbon built-in scale inhibitor	10,000 gal @ 2 gpm (37,854 L @ 7.6 lpm)	1.6	30 lbs. (13.6 kg)	24
	70020318633				00051128889800		50051128889805

Sediment/Scale Reduction

Model No.	Part No./ 3M ID#	Micron	Description	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS420IMF	5560905	5.0	Graded density design built-in scale inhibitor	N/A	1.9	32 lbs. (14.5 kg)	24
	70020319300				00051128889817		50051128889812

Drop-in Replacement Cartridge – 19-1/2" cartridges
Fine Silt Reduction

Model No.	Part No./ 3M ID#	Micron	Description	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFSFSR-5	5560320	5.0 Absolute	Fine silt reduction cartridge	N/A	1.5	16 lbs. (7.3 kg)	15
	70020113901				00016145105159		10016145105156
CFSFSR-10	5560321	10.0 Absolute	Fine silt reduction cartridge	N/A	1.5	16 lbs. (7.3 kg)	15
	70020105113				00016145100734		10016145100731

Replacement Cartridges (Cont.)

Drop-in Replacement Cartridges for Competitive Housings – 20" Cartridges
Sediment Reduction

Model No.	Part No./ 3M ID#	Micron	Description	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS110-C20	5621201	5.0	Sediment Reduction	N/A	1.5	11 lbs. (5 kg)	15
	70020182468				00016145176920		10016145176927

Chlorine Taste and Odor Reduction

Model No.	Part No./ 3M ID#	Micron	Description	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS017S-C20	5559415	5.0	Granular activated carbon built-in scale inhibition	20,000 gal @ 4 gpm (75,708 L @ 15.1 lpm)	1.5	28 lbs. (12.7 kg)	15
	70020326776				00016145071645		10016145071642

Large Diameter Cartridge

Model No.	Part No./ 3M ID#	Micron	Description	Capacity	Cu. Ft./ Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC
CFS210-2	5618907	5.0	Sediment reduction for CFS22, CFS22-1.5	N/A	2.4	11 lbs. (5 kg)	4
	70020177211				00016145171734		10016145171731
CFS215-2	5589807	5.0	Sediment reduction, chlorine taste and odor reduction for CFS22, CFS22-1.5	N/A	2.4	14 lbs. (6.4 kg)	4
					00016145074813		10016145074810

Spare Parts

Part No.	3M ID#	Description
60-901501P	70020351055	3M™ Automatic RO Shut-Off Valve
5617501	70020158260	3M™ Cartridge Retainer Kit
5598412	70020353556	3M™ Commercial Reverse Osmosis Water Storage Tanks
6214413	70020309814	3M™ High Flow Series Head NH3-1/2NPT
6225005	70020229731	3M™ Inlet Fitting Kit
6215101	70020241397	3M™ Installation Accessory Package
6215701	70020218445	3M™ Installation Accessory Package
6225006	70020229749	3M™ Outlet Fitting Kit
50-93709	70020330190	Check Valve
50-93737	70020330471	Clip Connector
50-93733	70020330430	Female Connector
24-500101	70201708453	Flow Switch
50-93732	70020330422	High Flow Series Male NPT Adapter
50-93712	70020330224	High Flow Series Manifold O-Ring
50-93701	70020330117	High Flow Series Manifold Pressure Guage
50-93726	70020330364	3M™ Parts, High Flow Series Manifold Pressure Guage
50-91701	70020252527	3M™ Parts, High Flow Series Pressure Relief Valve Kit
6239403	70020317346	3M™ Parts, Inlet Assembly Kit
50-93728	70020330380	3M™ Parts, Orange Ring Key A3
50-93720	70020330307	3M™ Parts, Plug In Elbow
6232631	70201708479	3M™ Parts, TDS Monitor
50-93736	70020330463	3M™ Parts, Water Filter Plug
50-93702	70020330125	3M™ Parts, Water Filtration Pressure Gauge
52-318203P	70020351030	3M™ Reverse Osmosis System Flow Restrictor
6841441	70020299908	3M™ ScaleGard™ HP Installation Kit
6235205	70020315621	3M™ ScaleGard™ HP Pre-Filter Manifold Expansion Head
6232705	70020315613	3M™ ScaleGard™ HP Reverse Osmosis Manifold Expansion Filter Head
50-901601P	70020351022	Automatic RO Shut-Off Valve
50-93707	70020330174	Ball Valve
50-93706	70020330166	Ball Valve

Spare Parts (cont.)

Part No.	3M ID#	Description
50-93734	70020330448	Double Ended Connector
50-93715	70020330257	Female Adapter Kit
6225007	70020229756	Outlet Fitting Assembly
50-93735	70020330455	Water Filter Kit
6217403	70020160308	PLUG-BYPASS
6225003	70020230275	FTG ASSY-OUTLET
6225009	41760009245	FTG ASSY-OUTLET TO COFFEE
6229801	70020241405	ASSY-BLENDING
89-1331202P	70201709493	PUMP-PERMEATE
89-2302P	70201709501	Motor for HP-150-600
25-212401P	70201700617	RELAY-CLICK
50-91702	70020253624	PRV, RETROFIT KIT, STN-STL
50-93201	70020323807	KIT, HFRO RECOVERY
50-93717	70020330273	SCREW TAPPING
50-93730	70020330406	LEVER CTG LOCK RELEASE
52-55131	70020026699	HEAD-ROGO, MACH. #13
52-5521323P	70201700872	HEAD-ROGO, MACH. #123,TAP23
56-161351P	70201700864	TANK-R.O,2.5GAL
60-103601P	70201700534	VALVE, SOLENOID, 24VDC, G1/2"NPT
60-235380P	70201700542	BALL VALVE, 3/4NPTX3/4NPT, MXF
60-905501	70201708487	VALVE, UNION, 1/4" PUSH IN
89-3220101P	70201700922	PUMP, PROCON, 140 GPH, 60 HZ
96-410501	26102161598	REGULATOR-INLINE, 1/2", 50 PSI
99-103301P	70201700898	CONTROL, FLOW, BLUE

