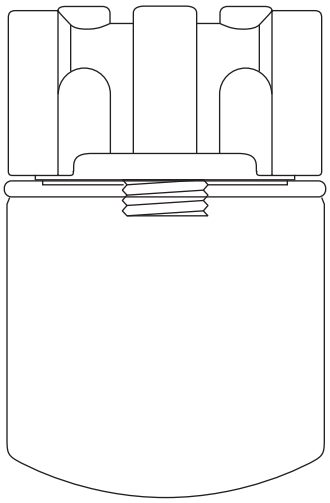
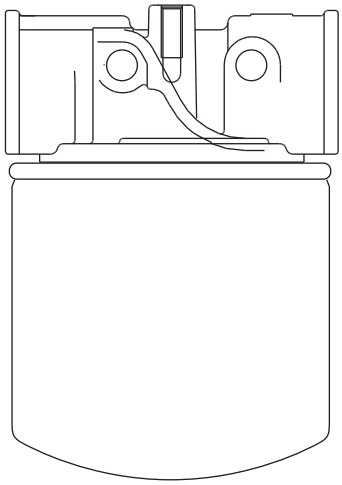
Style A
(NPT Port Connections)



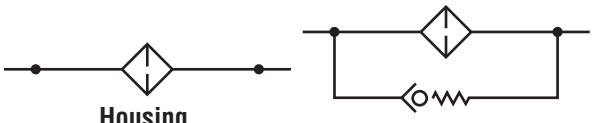
Style B
(BSP Port Connections)



Specifications

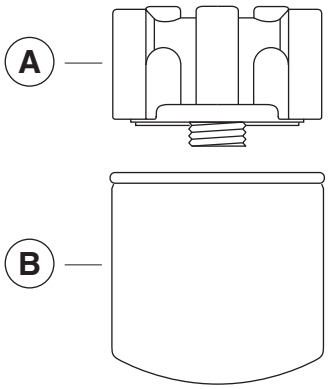
Specification	HF6500 Series – Style A	HF6500 Series – Style B
Rated Flow	Up to 37 gal/min (140 L/min)	See Ordering Information
Maximum Static Pressure	350 lb/in^2 (2413 kPa)	260 lb/in^2 (1800 kPa)
Recommended Working Pressure (Non-shock operating conditions)	250 lb/in^2 (1724 kPa)	175 lb/in^2 (1200 kPa)
Seals	Buna N	Buna N
Filter Service Clearance	Min. 0.64" (1.63 mm)	Min. 0.64" (1.63 mm)

Note: lb/in^2 is the standard SI notation for psi.
Specifications subject to change without notice.



Housing

Housing with Check Valve



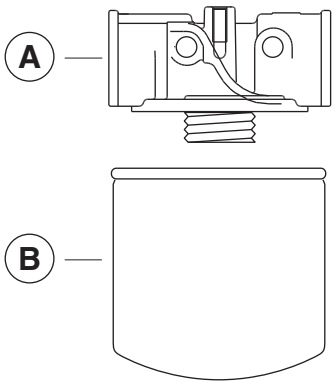
Parts List – Style A

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information

Ordering Information – Style A

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Indicator Type*
HH6943	3/4" NPTF	None	None
HH6944		4 (27.6)	None
HH6945		25 (172.4)	None
HH6946	1" NPTF	None	None
HH6947		4 (27.6)	None
HH6948		25 (172.4)	None

* Can be drilled and tapped for pressure and/or vacuum gauges.



Parts List – Style B

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information
	Clogging Indicator (not shown)	See Ordering Information

Ordering Information – Style B

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Rated Flow gal/min (L/min)	Application*
ST1024HH	3/4" BSP	3.6 (25)	6.6 (25)	Suction Line
ST1025HH		25.4 (175)	23.7 (90)	Return Line

* Units are pre-drilled with 1/8" BSP tappings for the installation of pressure and/or vacuum gauges. See ordering information below.

Optional Clogging Indicators – Style B Only

Part Number	Description
ST1429MA	Vacuum gauge for suction line application
ST1398MR	Pressure gauge for return line application

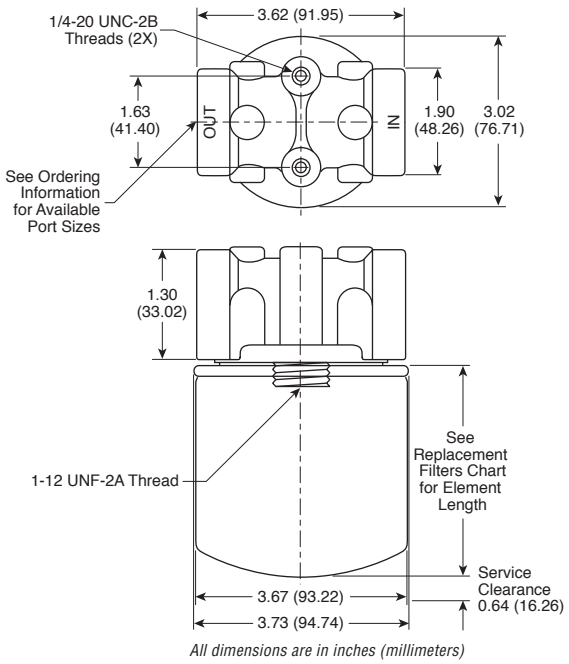
Replacement Filters

Part Number	$\beta_{x(c)} > 200$	$\beta_{x(c)} > 75$	$\beta_{x(c)} > 2$	Media	Element Length in (mm)	Fluid Compatibility
Style A						
HF6500	N/A	11	4	Cellulose/Synthetic	5.68 (144.27)	Petroleum Base
HF6510	38	47	14	Cellulose	5.68 (144.27)	Petroleum Base
HF6511	38	47	14	Cellulose	8.00 (203.20)	Petroleum Base
HF6520	N/A	29	13	Cellulose/Synthetic	5.68 (144.27)	Petroleum Base
HF6521	N/A	29	13	Cellulose/Synthetic	8.00 (203.20)	Petroleum Base
HF6522	–	140	–	Wire Mesh	5.68 (144.27)	Petroleum and Water Base
HF6523	–	140	–	Wire Mesh	8.00 (203.20)	Petroleum and Water Base
Style B						
HF6535	–	14	5	Cellulose	5.78 (147)	Petroleum Base
HF6536	–	14	5	Cellulose	8.07 (205)	Petroleum Base
HF6537	–	23	11	Cellulose	5.78 (147)	Petroleum Base
HF6538	–	23	11	Cellulose	8.07 (205)	Petroleum Base
HF6539	6	5	–	FG2000™*	5.78 (147)	Petroleum and Water Base
HF6541	12	10	6	FG2000™*	5.78 (147)	Petroleum and Water Base
HF6542	12	10	5	FG2000™*	8.07 (205)	Petroleum and Water Base
HF6544	27	23	10	FG2000™*	8.07 (205)	Petroleum and Water Base
HF6591	27	23	10	FG2000™*	5.78 (147)	Petroleum and Water Base
ST1813	–	90	–	Wire Mesh	5.78 (147)	Petroleum and Water Base

* FG2000™ is a high pressure synthetic media. Given identical efficiency performance, this media possesses lower restriction and higher capacity characteristics.

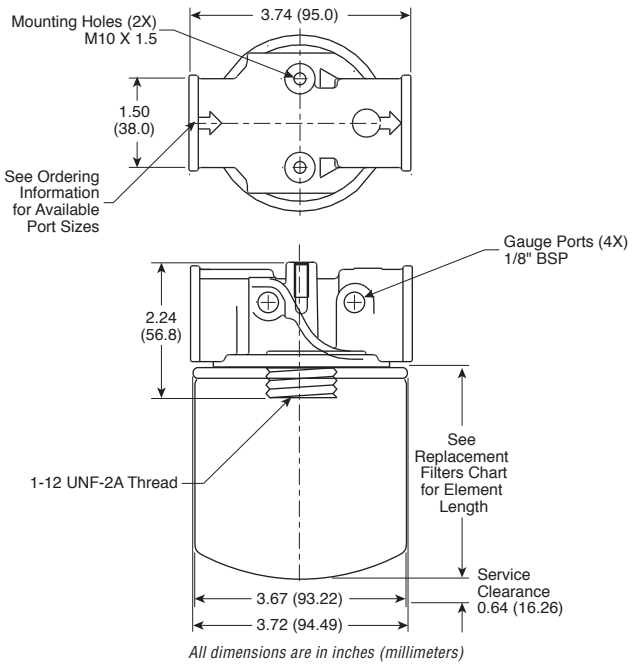
Mounting/Dimensions

Style A



All dimensions are in inches (millimeters)

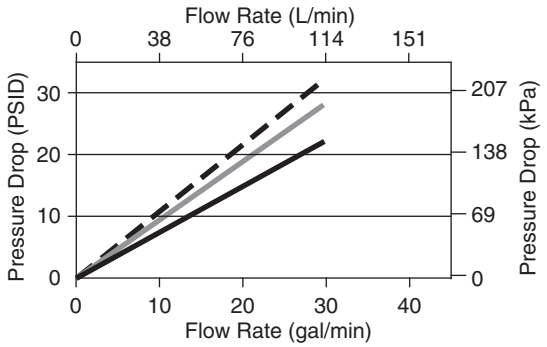
Style B



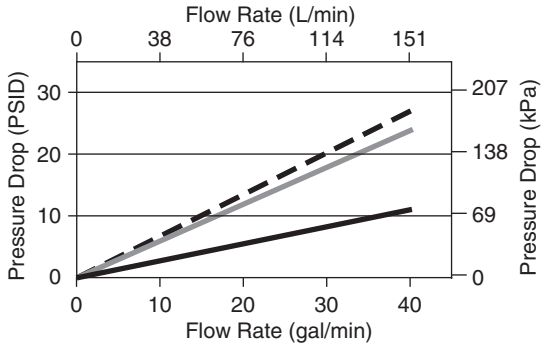
All dimensions are in inches (millimeters)