Product List by Model Number

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
1/2" NH3-NPT head w/gauge	6214413		70020309814	Contact Factory	12	EA
1/2" NH3-NPT head with plugged gauge port	6214417		70020144310	Contact Factory	12	EA
1/2" NPT NH3 Shut-off Ball Valve Kit	6216501		70020144336	Contact Factory	1	EA
10 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598407		70020018019	17" H x 17" W x 34" L (43.2 cm x 43.2 cm x 86.4 cm)	1	EA
160-L	5613444		70020302801	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
2.5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598405		70020017995	17" H x 11" W x 17" L (43.2 cm x 27.9 cm x 43.2 cm)	1	EA
20 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598408		70020018027	56-3/4" H x 16" D (144.1 cm x 40.6 cm)	1	EA
20 gal. drawdown tank, Metal, connects to 3/8" or 1/2" tubing	56-1517161		70020170737	Contact Factory	1	EA
40 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	5598409		70020018035	25" H x 25" W x 58" L (63.5 cm x 63.5 cm x 147.3 cm)	1	EA
5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598406		70020018001	18" H x 18" W x 18" L (45.7 cm x 45.7 cm x 45.7 cm)	1	EA
Activated Carbon, 0.5 cf Pail	A-050P		70020092139	Contact Factory	1	EA
B145-CLS	5629701		UU001529195	Contact Factory	1	EA
B165-CLS	5630401		UU001527595	Contact Factory	1	EA
B195-CLS	5630501		UU001528601	Contact Factory	1	EA
Ball Valve 3/4" FNPT	50-93707		70020330174	Contact Factory	1	EA
BEV120-I	5616017		70020353465	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
BEV135	5616102		70020044361	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
BEV140	5616201		70020044379	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
BEV145	5616202		70020109537	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
BEV160	5616301		70020044395	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
BEV165	5616302		70020109545	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
BEV190	5616401		70020074947	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4cm)	1	EA
BEV195	5616402		70020044411	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
BH3-NPT Head	6240807		70020333350	Contact Factory	1	EA
BH3M-NPT Head	6240809		70020333335	Contact Factory	1	EA
BH3WM-NPT Head	6240810		70020333327	Contact Factory	1	EA
BREW110-MS	5626203		70020324318	Contact Factory	6	EA
BREW115-MS	5626204		70020324326	Contact Factory	6	EA
BREW120-MS	5616001		70020020700	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
BREW125-MS	5616002		70020020718	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
BREW130-MS	5616103		70020020734	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
C MEDIA .5 CUBIC FT	C-050P		70020092758	10" H x 13" D (25.4 cm x 33 cm)	1	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
CFS017S-C20	5559415	5559408	70020326776	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
CFS01S	5557503		70020115641	11" H x 11" W x 21" L (27.9 cm x 27.9 cm x 53.3 cm)	4	EA
CFS01T	5557506		70020143155	11" H x 11" W x 21" L (27.9 cm x 27.9 cm x 53.3 cm)	4	EA
CFS02S	5557609		70020015007	29.7" H x 5.5" W x 10.6" L (75.4 cm x 14 cm x 26.9 cm)	2	EA
CFS02T	5557610		70020143163	29.7" H x 5.5" W x 10.6" L (75.4 cm x 14 cm x 26.9 cm)	2	EA
CFS110 9.75" cartridge	5612111		70020143957	11" H x 11" W x 17" L (27.9 cm x 27.9 cm x 43.2 cm)	24	EA
CFS110-C20 20" cartridge	5621201		70020182468	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
CFS117	5559307	5559304	70020318609	11" H x 13" W x 19" L (27.9 cm x 33 cm x 48.3 cm)	24	EA
CFS117-S	5559414	5559412	70020318633	11" H x 13" W x 19" L (27.9 cm x 33 cm x 48.3 cm)	24	EA
CFS11S	5558803		70020015072	12" H x 12" W x 20" L (30.5 cm x 30.5 cm x 50.8 cm)	4	EA
CFS11T	5558802		70020117084	12" H x 12" W x 20" L (30.5 cm x 30.5 cm x 50.8 cm)	4	EA
CFS12T	5558902		70020015130	5" H x 10" W x 26" L (12.7 cm x 25.4 cm x 66 cm)	2	EA
CFS201BWF	5600203		70020006030	Contact Factory	1	EA
CFS210-2	5618907		70020177211	14" H x 14" W x 21" L (35.6 cm x 35.6 cm x 53.3 cm)	4	EA
CFS215-2	5589807		70020017425	14" H x 14" W x 21" L (35.6 cm x 35.6 cm x 53.3 cm)	4	EA
CFS217	5578606	4629020	70020318849	8" H x 14" W x 20" L (20.3 cm x 35.6 cm x 50.8 cm)	24	EA
CFS22B1.0	5639206		70020351956	8.66" H x 11.22" W x 29.13" L (22 cm x 28.50 cm x 74 cm)	2	EA
CFS22B1.5	5639205		70020351949	8.66" H x 11.22" W x 29.134" L (22 cm x 28.5 cm x 74 cm)	2	EA
CFS420IMF	5560905	5560904	70020319300	12" H x 14" W x 20" L (30.5 cm x 35.6 cm x 50.8 cm)	24	EA
CFS517	5560009	5560001	70020319953	Contact Factory	12	EA
CFS717	5560215	5560201	70020318963	8" H x 12" W x 17" L (20.3 cm x 30.5 cm x 43.2 cm)	10	EA
CFS9005-IMF	5593707	5593701	70020323658	11" H x 11" W x 11" L (27.9 cm x 27.9 cm x 27.9 cm)	12	EA
CFS9110-S	5631621	5572103	70020319490	9" H x 14" W x 17" L (22.9 cm x 35.6 cm x 43.2 cm)	4	EA
CFS9110H-S	5630101		70020345057	Contact Factory	12	EA
CFS9112	5631605	5589203	70020319524	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
CFS9112EL	5631701	5589213	70020319532	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
CFS9112H-SK	5629901		70020345040	16" H x 13" W x 16-3/4" L (40.6 cm x 33 cm x 42.5 cm)	12	EA
CFS9112EL-S	5631702	5589215	70020319540	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
CFS9112-S	5631604	5589201	70020319516	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
CFS9720	5631603	5589003	70020319847	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
CFS9720EL-S	5631706	5589007	70020319862	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
CFS9720-S	5631602	5589001	70020319839	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
CFS9812ELX	5631709	5601205	70020319730	11" H x 11" W x 23" L (27.9 cm x 27.9 cm x 58.4 cm)	4	EA
CFS9812ELX-S	5631710	5601207	70020319748	11" H x 11" W x 23" L (27.9 cm x 27.9 cm x 58.4 cm)	4	EA
CFS9812X	5631608	5601201	70020319714	13" H x 16" W x 17" L (33 cm x 40.6 cm x 43.2 cm)	12	EA
CFS9812X-S	5631609	5601203	70020319722	13" H x 16" W x 17" L (33 cm x 40.6 cm x 43.2 cm)	12	EA
CFSCB10	5612604		70020117100	Contact Factory	6	EA
CFSFSR-10	5560321		70020105113	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
CFSFSR-5	5560320		70020113901	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
CFSM1254	CFSM1254		70020220896	Unit: 67" H x 13.5" W x 13.5" L (170.2 cm x 34.3 cm x 34.3 cm) Tank: 40" H x 15.5" D x 15.5" L (101.6 cm x 39.4 cm x 39.4 cm)	1	EA
CFS M RO Membrane	5625004		70020322767	Contact Factory	16	EA
Cleaning Bypass Assy.	50-94201		70020337799	Contact Factory	1	EA
CTG C for STM/TSR150 system	5631301	5599501	70020320100	9" H x 9" W x 16" L (22.9 cm x 22.9 cm x 40.6 cm)	4	EA
CTG H for TSR150	5633601	5599601	UU001541216	9" H x 9" W x 16" L (22.9 cm x 22.9 cm x 40.6 cm)	4	EA
CTG M for STM/TSR150	5598725	5598707	70020322692	6" H x 7" W x 15" L (15.2 cm x 17.8 cm x 38.1 cm)	4	EA
DF1 Manifold Assy. (DF1XX)	6228501		70020228451	Contact Factory	1	EA
DF2 Manifold Assy. (DF2XX)	6228401		70020228444	Contact Factory	1	EA
DF260-CLX	5627003		70020343607	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
DF260-CLX CARTPAK	5613831		70020343300	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
DF265-CLX	5627004		70071473105	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
DF265-CLX CARTPAK	5613832		70020343375	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
DF290-CL	5623601		70020229327	Contact Factory	1	EA
DF290-CL CARTPAK	5613807		70020144005	10" H x 10" D x 22" L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA
DF290-CLX	5623603		70020343433	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
DF290-CLX CARTPAK	5613833		70020343268	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
DIDF260-CLX	5627603		70071473121	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
DIDF260-CLX CARTPAK	5613834		70020343334	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	1	EA
DIDF265-CLX	5627604		70071473139	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
DIDF265-CLX CARTPAK	5613835		70020343383	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	1	EA
DP190	5624301		70020228097	Contact Factory	1	EA
DP190 CARTPAK	5613801		70020044346	10" H x 5-1/2" D x 22" L (25.4 cm x 14 cm x 55.9 cm)	1	EA
DP260	5625501		70020259118	Contact Factory	1	EA
DP260 CARTPAK	5613814		70020244912	10" H x 10" W x 22" L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
DP290	5624201		70020229350	Contact Factory	1	EA
DP290 CARTPAK	5613802		70020044353	10" H x 10" D x 22" L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA
DP295-CL	5624204		70020283977	Contact Factory	1	EA
DP295-CL CARTPAK	5613818		70020283969	Contact Factory	1	EA
DP295-CLX	5624206		70020343482	24-1/2" x 12" x 11" (62.2 cm x 30.5 cm x 27.9 cm)	1	EA
DP295-CLX CARTPAK	5613830		70020343326	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
DP390	5624102		70020228402	Contact Factory	1	EA
DP390 CARTPAK	5613803		70020132364	Contact Factory	1	EA
Dual Port Single Manifold Assy. (DP1XX)	6228603		70020228139	Contact Factory	1	EA
Dual Port Triple Manifold Assy. (DP3XX)	6228403		70020229426	Contact Factory	1	EA
Dual Port Twin Manifold Assy. (DP2XX)	6228503		70020229434	Contact Factory	1	EA
DWS160-L	5627201		70020302934	Contact Factory	1	EA
ESP124-T	5634802	5617610	UU001540663	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
FSTM075 (without Permeate Pump)	5612306		70020210848	Contact Factory	1	EA
HF05-MS	5609356	5609327	70020322403	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	8	EA
HF10-MS	5626111	5609329	70020324284	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	6	EA
HF15-MS	5626113	5609331	70020324292	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	6	EA
HF20	5615101		70020020551	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF20-MS	5615109		70020020593	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF20-S	5615103		70020020569	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF20-I	5636428		70020352327	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
HF20-SI	5636429		70020352335	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
HF20-S-SR	5636432		70020353028	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
HF20-A020-S-SR	5636431		70020352558	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
HF20-A020-SR	5636433		70020353036	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91cm)		EA
HF25	5615201		70020020619	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF25-MS	5615209		70020020635	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF25-S	5615203		70020020627	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF25-S-SR	5615240		70020302298	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
HF265-CL	5624506		70020303528	Contact Factory	1	EA
HF27	5632201	5615227	70020320217	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	4	EA
HF27-S	5632202	5615231	70020320233	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	4	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
HF295-CL	5627501		70020283985	Contact Factory	1	EA
HF35	5615205		70020043090	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
HF35-CL	5615243	5615243	70020309087	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
HF35-CLS	5615245		70020317783	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
HF35-MS	5615211		70020043108	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
HF37	5632302	5622102	70020320266	Contact Factory	4	EA
HF40	5613303		70020020114	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
HF40-S	5613305		70020121417	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
HF40-S-SR	5637115		70020353044	5.25" H x 10" W x 14.875" L (13.335 cm x 25.4 cm x 37.7825 cm)	2	EA
HF45	5613307		70020302918	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
HF45-CLX	5637113		70020343599	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)	1	EA
HF45-CLXS	5637116		70020353754	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)	1	EA
HF45-S	5613309		70020121425	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
HF45-S-SR	5613346		70020300409	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
HF60	5613403		70020020122	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF60-CL	5625901		70020274927	Contact Factory	1	EA
HF60-CLS	5625902		70020282862	Contact Factory	1	EA
HF60-CLX	5637210		70020342625	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	1	EA
HF60-CLXS	5637211		70020342633	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	1	EA
HF60-S	5613405		70020116706	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF60-S-SR	5637226		70020353051	4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	1	EA
HF60-A020-S-SR	5637225		70020352574	4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	1	EA
HF65	5613407		70020115476	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF65-CL	5628902	5628902	70020300433	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF65-CLX	5637213		70020342658	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	1	EA
HF65-CLXS	5637227		70020353762	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)	1	EA
HF65-S	5613409		70020020130	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF65-S-SR	5613453		70020300425	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF65-S-SR5	5613451		70020300417	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
HF8-S	5582113	5582106	70020319029	Contact Factory	10	EA
HF90	5613503		70020020155	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF90-CL	5613501		70020020148	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
HF90-CL-RO	5613529		70020297852	Contact Factory	1	EA
HF90-CLX	5637301		70020342682	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF90-CLX-RO	5637308		70020342757	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF90-S	5613505		70020020163	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF90-SR	5637315		70020352616	4.5625" H x 4.5625" W x 22.5" L (11.58875 cm x 11.58875 cm x 57.15 cm)	1	EA
HF90-S-SR	5617105		70020020767	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF90-S-SR5	5617107		70020020775	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF95	5613507		70020020171	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF95-CL	5627302		70020283795	Contact Factory	1	EA
HF95-CLX	5637311		70020342781	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF95-CLXS	5637317		70020353770	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF95-S	5613509		70020121433	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF95-S-SR	5613527		70020300458	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
HF98	5637320		70020353804	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF98-CLX	5637318		70020353788	23-5/8" x 5-1/8" x 4-15/16" (60.0 cm x 13.0 cm x 12.5 cm)	1	EA
HF98-CLXS	5637319		70020353796	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF98-S	5637321		70020353812	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)	1	EA
HF160-CL	5626001		70020282102	Contact Factory	1	EA
HF160-CLS	5626002		70020282870	Contact Factory	1	EA
HF160-CLX	5626004		70020344357	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
HF160-CLXS	5626005		70020344365	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
HF165-CL	5626003		70020303536	Contact Factory	1	EA
HF165-CLX	5626006		70020344373	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
HF190-SR	5639401		70020353838	TBD	1	EA
HF195-CL	5625802		70020283787	Contact Factory	1	EA
HF195-CLX	5625804		70020344340	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
HF265-CLX	5624507		70020343557	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)	1	EA
HF295-CLX	5627503		70071473113	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)	1	EA
HF395-CLX	5624704		70020353820	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)	1	EA
HFRO 500	5626903		70020274760	Contact Factory	1	EA
High Flow Manifold Flush Kit	5606502		70020269133	Contact Factory	1	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
HWS050	HWS050		70020095470	Unit: 27" H x 10" W x 10" L (68.6 cm x 25.4 cm x 25.4 cm) Tank: 25" H x 18" W x 18" L (63.5 cm x 45.7 cm x 45.7 cm)	1	EA
ICE120-S	5616003		70020128388	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
ICE120-SI	5616018		70020353473	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
ICE120-S-SR	5616016		70020353077	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
ICE120-A020-S-SR	5616015		70020352590	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
ICE125-S	5616004		70020128396	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
ICE140-S	5616203		70020144054	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
ICE145-S	5616204		70020044387	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
ICE160-S	5616303		70020044403	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
ICE160-S-SR	5616336		70020353069	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	1	EA
ICE160-A020-S-SR	5616015		70020352590	5" H x 5.0625" W x 27" L (12.7 cm x 12.85875 cm x 68.58 cm)	1	EA
ICE165-S	5616304		70020302926	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
ICE190-S	5616403		70020020742	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
ICE195-S	5616404		70020044429	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
ICE260-S	5624503		70020229392	27" H x 13.5" D x 10.5" L (68.58 cm x 34.5 cm x 26.67 cm)	1	EA
ICE265-S	5624504		70020229400	27" H x 13.5" D x 10.5" L (68.58 cm x 34.5 cm x 26.67 cm)	1	EA
N Media .5 CUBIC FT	N-050P		70020097955	13" H x 11.5" D (33 cm x 29.2 cm)	1	EA
NH3-1/2" NPT head — no gauge port (flat head)	6214415		70020144302	Contact Factory	12	EA
NH3 Flush Valve Kit	6216503		70020160589	Contact Factory	1	EA
P-124B	5633702	5609106	UU001541331	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
P124BN	5633801	5610901	UU001540374	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
P145BN-CL	5630801		UU001528510	Contact Factory	1	EA
P165BN	5633001	5615601	UU001540903	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
P165BN-CL	5630901		UU001528361	Contact Factory	1	EA
P195BN	5633101	5615001	UU001540341	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
P195BN-CL	5631001		UU001529534	Contact Factory	1	EA
Part-HF Male NPT Adapter 3/4" (O-ring not included)	50-93732	85-8522	70020330422	Contact Factory	1	EA
Part-HF O-ring	50-93712	63597320	70020330224	Contact Factory	1	EA
PREFILTER for FSTM/SGLP-RO	5570613	5570613	70020323369	Contact Factory	1	EA
Pressure Gauge 1/4" NPT	50-93726	8500555	70020330364	Contact Factory	1	EA
Pressure Gauge 1/8" NPT	50-93701	8500556	70020330117	Contact Factory	1	EA