Performance

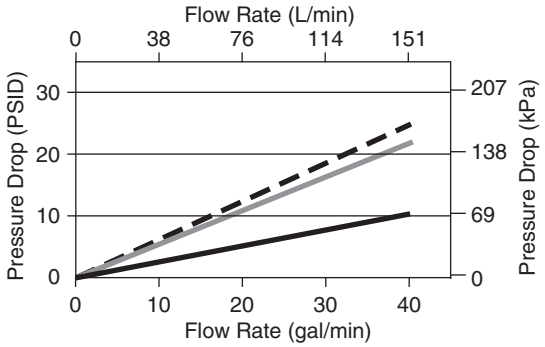
HF6500
Rated Flow: 8 gal/min (38 L/min)



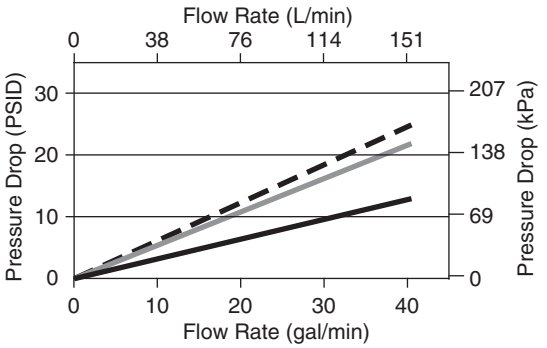
HF6510
Rated Flow: 24 gal/min (110 L/min)



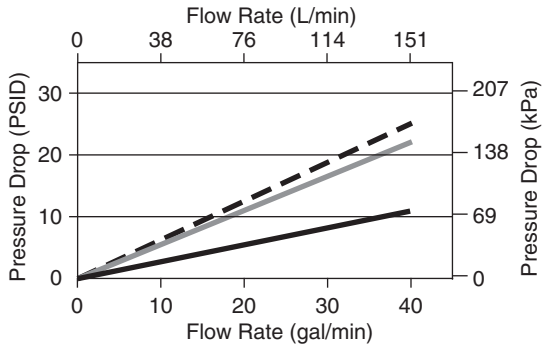
HF6511
Rated Flow: 25 gal/min (117 L/min)



HF6520
Rated Flow: 20 gal/min (129 L/min)



HF6521
Rated Flow: 23 gal/min (140 L/min)



Legend

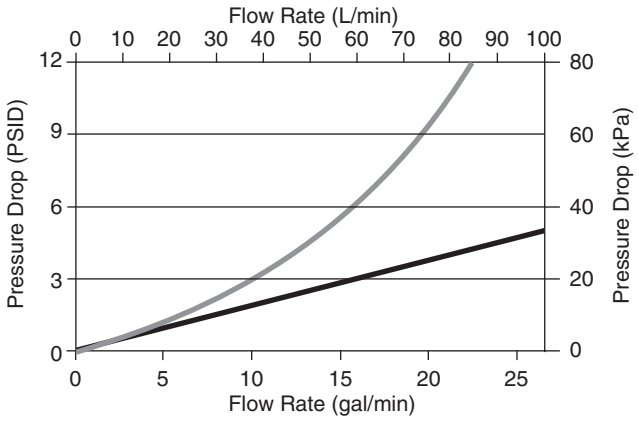
- Assembly with 3/4" (19.05 mm) Ports
- Assembly with 1" (25.4 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

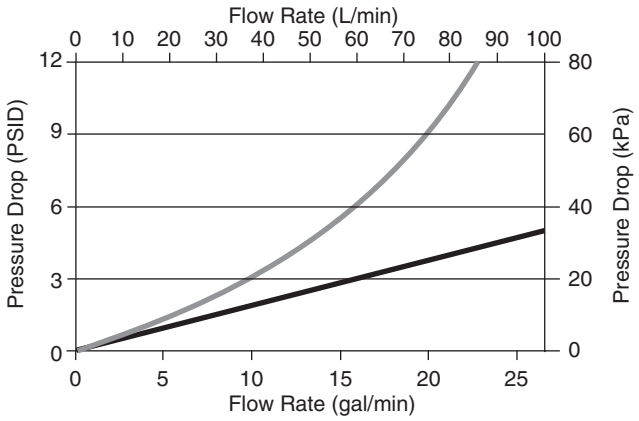
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

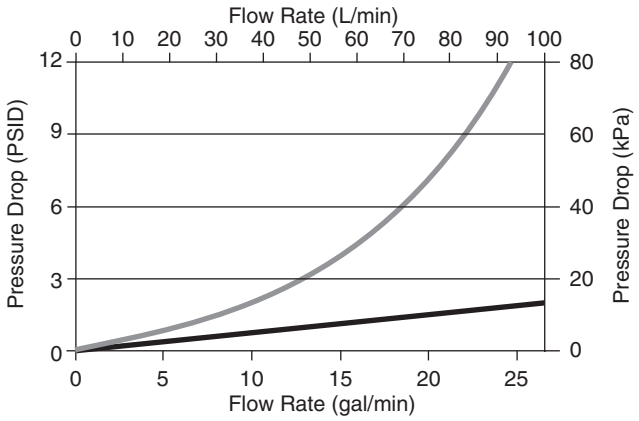
HF6535
Rated Flow: 11.78 gal/min (44.6 L/min)



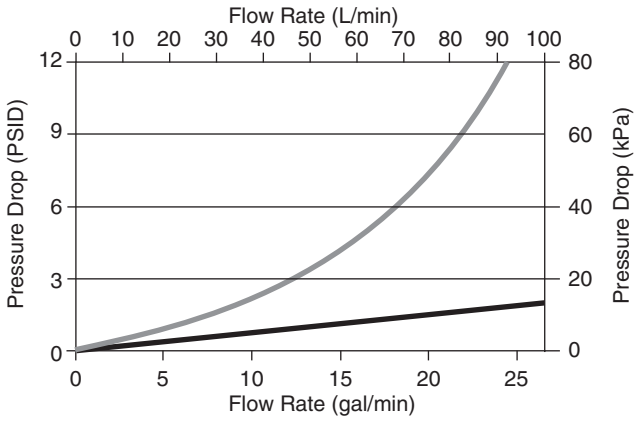
HF6536
Rated Flow: 20.61 gal/min (78.0 L/min)



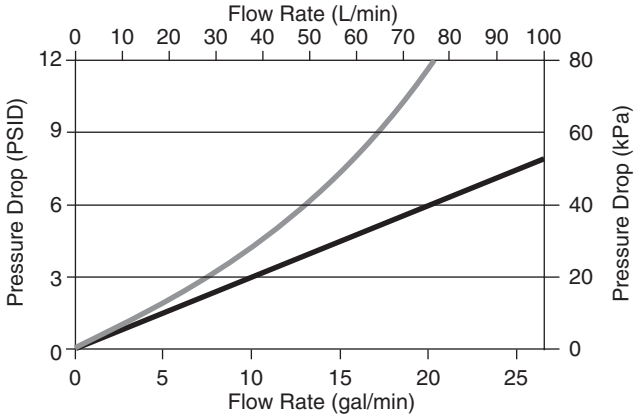
HF6537
Rated Flow: 9.93 gal/min (37.59 L/min)



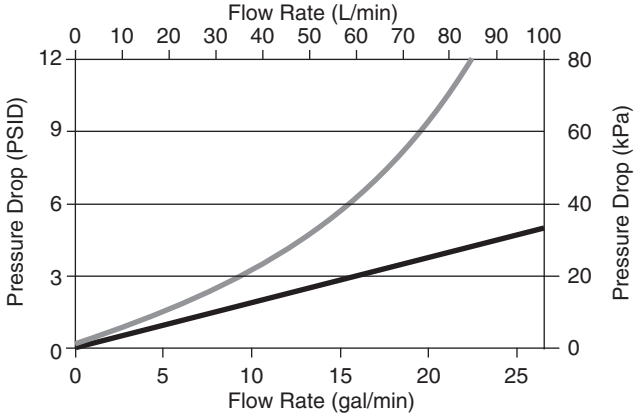
HF6538
Rated Flow: 14.98 gal/min (56.7 L/min)



HF6539
Rated Flow: 14.53 gal/min (55.00 L/min)



HF6541
Rated Flow: 10.00 gal/min (37.85 L/min)



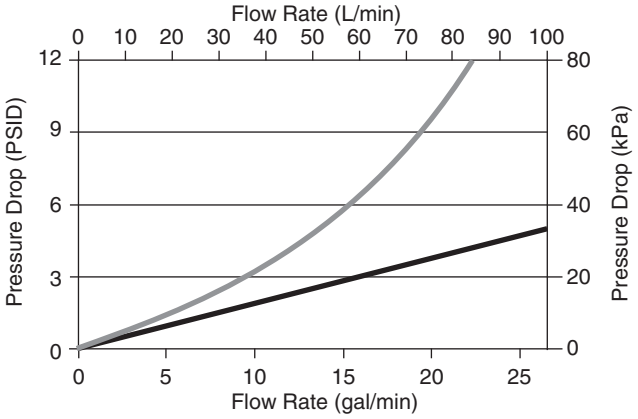
Legend
- Assembly with 3/4" (19.1 mm) BSP Ports
- Element

Flow/Pressure: 32 mm^2/s

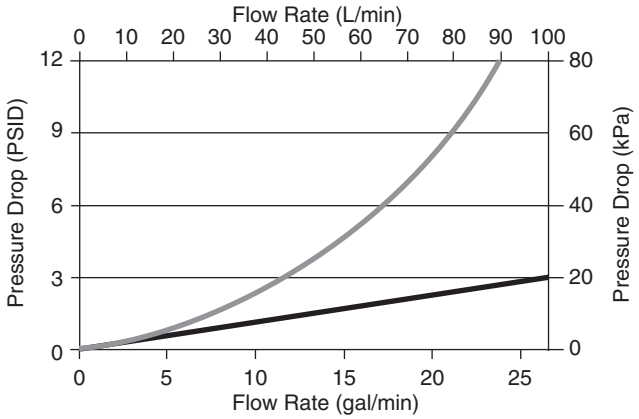
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

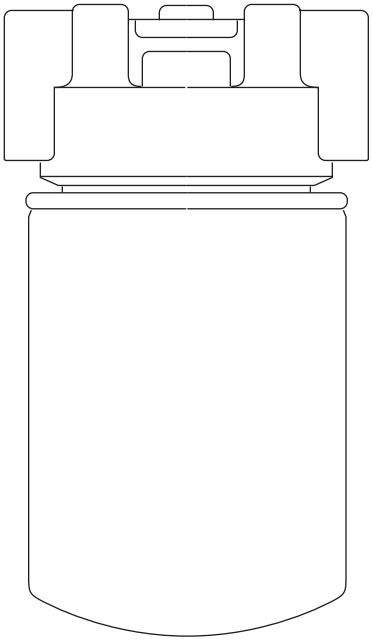
HF6542
Rated Flow: 14.53 gal/min (55.00 L/min)



HF6544 and HF6591
Rated Flow: 14.53 gal/min (55.00 L/min)



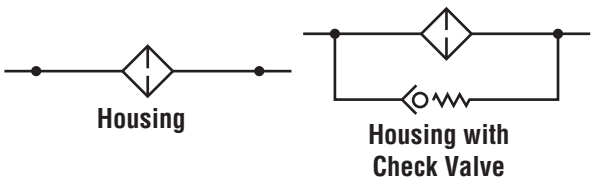
Legend
Assembly with 3/4" (19.1 mm) BSP Ports
Element
Flow/Pressure: 32 mm^2/s
Rated Flow: @ 5 PSID (34 kPa) Across Filter

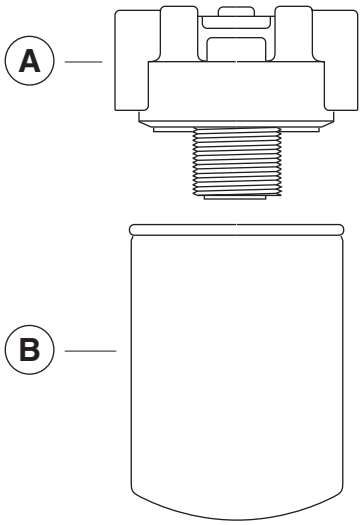


Specifications

Specification	HF6600 Series
Rated Flow	Up to 35 gal/min (132 L/min)
Maximum Static Pressure	500 lb/in^2 (3448 kPa)
Recommended Working Pressure (Non-shock operating conditions)	300 lb/in^2 (2068 kPa)
Seals	Buna N
Filter Service Clearance	Min. 1.30" (33.02 mm)

Note: lb/in^2 is the standard SI notation for psi.
Specifications subject to change without notice.





Parts List

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information

Ordering Information

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Indicator Type
HH6926	1-5/16" 12 SAE	None	None
HH6930		25 (172.4)	None
HH6931	1-1/16" 12 SAE	None	Electric*
HH6932		None	None
HH6935		25 (172.4)	Electric*
HH6936		25 (172.4)	None
HH6938	3/4" 14 NPTF	None	None
HH6942		25 (172.4)	None

* Electric indicator is set at 15 PSID (103.4 kPa).

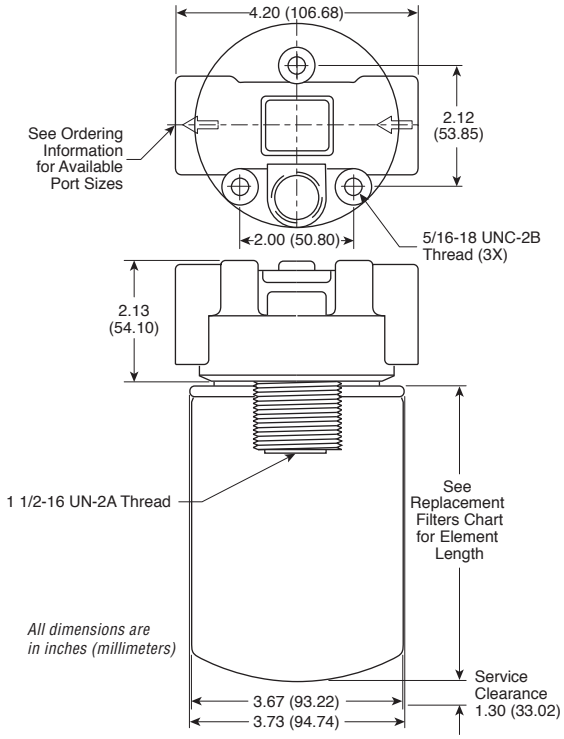
Replacement Filters

Part Number	$\beta_{x(c)} > 200$	$\beta_{x(c)} > 75$	$\beta_{x(c)} > 2$	Media	Element Length in (mm)	Fluid Compatibility
HF6603**	6	5	N/A	FG2000™*	5.88 (149.35)	Petroleum and Water Base
HF6604**	6	5	N/A	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6606**	8	7	N/A	FG2000*	5.88 (149.35)	Petroleum and Water Base
HF6607**	8	7	N/A	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6612**	13	11	6	FG2000*	5.88 (149.35)	Petroleum and Water Base
HF6613**	13	11	6	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6625**	25	21	9	FG2000*	5.88 (149.35)	Petroleum and Water Base
HF6626**	25	21	9	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6630	16	13	4	FG2000*	5.88 (149.35)	Petroleum and Water Base
HF6631	13	11	6	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6632	27	21	10	FG2000*	5.88 (149.35)	Petroleum and Water Base
HF6633	24	21	9	FG2000*	8.00 (203.20)	Petroleum and Water Base
HF6000	N/A	11	4	Cellulose/Synthetic	5.88 (149.35)	Petroleum Base
HF6001	N/A	11	4	Cellulose/Synthetic	8.00 (203.20)	Petroleum Base
HF6610	N/A	47	14	Cellulose	5.88 (149.35)	Petroleum Base
HF6611	N/A	47	14	Cellulose	8.00 (203.20)	Petroleum Base
HF6620	N/A	29	13	Cellulose/Synthetic	5.88 (149.35)	Petroleum Base
HF6621	N/A	29	13	Cellulose/Synthetic	8.00 (203.20)	Petroleum Base

* FG2000™ is a high pressure synthetic media. Given identical efficiency performance, this media possesses lower restriction and higher capacity characteristics.

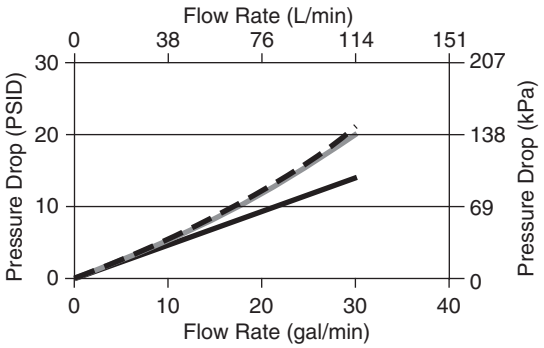
** Has epoxy potting material.

Mounting/Dimensions

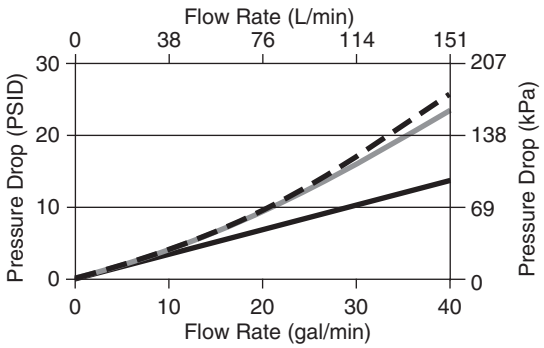


Performance

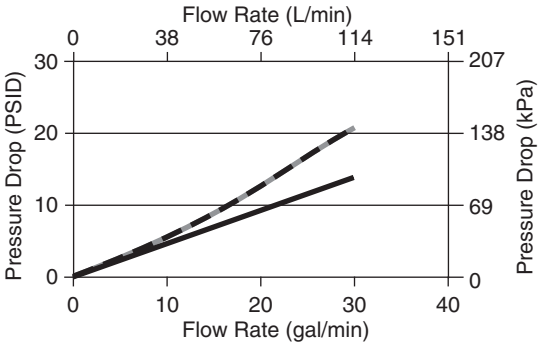
HF6600
Rated Flow: 11 gal/min (42 L/min)



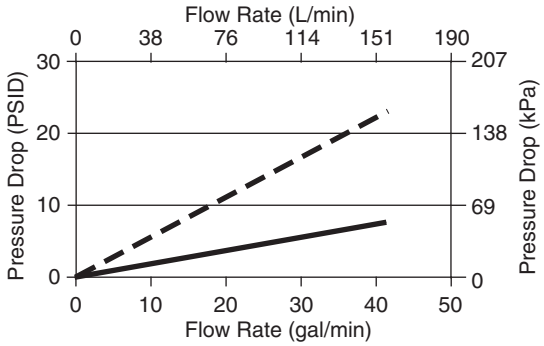
HF6601
Rated Flow: 14 gal/min (53 L/min)



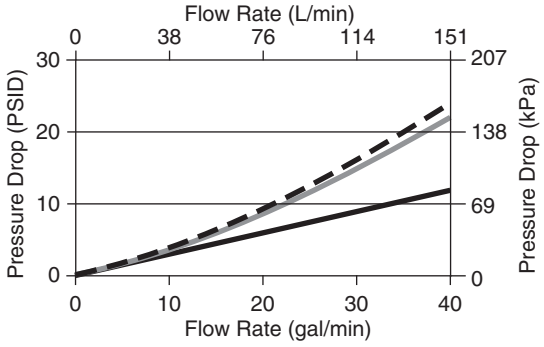
HF6603
Rated Flow: 11 gal/min (42 L/min)



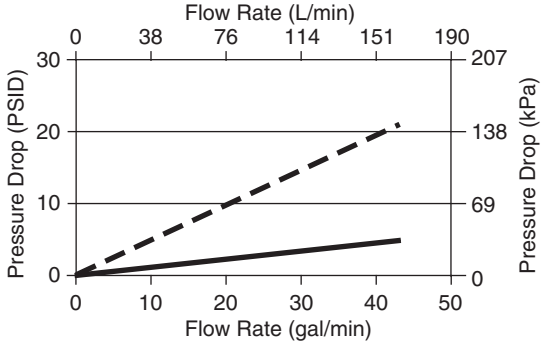
HF6604
Rated Flow: 39.63 gal/min (150 L/min)



HF6606
Rated Flow: 16 gal/min (61 L/min)



HF6607
Rated Flow: 39.63 gal/min (150 L/min)