Product List by Model Number (Cont.)

Model #	Part #	Previous Part #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
Pressure Relief Valve Kit 3/8" x 1/4" JG	50-91701		70020252527	Contact Factory	1	EA
PS124	5633802	5610907	UU001540366	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
PS195	5633104	5615013	UU001545274	Contact Factory	1	EA
CFS M RO Membrane for use with p/n 5612304	5598729	5598721	70020322734	Contact Factory	1	EA
CFS M RO Membrane for use with p/n 5612306	5598728	5598716	70020322726	Contact Factory	1	EA
ScaleGard™ HP Install Kit	6841441		70020299908	Contact Factory	1	EA
ScaleGard™ HP Reverse Osmosis System	5629101		70020301092	Contact Factory	1	EA
ScaleGard™ HP Reverse Osmosis System (110 V)	6239301		70020301100	Contact Factory	1	EA
SF165	5624601		70020228113	Contact Factory	1	EA
SF165 CARTPAK	5613811		70020144013	10" H x 5-1/2" D x 22" L (25.4 cm x 14 cm x 55.9 cm)	1	EA
SF165 Manifold Assy. (SF1XX)	6228601		70020228121	Contact Factory	1	EA
SF18-S	5607708	5607703	70020319110	8" H x 8" D x 15" L (20.3 cm x 20.3 cm x 38.1 cm)	6	EA
SGHP Pre-EXP	6235205		70020315621	Contact Factory	1	EA
SGHP RO-EXP	6232705		70020315613	Contact Factory	1	EA
SGLP-075 (with Permeate Pump)	5612304		70020020031	Contact Factory	1	EA
SGP124BN-T	5634801	5617603	UU001540655	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
SGLP200-CL	5636202		70020337773	Contact Factory	1	EA
SGLP200-CL-BP	5636203		70020337781	Contact Factory	1	EA
SGP165BN-T	5633201	5617601	UU001541224	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
SGP195BN-T	5633301	5617602	UU001541232	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
SH-EXP	6235201		70020286095	Contact Factory	1	EA
TFS450 CARTPAK includes ctgs and (2) Modules	5624801		70020217785	Contact Factory	1	EA.
TFS450 Install Kit	50-91301		70020230754	Contact Factory	1	EA
TFS450 Module CARTPAK includes (2) Modules	5624803	5624802	70020347376	Contact Factory	16	EA.
TFS450 System	5623901		70020217751	Contact Factory	1	EA.
TFS450 System with bypass plug in post filter, excludes Prefilter	5623902		70020217769	Contact Factory	1	EA.
Triple Manifold Assy.	6228405		70020228980	Contact Factory	1	EA
Twin Manifold	6228505		70020229442	Contact Factory	1	EA
VH3- Flush Valve Kit	6216505		70020197862	Contact Factory	1	EA
VH3- NPT heads (3/8" NPT)	6213001		70020021112	Contact Factory	12	EA
VH3- NPT heads (3/8" NPT)	6213003		70020021120	Contact Factory	12	EA
VH3-NPT heads (3/8" NPT)	6213009		70020304039	Contact Factory	12	EA
Wrench for 20" 4.5 Diameter Housing	6890033		70020021930	1" H x 4" W x 10" L (2.5 cm x 10.2 cm x 25.4 cm)	1	EA