Legend

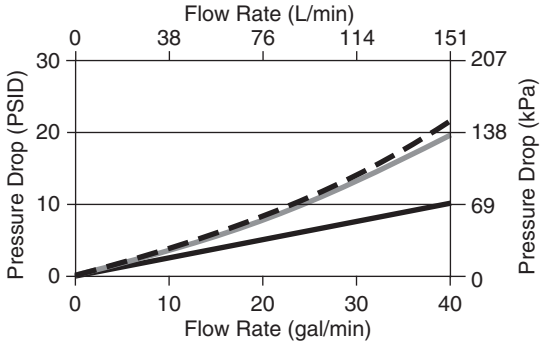
- Assembly with 1-1/16" (26.99 mm) and 3/4" (19.05 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

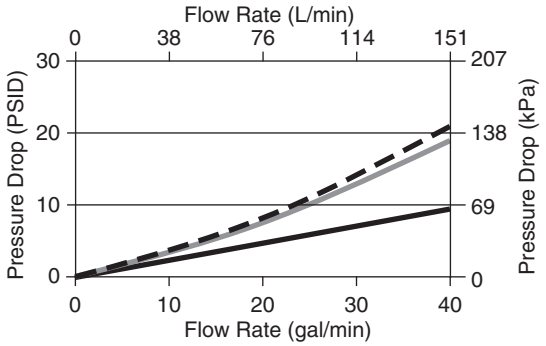
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

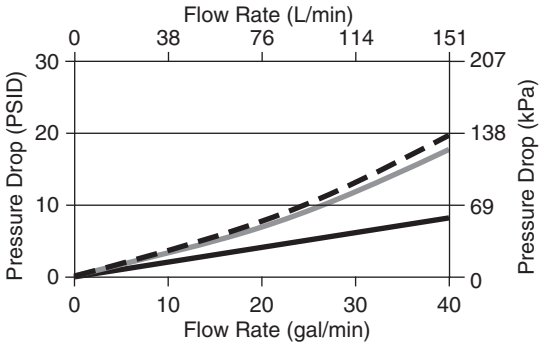
HF6610
Rated Flow: 20 gal/min (76 L/min)



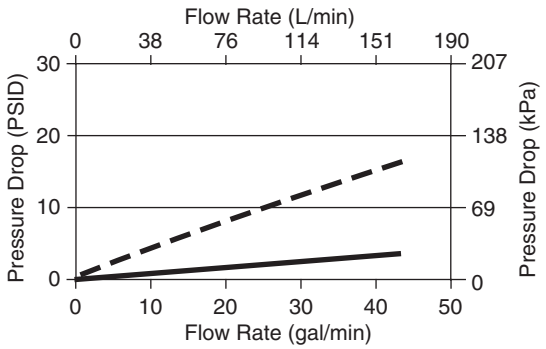
HF6611
Rated Flow: 23 gal/min (87 L/min)



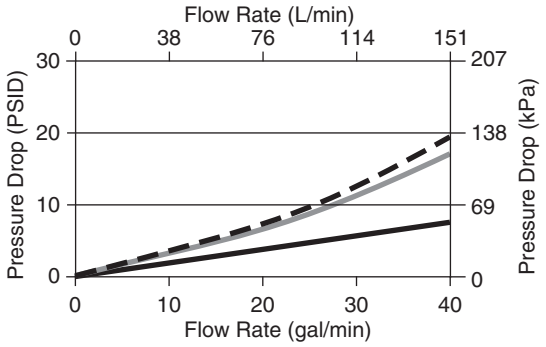
HF6612
Rated Flow: 26 gal/min (96 L/min)



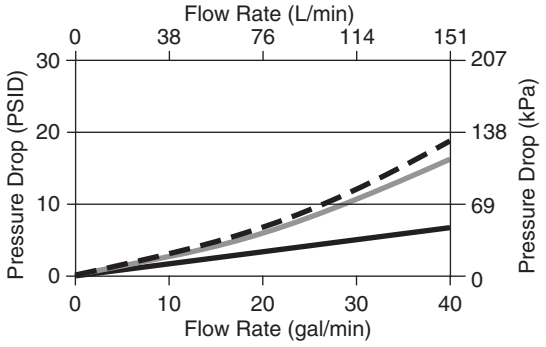
HF6613
Rated Flow: 39.63 gal/min (149.8 L/min)



HF6620, HF6625, HF6630 and HF6632
Rated Flow: 25 gal/min (95 L/min)



HF6621 and HF6633
Rated Flow: 29 gal/min (110 L/min)



Legend

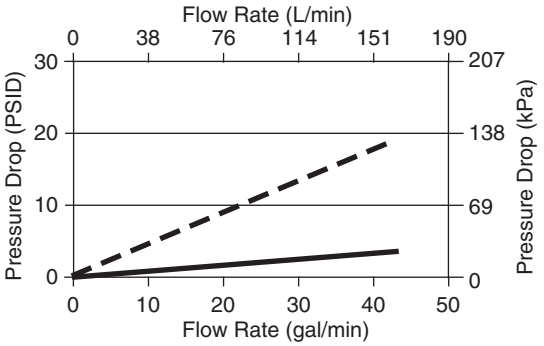
- Assembly with 1-1/16" (26.99 mm) and 3/4" (19.05 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

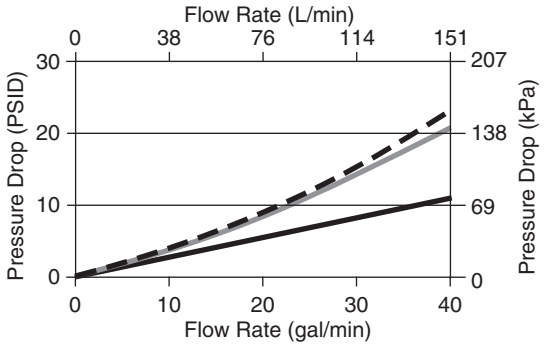
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

HF6626
Rated Flow: 39.63 gal/min (149.8 L/min)



HF6631
Rated Flow: 18 gal/min (68 L/min)



Legend

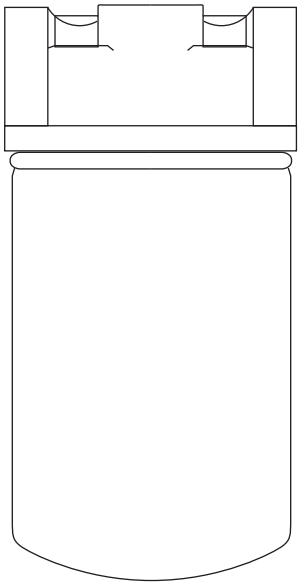
- Assembly with 1-1/16" (26.99 mm) and 3/4" (19.05 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

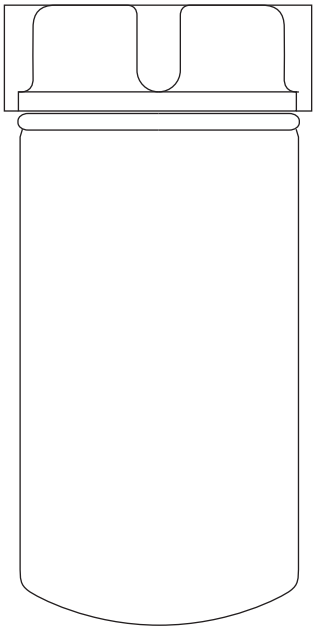
Rated Flow: @ 5 PSID (34 kPa) Across Filter

HF6700 Series

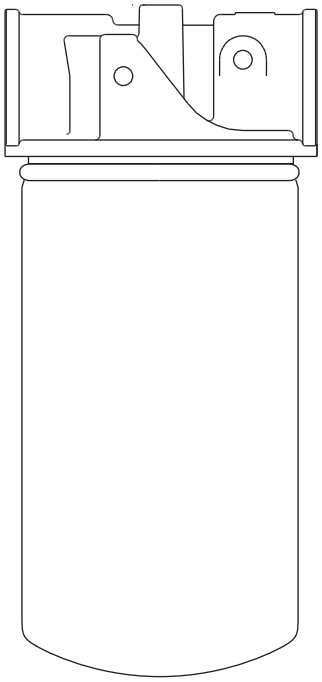
Style A (NPT Port Connections)



Style B (NPT Port Connections)



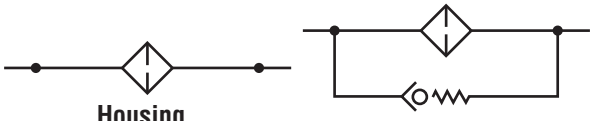
Style C (BSP Port Connections)



Specifications

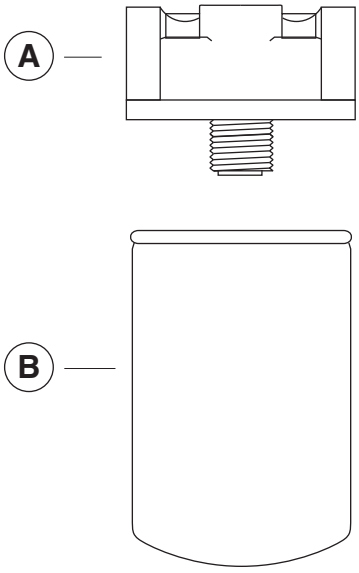
Specification	HF6700 Series – Styles A and B	HF6700 Series – Style C
Rated Flow	Up to 55 gal/min (208 L/min)	See Ordering Information
Maximum Static Pressure	300 lb/in^2 (2068 kPa)	260 lb/in^2 (1800 kPa)
Recommended Working Pressure (Non-shock operating conditions)	200 lb/in^2 (1379 kPa)	175 lb/in^2 (1200 kPa)
Seals	Buna N	Buna N
Filter Service Clearance	Min. 1.50" (38.10 mm)	Min. 1.50" (38.10 mm)

Note: lb/in^2 is the standard SI notation for psi.
Specifications subject to change without notice.