Product List by Part Number

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5557503		CFS01S	70020115641	11" H x 11" W x 21" L (27.9 cm x 27.9 cm x 53.3 cm)	4	EA
5557506		CFS01T	70020143155	11" H x 11" W x 21" L (27.9 cm x 27.9 cm x 53.3 cm)	4	EA
5557609		CFS02S	70020015007	29.7" H x 5.5" W x 10.6" L (75.4 cm x 14 cm x 26.9 cm)	2	EA
5557610		CFS02T	70020143163	29.7" H x 5.5" W x 10.6" L (75.4 cm x 14 cm x 26.9 cm)	2	EA
5558802		CFS11T	70020117084	12" H x 12" W x 20" L (30.5 cm x 30.5 cm x 50.8 cm)	4	EA
5558803		CFS11S	70020015072	12" H x 12" W x 20" L (30.5 cm x 30.5 cm x 50.8 cm)	4	EA
5558902		CFS12T	70020015130	5" H x 10" W x 26" L (12.7 cm x 25.4 cm x 66 cm)	2	EA
5559307	5559304	CFS117	70020318609	11" H x 13" W x 19" L (27.9 cm x 33 cm x 48.3 cm)	24	EA
5559414	5559412	CFS117-S	70020318633	11" H x 13" W x 19" L (27.9 cm x 33 cm x 48.3 cm)	24	EA
5559415	5559408	CFS017S-C20	70020326776	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
5560009	5560001	CFS517	70020319953	Contact Factory	12	EA
5560215	5560201	CFS717	70020318963	8" H x 12" W x 17" L (20.3 cm x 30.5 cm x 43.2 cm)	10	EA
5560219	5560101	CFS717LS	70020324193	8" H x 12" W x 17" L (20.3 cm x 30.5 cm x 43.2 cm)	30	EA
5560320		CFSFSR-5	70020113901	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
5560321		CFSFSR-10	70020105113	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
5560905	5560904	CFS420IMF	70020319300	12" H x 14" W x 20" L (30.5 cm x 35.6 cm x 50.8 cm)	24	EA
5570613	5570611	PREFILTER for FSTM/ SGLP-RO	70020323369	Contact Factory	1	EA
5578606	4629020	CFS217	70020318849	8" H x 14" W x 20" L (20.3 cm x 35.6 cm x 50.8 cm)	24	EA
5582113	5582106	HF8-S	70020319029	Contact Factory	10	EA
5589807		CFS215-2	70020017425	14" H x 14" W x 21" L (35.6 cm x 35.6 cm x 53.3 cm)	4	EA
5593707	5593701	CFS9005-IMF	70020323658	11" H x 11" W x 11" L (27.9 cm x 27.9 cm x 27.9 cm)	12	EA
5598405		2.5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	70020017995	17" H x 11" W x 17" L (43.2 cm x 27.9 cm x 43.2 cm)	1	EA
5598406		5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	70020018001	18" H x 18" W x 18" L (45.7 cm x 45.7 cm x 45.7 cm)	1	EA
5598407		10 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	70020018019	17" H x 17" W x 34" L (43.2 cm x 43.2 cm x 86.4 cm)	1	EA
5598408		20 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	70020018027	56-3/4" H x 16" D (144.1 cm x 40.6 cm)	1	EA
5598409		40 gal. drawdown tank, FRP, connects to 3/8" or 1/2" tubing	70020018035	25" H x 25" W x 56" L (63.5 cm x 63.5 cm x 142.2 cm)	1	EA
5598725	5598707	CTG M for STM/ TSR150	70020322692	6" H x 7" W x 15" L (15.2 cm x 17.8 cm x 38.1 cm)	4	EA
5598728	5598716	RO Membrane for use with p/n 5612306	70020322726	Contact Factory	1	EA
5598729	5598721	RO Membrane for use with p/n 5612304	70020322734	Contact Factory	4	EA