Housing

Housing with Check Valve



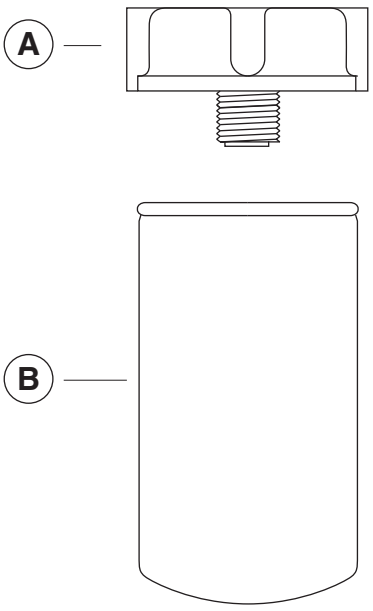
Parts List – Style A

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information

Ordering Information – Style A

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Indicator Type*
HH6962	1-1/4" NPTF	None	None
HH6963		4 (27.6)	None
HH6965		25 (172.4)	None
HH6967	1-1/2" NPTF	None	None
HH6968		4 (27.6)	None
HH6970		25 (172.4)	None
HH6972	1-5/8" NPTF	25 (172.4)	None
HH6973		None	None

* Can be drilled and tapped for pressure and/or vacuum gauges.



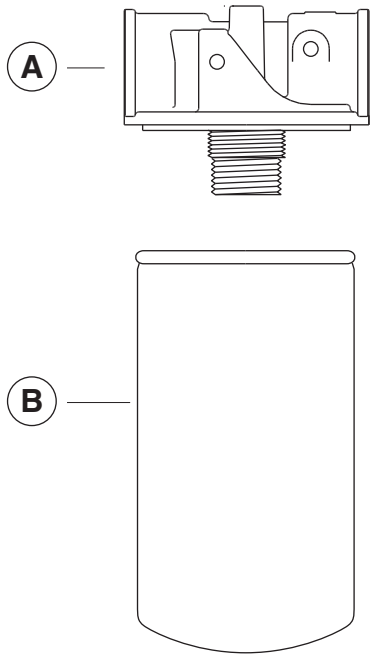
Parts List – Style B

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information

Ordering Information – Style B

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Indicator Type
HH6951	1-5/16" 12 SAE	None	None
HH6954		25 (172.4)	Electric*
HH6955		25 (172.4)	None
HH6956	1" NPTF	None	Electric*
HH6957		None	None
HH6959		4 (27.6)	None
HH6960		25 (172.4)	Electric*
HH6961		25 (172.4)	None

* Electric indicator is set at 15 PSID (103.4 kPa).



Parts List – Style C

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information
	Clogging Indicator (not shown)	See Ordering Information

Ordering Information – Style C

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Rated Flow gal/min (L/min)	Indicator Type*
ST1028HH	1-1/4" BSP	4 (25)	13 (50)	Vacuum Gauge
ST1029HH		25 (175)	58 (220)	Pressure Gauge
ST1297HH		51 (350)	58 (220)	Pressure Gauge

* Units are pre-drilled with 1/8" BSP tappings for the installation of pressure and/or vacuum gauges. See ordering information below.

Clogging Indicators – Style C Only

Part Number	Description
ST1429MA	Vacuum gauge for suction line application
ST1398MR	Pressure gauge for return line application

Replacement Filters

Part Number[1]	$\beta_{x(c)} > 200$	$\beta_{x(c)} > 75$	$\beta_{x(c)} > 2$	Media	Element Length in (mm)	Fluid Compatibility
Styles A and B						
HF6703[2]	6	5	N/A	FG2000™ [4]	6.63 (168.40)	Petroleum and Water Base
HF6704[2]	6	5	N/A	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6706[2]	8	7	N/A	FG2000[4]	6.63 (168.40)	Petroleum and Water Base
HF6707[2]	8	7	4	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6712[2]	13	11	6	FG2000[4]	6.63 (168.40)	Petroleum and Water Base
HF6713[2]	13	11	6	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6725[2]	25	21	9	FG2000[4]	6.63 (168.40)	Petroleum and Water Base
HF6726[2]	25	21	9	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6730	N/A	11	6	FG2000[4]	6.63 (168.40)	Petroleum and Water Base
HF6731	N/A	11	6	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6732	N/A	25	10	FG2000[4]	6.63 (168.40)	Petroleum and Water Base
HF6733	N/A	29	10	FG2000[4]	10.63 (270.00)	Petroleum and Water Base
HF6700	N/A	11	4	Cellulose/Synthetic	6.63 (168.40)	Petroleum Base
HF6701	N/A	11	4	Cellulose/Synthetic	10.63 (270.00)	Petroleum Base
HF6710	N/A	47	14	Cellulose	6.63 (168.40)	Petroleum Base
HF6711	N/A	47	14	Cellulose	10.63 (270.00)	Petroleum Base
HF6720	N/A	29	13	Cellulose/Synthetic	6.63 (168.40)	Petroleum Base
HF6721	N/A	29	13	Cellulose/Synthetic	10.63 (270.00)	Petroleum Base
HF6722	– [3]	140	– [3]	Wire Mesh	6.63 (168.40)	Petroleum and Water Base
HF6723	– [3]	140	– [3]	Wire Mesh	10.63 (270.00)	Petroleum and Water Base
Style C						
HF6177	–	26	10	Cellulose	7.09 (180.00)	Petroleum Base
HF35082	–	26	10	Cellulose	8.94 (227.00)	Petroleum Base
HF7835	–	47	14	Cellulose	7.09 (180.00)	Petroleum Base
HF6359	–	47	14	Cellulose	8.94 (227.00)	Petroleum Base
HF7980	14	10	5	Glass Fiber	7.09 (180.00)	Petroleum and Water Base
ST1917	14	10	5	Glass Fiber	8.94 (227.00)	Petroleum and Water Base
ST1814	–	90	–	Wire Mesh	7.09 (180.00)	Petroleum and Water Base

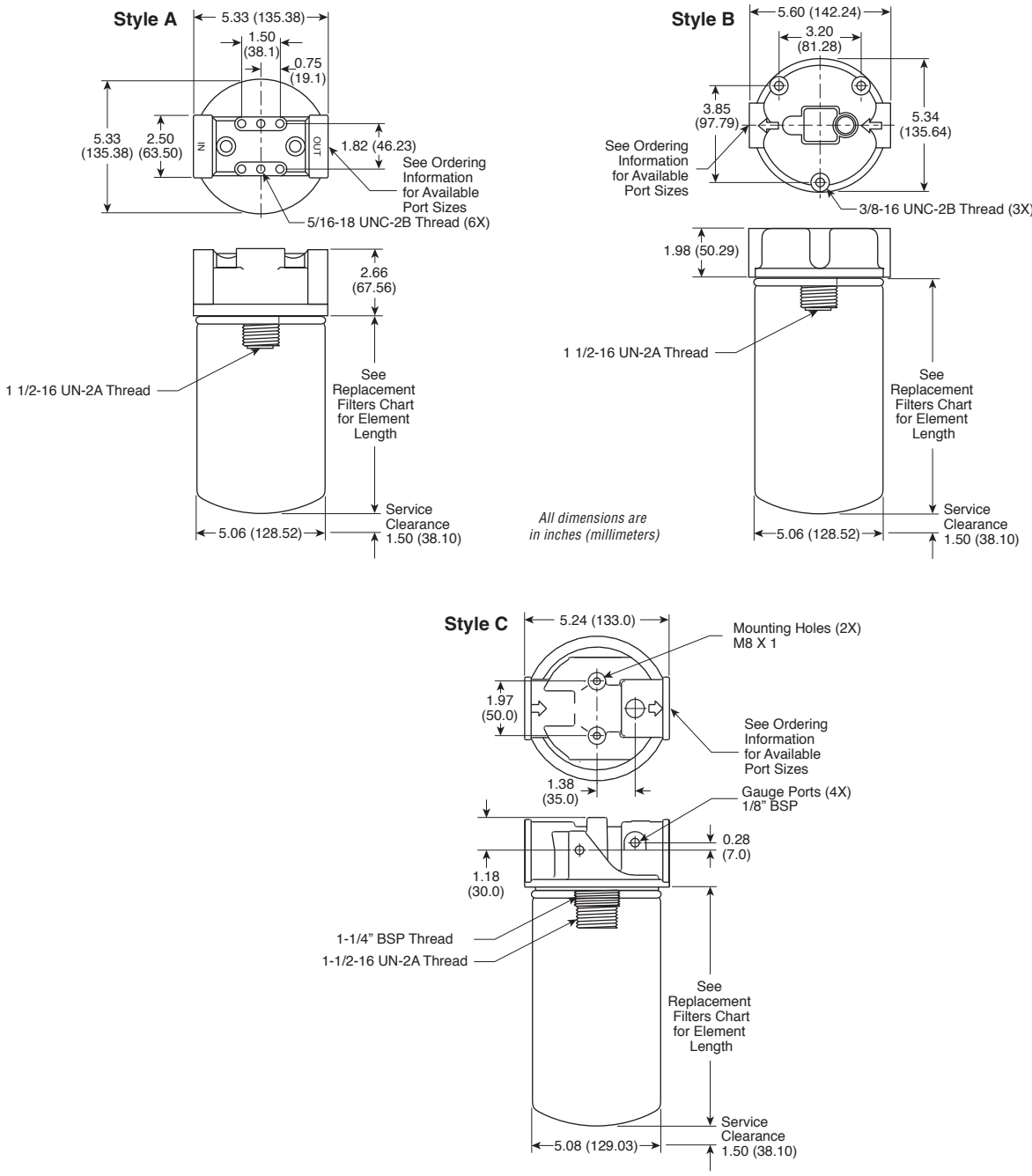
[1] Other seals can be ordered separately:
Part number 3312097 S – RECTANGULAR Cross Section Seal
Part number 3830114 S – SQUARE CUT Viton Seal

[2] Has epoxy potting material.

[3] These elements are made with 100 mesh screen (140 micron, absolute) and are not multi-pass tested.

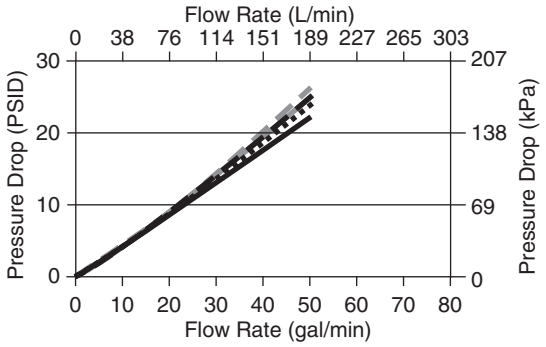
[4] FG2000™ is a high pressure synthetic media. Given identical efficiency performance, this media possesses lower restriction and higher capacity characteristics.