Product List by Part Number

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5599701		CTG S for STM/TSR150	70020018316	9" H x 9" W x 16" L (22.9 cm x 22.9 cm x 40.6 cm)	4	EA
5600203		CFS201BWF	70020006030	Contact Factory	1	EA
5606502		High Flow Manifold Flush Kit	70020269133	Contact Factory	1	EA
5607708	5607703	SF18-S	70020319110	8" H x 8" D x 15" L (20.3 cm x 20.3 cm x 38.1 cm)	6	EA
5609356	5609327	HF05-MS	70020322403	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	8	EA
5612111		CFS110 9.75" cartridge	70020143957	11" H x 11" W x 17" L (27.9 cm x 27.9 cm x 43.2 cm)	24	EA
5612304		SGLP-075 (with Permeate Pump)	70020020031	Contact Factory	1	EA
5612306		FSTM075 (without Permeate Pump)	70020210848	Contact Factory	1	EA
5612604		CFSCB10	70020117100	Contact Factory	6	EA
5613303		HF40	70020020114	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5613305		HF40-S	70020121417	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5613307		HF45	70020302918	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5613309		HF45-S	70020121425	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5613346		HF45-S-SR	70020300409	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5613403		HF60	70020020122	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613405		HF60-S	70020116706	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613407		HF65	70020115476	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613409		HF65-S	70020020130	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613451		HF65-S-SR5	70020300417	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613444		160-L	70020302801	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613453		HF65-S-SR	70020300425	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5613501		HF90-CL	70020020148	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613503		HF90	70020020155	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613505		HF90-S	70020020163	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613507		HF95	70020020171	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613509		HF95-S	70020121433	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613527		HF95-S-SR	70020300458	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5613529		HF90-CL-RO	70020297852	Contact Factory	1	EA
5613801		DP190 CARTPAK	70020044346	10" H x 5-1/2" D x 22" L (25.4 cm x 14 cm x 55.9 cm)	1	EA
5613802		DP290 CARTPAK	70020044353	10" H x 10" D x 22" L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA
5613803		DP390 CARTPAK	70020132364	Contact Factory	1	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5613807		DF290-CL CARTPAK	70020144005	10" H x 10" D x 22" L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA
5613811		SF165 CARTPAK	70020144013	10" H x 5-1/2" D x 22" L (25.4 cm x 14 cm x 55.9 cm)	1	EA
5613814		DP260 CARTPAK	70020244912	10" H x 10"W x 22"L (25.4 cm x 25.4 cm x 55.9 cm)	1	EA
5613818		DP295-CL CARTPAK	70020283969	Contact Factory	1	EA
5613830		DP295-CLX CARTPAK	70020343326	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
5613831		DF260-CLX CARTPAK	70020343300	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
5613832		DF265-CLX CARTPAK	70020343375	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
5613833		DF290-CLX CARTPAK	70020343268	24" x 15-1/8" x 5-13/16" (60.9 cm x 38.4 cm x 14.8 cm)	1	EA
5613834		DIDF260-CLX CARTPAK	70020343334	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	1	EA
5613835		DIDF265-CLX CARTPAK	70020343383	18 3/8" x 15-5/8" x 5-13/16" (46.7 cm x 38.4 cm x 14.8 cm)	1	EA
5615101		HF20	70020020551	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615103		HF20-S	70020020569	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615109		HF20-MS	70020020593	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615201		HF25	70020020619	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615203		HF25-S	70020020627	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615205		HF35	70020043090	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5615209		HF25-MS	70020020635	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615211		HF35-MS	70020043108	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5615240		HF25-S-SR	70020302298	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5615243	5615243	HF35-CL	70020309087	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5616001		BREW120-MS	70020020700	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5616002		BREW125-MS	70020020718	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5616003		ICE120-S	70020128388	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5616015		ICE120-A020-S-SR	70020352590	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
5616016		ICE120-S-SR	70020353077	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
5616017		BEV120-I	70020353465	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
5616018		ICE120-SI	70020353473	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
5616004		ICE125-S	70020128396	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5616102		BEV135	70020044361	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5616103		BREW130-MS	70020020734	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5616201		BEV140	70020044379	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5616202		BEV145	70020109537	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5616203		ICE140-S	70020144054	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5616204		ICE145-S	70020044387	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm x 14 cm x 59.1 cm)	2	EA
5616301		BEV160	70020044395	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5616302		BEV165	70020109545	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5616303		ICE160-S	70020044403	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5616304		ICE165-S	70020302926	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5616335		ICE160-A020-S-SR	70020352608	5" H x 5.0625" W x 27" L (12.7 cm x 12.85875 cm x 68.58 cm)	1	EA
5616336		ICE160-S-SR	70020353069	5" H x 5.0625" W x 27" L (12.7 cm x 12.85875 cm x 68.58 cm)	1	EA
5616401		BEV190	70020074947	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4cm x 12.4cm)	1	EA
5616402		BEV195	70020044411	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5616403		ICE190-S	70020020742	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5616404		ICE195-S	70020044429	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5617105		HF90-S-SR	70020020767	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5617107		HF90-S-SR5	70020020775	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5618907		CFS210-2	70020177211	14" H x 14" W x 21" L (35.6 cm x 35.6 cm x 53.3 cm)	4	EA
5621201		CFS110-C20 20" cartridge	70020182468	9" H x 14" W x 21" L (22.9 cm x 35.6 cm x 53.3 cm)	15	EA
5623601		DF290-CL	70020229327	Contact Factory	1	EA
5623603		DF290-CLX	70020343433	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)	1	EA
5623901		TFS450 System	70020217751	Contact Factory	1	EA
5623902		TFS450 System with bypass plug in post filter, excludes Prefilter	70020217769	Contact Factory	1	EA
5624102		DP390	70020228402	Contact Factory	1	EA
5624201		DP290	70020229350	Contact Factory	1	EA
5624204		DP295-CL	70020283977	Contact Factory	1	EA
5624206		DP295-CLX	70020343482	24-1/2" x 12" x 11" (62.2 cm x 30.5 cm x 27.9 cm)	1	EA
5624301		DP190	70020228097	Contact Factory	1	EA
5624503		ICE260-S	70020229392	27" H x 13.5" D x 10.5" L (68.58 cm x 34.5 cm x 26.67 cm)	1	EA
5624504		ICE265-S	70020229400	27" H x 13.5" D x 10.5" L (68.58 cm x 34.5 cm x 26.67 cm)	1	EA
5624506		HF265-CL	70020303528	Contact Factory	1	EA
5624507		HF265-CLX	70020343557	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)	1	EA
5624601		SF165	70020228113	Contact Factory	1	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5624704		HF395-CLX	70020353820	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)		
5624801		TFS450 CARTPAK includes ctgs and (2) Modules	70020217785	Contact Factory	1	EA
5624803	5624802	TFS450 Module CARTPAK includes (2) Modules	70020347376	Contact Factory	16	EA
5625004		CFS M Module	70020322767	Contact Factory	1	EA
5625501		DP260	70020259118	Contact Factory	1	EA
5625802		HF195-CL	70020283787	Contact Factory	1	EA
5625804		HF195-CLX	70020344340	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)		
5625901		HF60-CL	70020274927	Contact Factory	1	EA
5625902		HF60-CLS	70020282862	Contact Factory	1	EA
5626001		HF160-CL	70020282102	Contact Factory	1	EA
5626002		HF160-CLS	70020282870	Contact Factory	1	EA
5626003		HF165-CL	70020303536	Contact Factory	1	EA
5626004		HF160-CLX	70020344357	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
5626005		HF160-CLXS	70020344365	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
5626006		HF165-CLX	70020344373	27-1/4" x 5-1/4" x 5-9/16" (69.2 cm x 13.3 cm x 14.1 cm)	1	EA
5626111	5609329	HF10-MS	70020324284	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	6	EA
5626113	5609331	HF15-MS	70020324292	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm x 26.7 cm x 40 cm)	6	EA
5626203		BREW110-MS	70020324318	Contact Factory	6	EA
5626204		BREW115-MS	70020324326	Contact Factory	6	EA
5630101		CFS9110H-S	70020345057	Contact Factory	12	EA
5626903		HFRO 500	70020274760	Contact Factory	1	EA
5627003		DF260-CLX	70020343607	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)		
5627004		DF265-CLX	70071473105	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)		
5627201		DWS160-L	70020302934	Contact Factory	1	EA
5627302		HF95-CL	70020283795	Contact Factory	1	EA
5627501		HF295-CL	70020283985	Contact Factory	1	EA
5627503		HF295-CLX	70071473113	24-1/2" x 12" x 11" (62.3 cm x 30.5 cm x 27.9 cm)		
5627603		DIDF260-CLX	70071473121	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)		
5627604		DIDF265-CLX	70071473139	23-7/8" x 16-7/8" x 11" (60.6 cm x 42.9 cm x 27.9 cm)		
5628902	5628902	HF65-CL	70020300433	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5629101		ScaleGard™ HP Reverse Osmosis System	70020301092	Contact Factory	1	EA
5629701		B145-CLS	UU001529195	Contact Factory	1	EA
5629901		CFS9112H-SK	70020345040	16" H x 13" W x 16-3/4" L (40.6 cm x 33 cm x 42.5 cm)	12	EA
5630401		B165-CLS	UU001527595	Contact Factory	1	EA
5630501		B195-CLS	UU001528601	Contact Factory	1	EA
5630801		P145BN-CL	UU001528510	Contact Factory	1	EA
5630901		P165BN-CL	UU001528361	Contact Factory	1	EA
5631001		P195BN-CL	UU001529534	Contact Factory	1	EA
5631301	5599501	CTG C for STM/ TSR150 system	70020320100	9" H x 9" W x 16" L (22.9 cm x 22.9 cm x 40.6 cm)	4	EA
5631602	5589001	CFS9720-S	70020319839	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
5631603	5589003	CFS9720	70020319847	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
5631604	5589201	CFS9112-S	70020319516	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
5631605	5589203	CFS9112	70020319524	14" H x 17" W x 18" L (35.6 cm x 43.2 cm x 45.7 cm)	12	EA
5631608	5601201	CFS9812X	70020319714	13" H x 16" W x 17" L (33 cm x 40.6 cm x 43.2 cm)	12	EA
5631609	5601203	CFS9812X-S	70020319722	13" H x 16" W x 17" L (33 cm x 40.6 cm x 43.2 cm)	12	EA
5631621	5572103	CFS9110-S	70020319490	9" H x 14" W x 17" L (22.9 cm x 35.6 cm x 43.2 cm)	4	EA
5631701	5589213	CFS9112EL	70020319532	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
5631702	5589215	CFS9112EL-S	70020319540	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
5631706	5589007	CFS9720EL-S	70020319862	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA
5631709	5601205	CFS9812ELX	70020319730	11" H x 11" W x 23" L (27.9 cm x 27.9 cm x 58.4 cm)	4	EA
5631710	5601207	CFS9812ELX-S	70020319748	11" H x 11" W x 23" L (27.9 cm x 27.9 cm x 58.4 cm)	4	EA
5632201	5615227	HF27	70020320217	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5632202	5615231	HF27-S	70020320233	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm x 26.7 cm x 59.1 cm)	6	EA
5632302	5622102	HF37	70020320266	Contact Factory	4	EA
5633001	5615601	P165BN	UU001540903	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5633101	5615001	P195BN	UU001540341	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5633104	5615013	PS195	UU001545274	Contact Factory	1	EA
5633201	5617601	SGP165BN-T	UU001541224	22" H x 4-7/8" D x 4-7/8" L (55.9 cm x 12.4 cm x 12.4 cm)	1	EA
5633301	5617602	SGP195BN-T	UU001541232	28" H x 4-7/8" D x 4-7/8" L (71.1 cm x 12.4 cm x 12.4 cm)	1	EA
5633601	5599601	CTG H for TSR150	UU001541216	9" H x 9" W x 16" L (22.9 cm x 22.9 cm x 40.6 cm)	4	EA
5633702	5609106	P-124B	UU001541331	24" H x 11" W x 11" L (61 cm x 27.9 cm x 27.9 cm)	4	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5633801	5610901	P124BN	UU001540374	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5633802	5610907	PS124	UU001540366	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5634801	5617603	SGP124BN-T	UU001540655	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5634802	5617610	ESP124-T	UU001540663	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm x 26.7 cm x 71.8 cm)	4	EA
5636202		SGLP200-CL	70020337773	Contact Factory	1	EA
5636203		SGLP200-CL-BP	70020337781	Contact Factory	1	EA
5636428		HF20-I	70020352327	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
5636429		HF20-SI	70020352335	11.25" H x 15.875" W x 27.375" L (28.575 cm x 40.3225 cm x 69.5325 cm)	6	EA
5636431		HF20-A020-S-SR	70020352558	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
5636432		HF20-S-SR	70020353028	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91 cm)	6	EA
5636433		HF20-A020-SR	70020353036	8.125" H x 11.625" W x 16.5" L (20.6375 cm x 29.5275 cm x 41.91cm)		EA
5637113		HF45-CLX	70020343599	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)		
5637115		HF40-S-SR	70020353044	5.25" H x 10" W x 14.875" L (13.335 cm x 25.4 cm x 37.7825 cm)	2	EA
5637116		HF45-CLXS	70020353754	14-5/8" x 5-1/8" x 4-15/16" (37.1 cm x 13 cm x 12.5 cm)		
5637210		HF60-CLX	70020342625	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)		
5637211		HF60-CLXS	70020342633	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)		
5637213		HF65-CLX	70020342658	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)		
5637225		HF60-A020-S-SR	70020352574	4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	1	EA
5637226		HF60-S-SR	70020353051	4.5625" H x 4.5625" W x 16.5" L (11.58875 cm x 11.58875 cm x 41.91 cm)	1	EA
5637227		HF65-CLXS	70020353762	17-5/8" x 5-1/8" x 4-15/16" (44.8 cm x 13 cm x 12.5 cm)		
5637301		HF90-CLX	70020342682	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637308		HF90-CLX-RO	70020342757	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637311		HF95-CLX	70020342781	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637315		HF90-SR	70020352616	4.5625" H x 4.5625" W x 22.5" L (11.58875 cm x 11.58875 cm x 57.15 cm)	1	EA
5637317		HF95-CLXS	70020353770	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637318		HF98-CLX	70020353788	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637319		HF98-CLXS	70020353796	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637320		HF98	70020353804	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5637321		HF98-S	70020353812	23-5/8" x 5-1/8" x 4-15/16" (60 cm x 13 cm x 12.5 cm)		
5639205		CFS22B1.5	70020351949	8.66" H x 11.22" W x 29.134" L (22 cm x 28.5 cm x 74 cm)	2	EA
5639206		CFS22B1.0	70020351956	8.66" H x 11.22" W x 29.13" L (22 cm x 28.50 cm x 74 cm)	2	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
5639401		HF190-SR	70020353838	TBD		
6213001		VH3-NPT heads (3/8" NPT)	70020021112	Contact Factory	12	EA
6213003		VH3-NPT heads (3/8" NPT)	70020021120	Contact Factory	12	EA
6213009		VH3-NPT heads (3/8" NPT)	70020304039	Contact Factory	12	EA
6214413		1/2" NH3-NPT head w/gauge	70020309814	Contact Factory	12	EA
6214415		NH3 -1/2" NPT head — no gauge port (flat head)	70020144302	Contact Factory	12	EA
6214417		1/2" NH3-NPT head with plugged gauge port	70020144310	Contact Factory	12	EA
6216501		1/2" NPT NH3 Shut-off Ball Valve Kit	70020144336	Contact Factory	1	EA
6216503		NH3 Flush Valve Kit	70020160589	Contact Factory	1	EA
6216505		VH3 Flush Valve Kit	70020197862	Contact Factory	1	EA
6228401		DF2 Manifold Assy. (DF2XX)	70020228444	Contact Factory	1	EA
6228403		Dual Port Triple Manifold Assy. (DP3XX)	70020229426	Contact Factory	1	EA
6228405		Triple Manifold Assy.	70020228980	Contact Factory	1	EA
6228501		DF1 Manifold Assy. (DF1XX)	70020228451	Contact Factory	1	EA
6228503		Dual Port Twin Manifold Assy. (DP2XX)	70020229434	Contact Factory	1	EA
6228505		Twin Manifold	70020229442	Contact Factory	1	EA
6228601		SF165 Manifold Assy. (SF1XX)	70020228121	Contact Factory	1	EA
6228603		Dual Port Single Manifold Assy. (DP1XX)	70020228139	Contact Factory	1	EA
6232705		SGHP RO-EXP	70020315613	Contact Factory	1	EA
6235201		SH-EXP	70020286095	Contact Factory	1	EA
6235205		SGHP Pre-EXP	70020315621	Contact Factory	1	EA
6239301		ScaleGard™ HP Reverse Osmosis System (110 V)	70020301100	Contact Factory	1	EA
6240807		BH3-NPT Head	70020333350	Contact Factory	1	EA
6240809		BH3M-NPT Head	70020333335	Contact Factory	1	EA
6240810		BH3WM-NPT Head	70020333327	Contact Factory	1	EA
6841441		ScaleGard™ HP Install Kit	70020299908	Contact Factory	1	EA
6890033		Wrench for 20" 4.5 Diameter Housing	70020021930	1" H x 4" W x 10" L (2.5 cm x 10.2 cm x 25.4 cm)	1	EA
6890131		CFS22MB Mounting Bracket	1614500957	Contact Factory	1	EA
50-91301		TFS450 Install Kit	70020230754	Contact Factory	1	EA
50-91701		Pressure Relief Valve Kit 3/8" x 1/4" JG	70020252527	Contact Factory	1	EA