Mounting/Dimensions

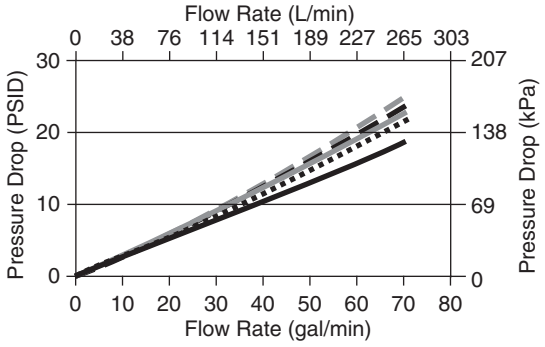


Performance

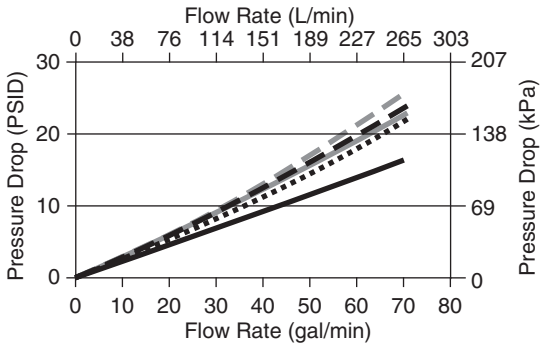
HF6700
Rated Flow: 12 gal/min (45 L/min)



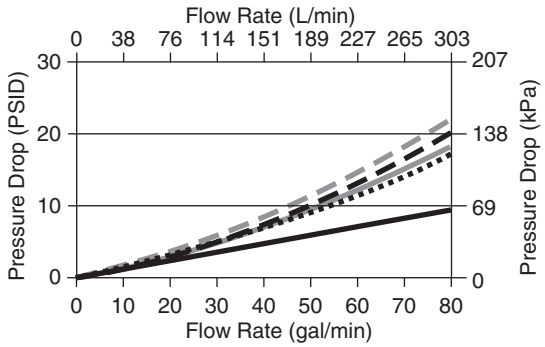
HF6701
Rated Flow: 20 gal/min (76 L/min)



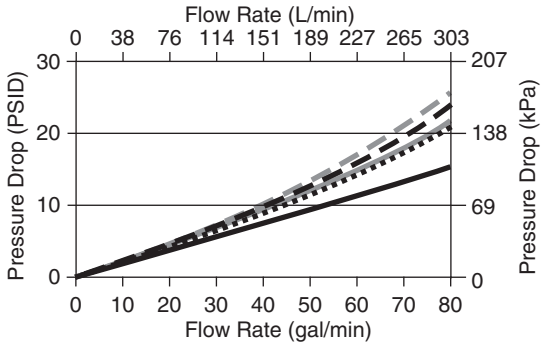
HF6703
Rated Flow: 19 gal/min (72 L/min)



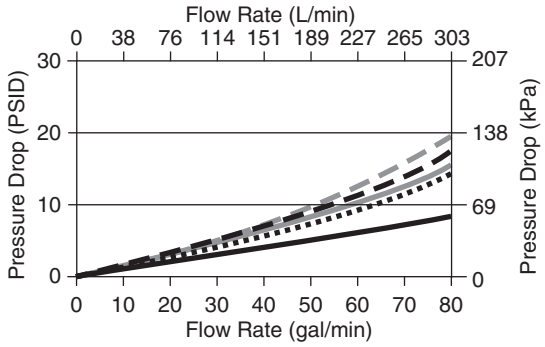
HF6704
Rated Flow: 40 gal/min (151 L/min)



HF6706
Rated Flow: 26 gal/min (96 L/min)



HF6707
Rated Flow: 50 gal/min (189 L/min)



Legend

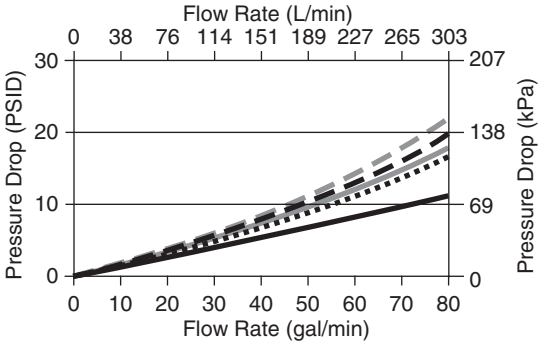
- Assembly with 1-1/4" (31.75 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Assembly with 1-5/8" (47.28 mm) Ports
- Assembly with 1-1/2" (38.1 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

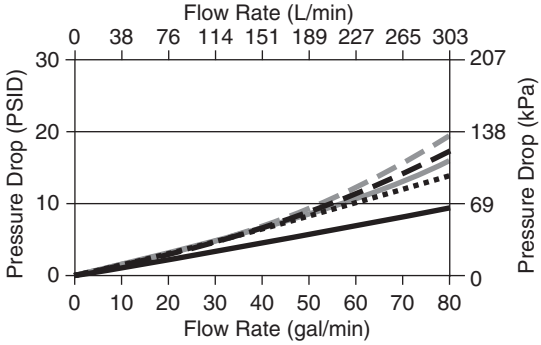
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

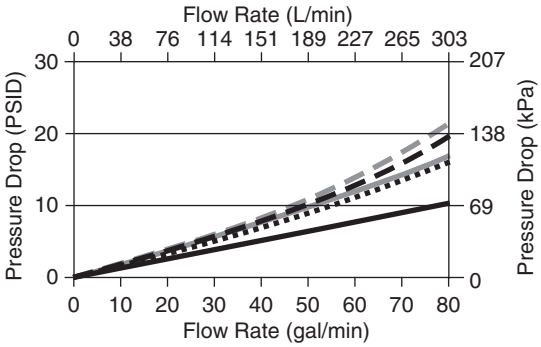
HF6710
Rated Flow: 36 gal/min (136 L/min)



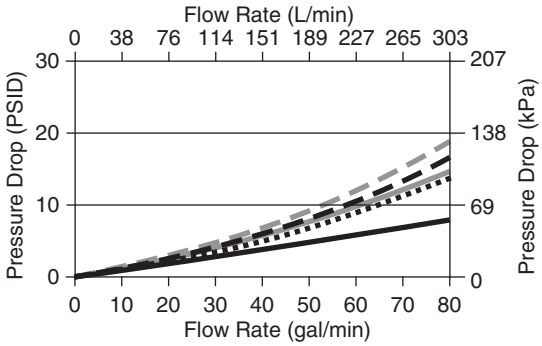
HF6711
Rated Flow: 45 gal/min (170 L/min)



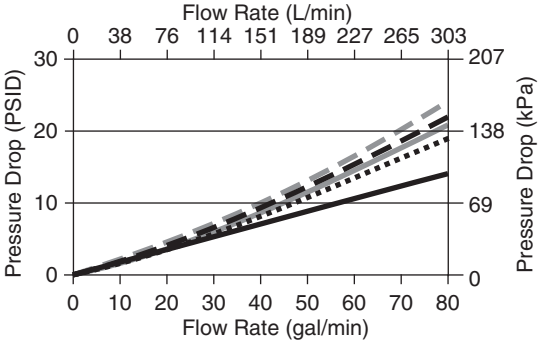
HF6712
Rated Flow: 38 gal/min (144 L/min)



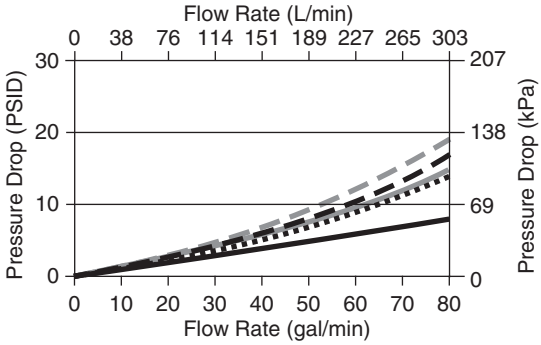
HF6713
Rated Flow: 50 gal/min (189 L/min)



HF6720
Rated Flow: 29 gal/min (110 L/min)



HF6721
Rated Flow: 50 gal/min (189 L/min)



Legend

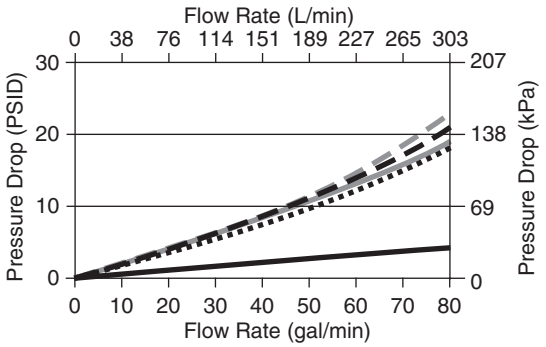
- Assembly with 1-1/4" (31.75 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Assembly with 1-5/8" (47.28 mm) Ports
- Assembly with 1-1/2" (38.1 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

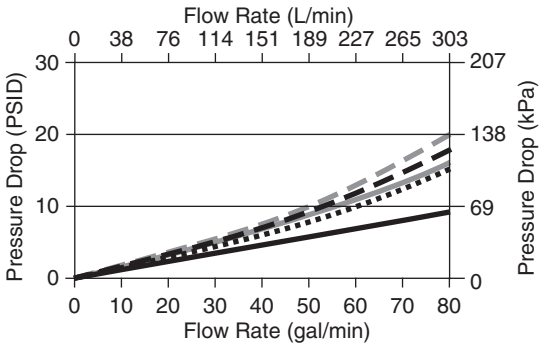
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

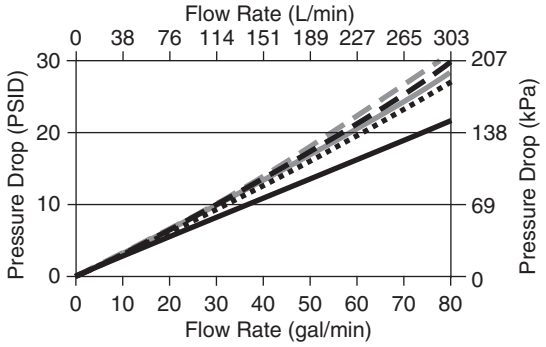
HF6725 and HF6730
Rated Flow: 33 gal/min (125 L/min)



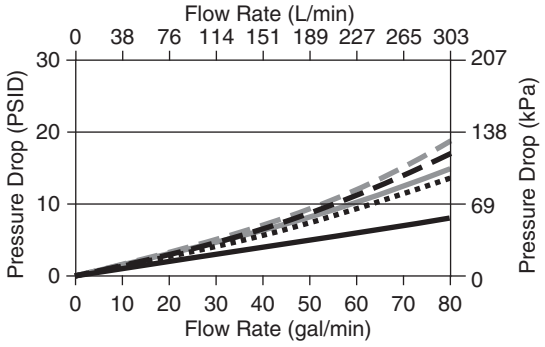
HF6726 and HF6731
Rated Flow: 44 gal/min (167 L/min)



HF6732
Rated Flow: 18 gal/min (68 L/min)



HF6733
Rated Flow: 50 gal/min (189 L/min)



Legend

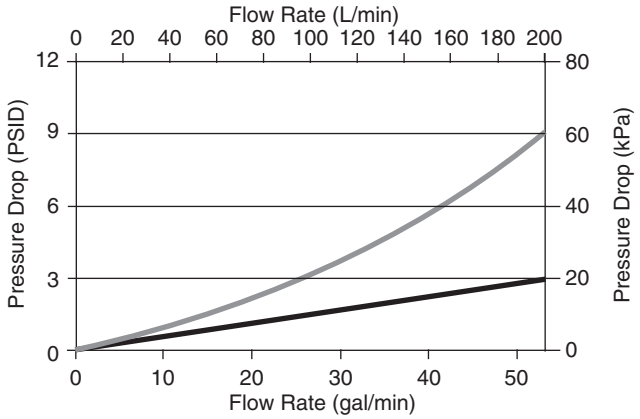
- Assembly with 1-1/4" (31.75 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Assembly with 1-5/8" (47.28 mm) Ports
- Assembly with 1-1/2" (38.1 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s

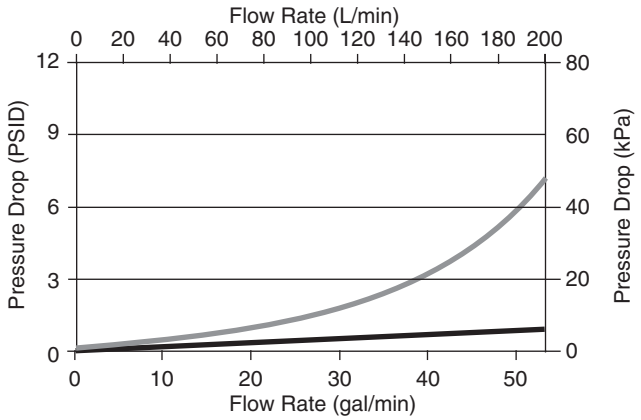
Rated Flow: @ 5 PSID (34 kPa) Across Filter

Performance

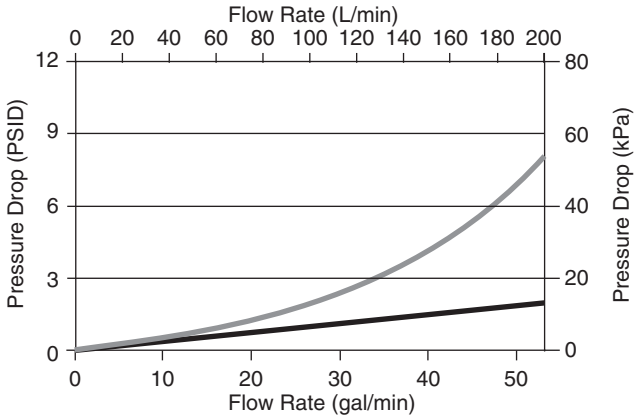
HF6177
Rated Flow: 47.56 gal/min (180 L/min)



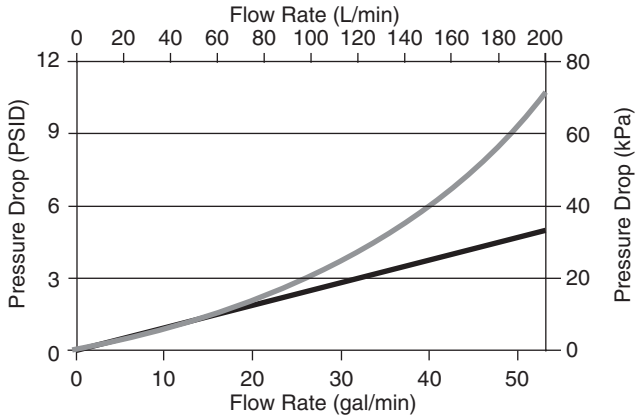
HF6359
Rated Flow: 52.84 gal/min (200 L/min)



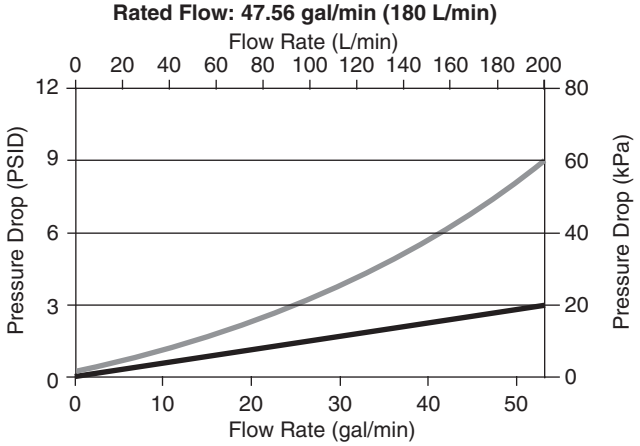
HF7835
Rated Flow: 50.19 gal/min (190 L/min)



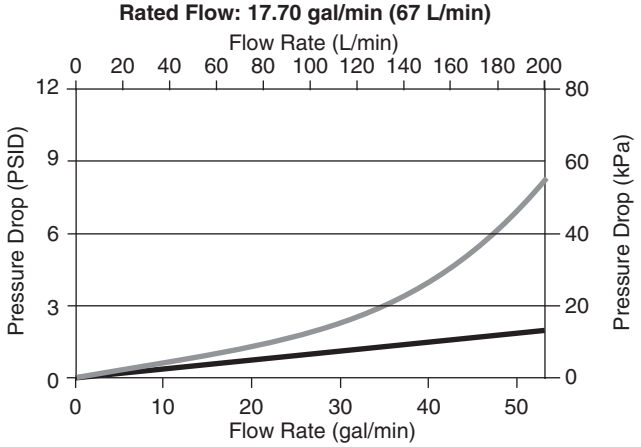
HF7980
Rated Flow: 47.56 gal/min (180 L/min)



HF35082
Rated Flow: 47.56 gal/min (180 L/min)

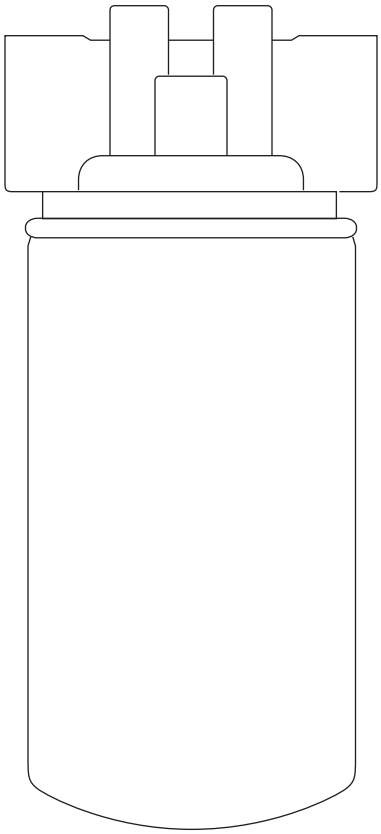


ST1917
Rated Flow: 17.70 gal/min (67 L/min)



Legend
Assembly with 1-1/4" (32 mm) BSP Ports
Element
Flow/Pressure: 32 mm^2/s
Rated Flow: @ 5 PSID (34 kPa) Across Filter

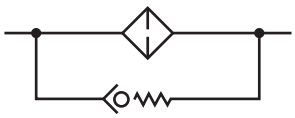
Notes



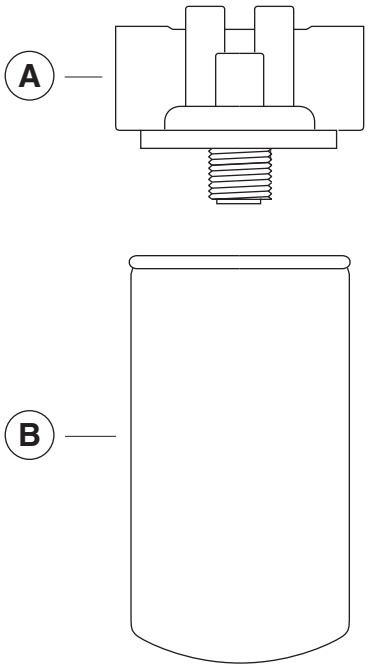
Specifications

Specification	HF6800 Series
Rated Flow	Up to 40 gal/min (151 L/min)
Maximum Static Pressure	700 lb/in^2 (4826 kPa)
Recommended Working Pressure (Non-shock operating conditions)	400 lb/in^2 (2758 kPa)
Seals	Buna N
Filter Service Clearance	Min. 1.50" (38.10 mm)

Note: lb/in^2 is the standard SI notation for psi.
Specifications subject to change without notice.