Product List by Part Number (Cont.)

Part #	Previous Part #	Model #	3M ID#	Shipping Dimensions	Cs Qty	Pkg
50-93701	8500556	Pressure Gauge 1/8" NPT	70020330117	Contact Factory	1	EA
50-93707		Ball Valve 3/4" FNPT	70020330174	Contact Factory	1	EA
50-93712	63597320	Part-HF O-ring	70020330224	Contact Factory	1	EA
50-93726	8500555	Pressure Gauge 1/4" NPT	70020330364	Contact Factory	1	EA
50-93732	85-8522	Part-HF Male NPT Adapter 3/4" (O-ring not included)	70020330422	Contact Factory	1	EA
50-94201		Cleaning Bypass Assy.	70020337799	Contact Factory	1	EA
A-050P		A MEDIA 1 CUBIC FT for BWF softeners	70020092139	20" H x 13" D (50.8 cm x 33 cm)	1	EA
C-050P		C MEDIA .5 CUBIC FT	70020092758	10" H x 13" D (25.4 cm x 33 cm)	1	EA
CFSM1254		CFSM1254	70020220896	Unit: 67" H x 13.5" W x 13.5" L (170.2 cm x 34.3 cm x 34.3 cm) Tank: 40" H x 15.5" D x 15.5" L (101.6 cm x 39.4 cm x 39.4 cm)	1	EA
HWS050		HWS050	70020095470	Unit: 27" H x 10" W x 10" L (68.6 cm x 25.4 cm x 25.4 cm) Tank: 25" H x 18" W x 18" L (63.5 cm x 45.7 cm x 45.7 cm)	1	EA
N-050P		N Media .5 CUBIC FT	70020097955	13" H x 11.5" D (33 cm x 29.2 cm)	1	EA

Terms and Conditions

These Terms and Conditions shall govern each product sales transaction between 3M Purification Inc. ("3M PI") and Buyer. Any inconsistent terms of Buyer, wherever set forth and whether oral or written, shall not be binding upon 3M PI unless agreed to by 3M PI in writing. No waiver of these Terms and Conditions or any special terms relating to this order shall be binding upon 3M PI unless agreed to in writing by 3M PI.

1. QUOTATIONS. Quotations submitted by 3M PI are good for acceptance only within thirty (30) days from date of quotation unless otherwise specified. Prices quoted do not include any sales, use, excise, value added, or other similar tax. Delivery lead times contained within quotations shall be effective from the date of receipt by 3M PI of all necessary engineering and manufacturing information including approved drawings if requested by Buyer.

2. ACCEPTANCE. All orders are subject to 3M PI's approval and acceptance. A written acknowledgment sent to Buyer of orders so approved shall constitute 3M PI's acceptance. 3M PI may at any time alter or suspend credit, refuse shipment, or cancel unfulfilled orders when, in 3M PI's opinion, the financial conditions of Buyer or the status of Buyer's account warrants it, or when delivery is delayed by fault of Buyer or Buyer's delinquency in payment. No order accepted by 3M PI will be subject to cancellation, termination, suspension, change, reduction, cutback or any modifications by Buyer except with 3M PI's prior written consent, which may be subject to fees as 3M PI determines.

3. CANCELLATION. Orders may be canceled or deliveries deferred by Buyer only upon the condition that the Buyer assumes immediate liability for and makes prompt payment to 3M PI of all expenses incurred, charges for commitments made by 3M PI, profit on work in process, and contract value of items completed and ready for shipment.

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5. EXCUSABLE DELAY, INABILITY TO SUPPLY AND/OR LIMITED SUPPLY. Neither 3M PI nor Buyer shall be liable for failure to perform (except for payment by Buyer for Product(s) received) if performance is prevented, restricted, or interfered with by reason of fire or earthquake or other casualty or accident; inability to procure materials, power, or supplies; war, terrorism, or other violence; any law, order, proclamation, regulation, ordinance, demand, or requirement of any government agency, court, or intergovernmental body; situation in which 3M has insufficient capacity to manufacture or deliver forecasted demand across any and all product lines; environmental, health, safety, or regulatory reason as reasonably determined by 3M; or any other event or condition whatsoever beyond its reasonable control. A party, when so affected and upon giving notice, shall be excused from such performance to the extent of such prevention, restriction, or interference; provided that the affected party shall use its reasonable efforts to avoid or remove such reason for nonperformance and shall promptly resume performance if and when such reason is remedied. In the event of back-order or other limited supply or availability of Product(s) for such reason or any other reason, 3M reserves the right, in its sole discretion and in a manner that it determines to be fair and reasonable under the circumstances, to allocate production capacity related to and/or supply of Product(s).

6. PACKAGING. All items sold hereunder shall be packed or crated and shipped in accordance with 3M PI's best judgment. Any special packing, crating, or shipping instructions of Buyer must be noted on Buyer's original order and acknowledged by 3M PI.

7. INSPECTION. Buyer shall inspect all items upon arrival and give written notice to 3M PI within ten (10) days of arrival of any claim for shortage or nonconformance with these terms. Failure to give such notice, BUYER waives all claims for such shortage or nonconformance, and Buyer shall be bound to accept and pay for all items in accordance with these terms.

8. RETURNS. No product may be returned without 3M PI's prior written approval. Transportation charges are to be prepaid by Buyer. When expressly authorized by 3M PI in writing, unused non-defective products in unopened packaging may be returned to 3M PI subject to a service handling and restocking charge.

9. PAYMENT TERMS. Payment terms shall be net thirty (30) days from date of invoice, unless otherwise expressly agreed in writing by 3M PI. Late charges of the lesser of one and one-half percent (1 ½%) per month or the maximum amount allowed by law will be assessed on invoices after the due date.

10. CREDITS. If any credit amount is not used, 3M PI reserves the right to offset it against the oldest outstanding items on the account. Credits are subject to unclaimed property laws. After 3M PI applies the credit to your oldest outstanding items, if a credit balance remains on your account, the credit will be reported and paid to your state, as required by the laws of your state, and will no longer be available for use on your 3M PI account.

11. TAXES. Buyer shall pay all sales, use, excise, value added or other similar taxes that may levied, assessed or otherwise become due on account of items to be delivered hereunder, unless proof of exemption is furnished to 3M PI.

12. REPAIRS, ALTERATIONS AND MODIFICATIONS. If Buyer requests that 3M PI repair any 3M PI product not covered by the warranty provided in Section 12 below, such repair charges shall be at the Buyer's expense unless specifically authorized in writing by 3M PI. Any alterations or modifications to the 3M PI product by Buyer or Buyer's agents are not permitted without specific authorization in writing by 3M PI and will void the warranty and render the products non-returnable by Buyer.

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Notes

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