Housing with Check Valve



Parts List

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Element	See Ordering Information

Ordering Information

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Indicator Type
HH6977	1-5/16" 12 SAE	44 (303.4)	None
HH6978	1-5/16" 12 SAE	44 (303.4)	Electric*

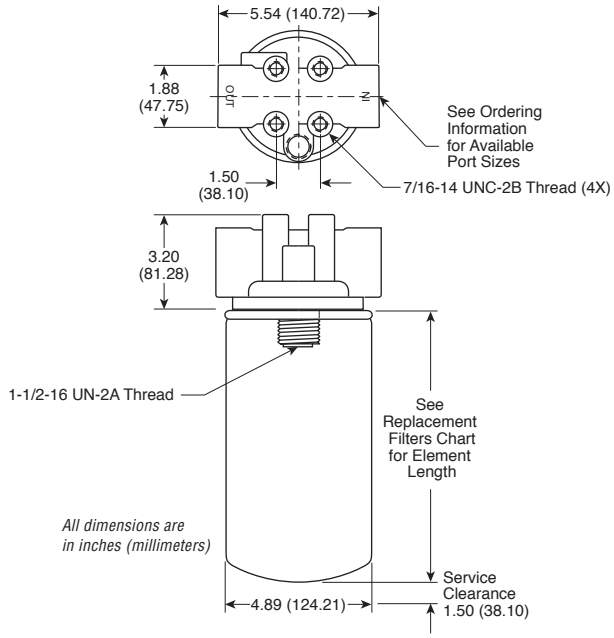
* Electric indicator is set at 28 PSID (193.1 kPa).

Replacement Filters

Part Number	$\beta_{x(c)} > 200$	$\beta_{x(c)} > 75$	$\beta_{x(c)} > 2$	Media	Element Length in (mm)	Fluid Compatibility
HF6802	21	18	7	FG2000™	8.22 (208.79)	Petroleum and Water Base
HF6807	10	7	4	FG2000	11.71 (297.43)	Petroleum and Water Base
HF6813	12	11	5	FG2000	11.71 (297.43)	Petroleum and Water Base
HF6824	21	18	7	FG2000	11.72 (297.69)	Petroleum and Water Base

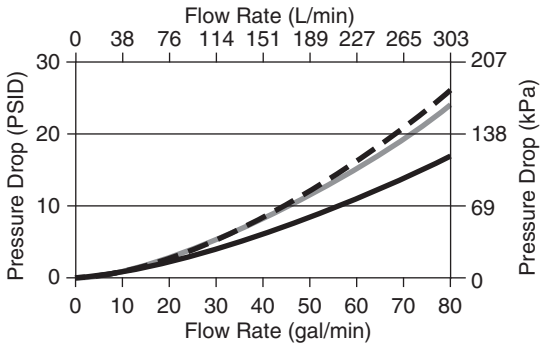
* Has epoxy potting material.

Mounting/Dimensions

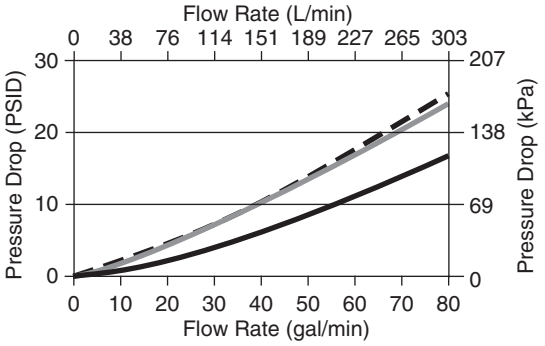


Performance

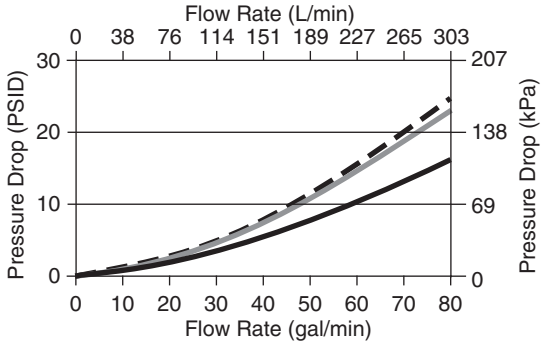
HF6802
Rated Flow: 34 gal/min (129 L/min)



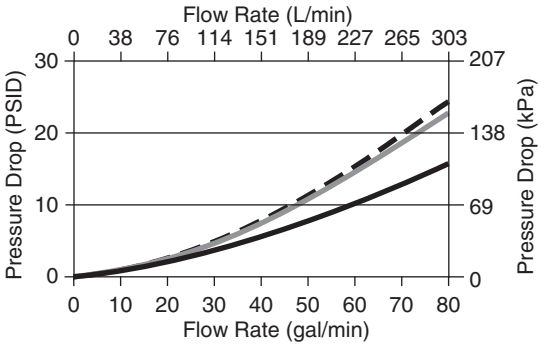
HF6807
Rated Flow: 33 gal/min (125 L/min)



HF6813
Rated Flow: 36 gal/min (136 L/min)



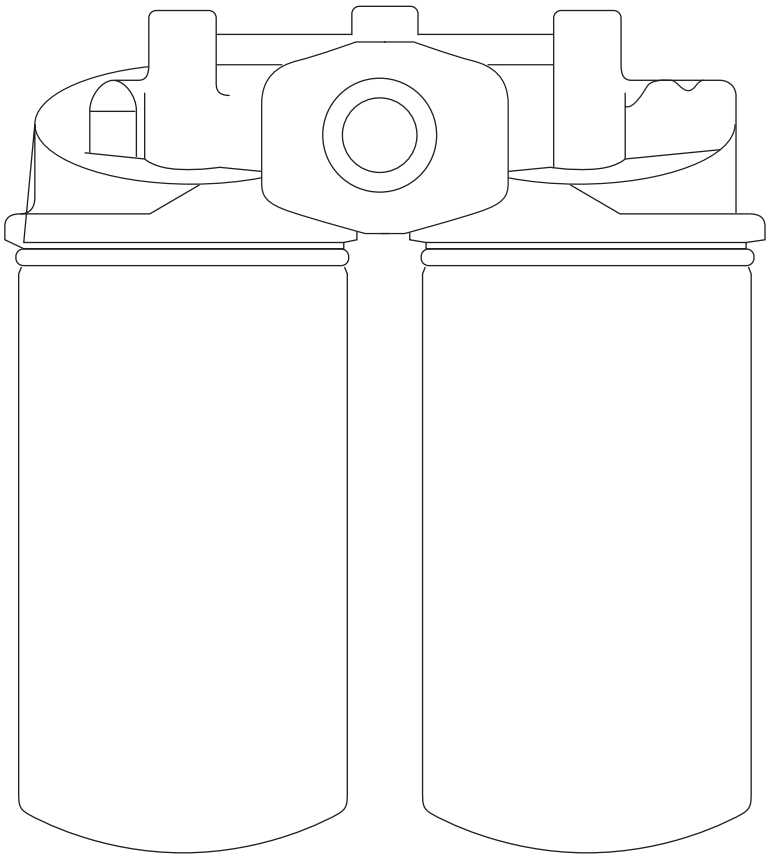
HF6824
Rated Flow: 37 gal/min (140 L/min)



Legend
- Assembly with 1-5/8" (41.28 mm) Ports
- Assembly with 1-5/16" (33.34 mm) Ports
- Element

Flow/Pressure: 32 mm^2/s
Rated Flow: @ 5 PSID (34 kPa) Across Filter

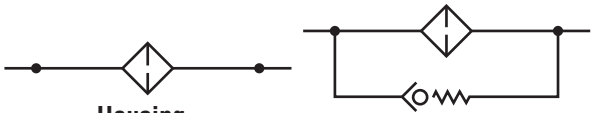
Dual Spin-On Assembly



Specifications

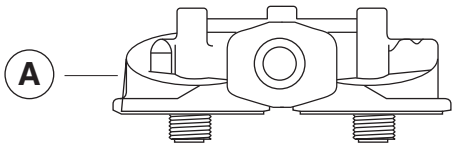
Specification	Dual Spin-On Assembly
Rated Flow	See Ordering Information
Maximum Static Pressure	260 lb/in² (1800 kPa)
Recommended Working Pressure (Non-shock operating conditions)	175 lb/in² (1200 kPa)
Seals	Buna N
Filter Service Clearance	Min. 1.30" (33.02 mm)

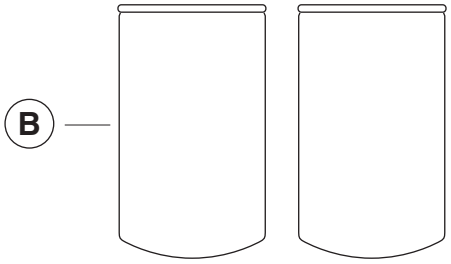
Note: lb/in² is the standard SI notation for psi.
Specifications subject to change without notice.



Housing

Housing with Check Valve





Parts List

Part	Description	Part Number
A	Filter Head	See Ordering Information
B	Filter Elements	See Ordering Information
	Clogging Indicator (not shown)	See Ordering Information

Ordering Information

Filter Head Part Number	Fluid In & Out Port Size	By-Pass Setting PSID (kPa)	Rated Flow gal/min (L/min)	Indicator Type*
ST1927HH	1-1/2" BSP	Closed By-Pass	34.3 (130)	Vacuum Gauge
ST1416HH		1200 (175)	118.9 (450)	Pressure Gauge

* Units are pre-drilled with 1/8" BSP tappings for the installation of pressure and/or vacuum gauges. See ordering information below.

Clogging Indicators

Part Number	Description
ST1429MA	Vacuum gauge for suction line application
ST1398MR	Pressure gauge for return line application
ST1750IC	Differential Pressure pop-up Indicator

Replacement Filters

Part Number[1]	$\beta_{x(c)} > 200$	$\beta_{x(c)} > 75$	$\beta_{x(c)} > 2$	Media	Element Length	Fluid Compatibility
HF6177	–	26	10	Cellulose	7.09 (180.00)	Petroleum Base
HF35082	–	26	10	Cellulose	8.94 (227.00)	Petroleum Base
HF7835	–	47	14	Cellulose	7.09 (180.00)	Petroleum Base
HF6359	–	47	14	Cellulose	8.94 (227.00)	Petroleum Base
HF7980	14	10	5	Glass Fiber	7.09 (180.00)	Petroleum and Water Base
ST1917	14	10	5	Glass Fiber	8.94 (227.00)	Petroleum and Water Base
ST1814	–	90	–	Wire Mesh	7.09 (180.00)	Petroleum and Water Base

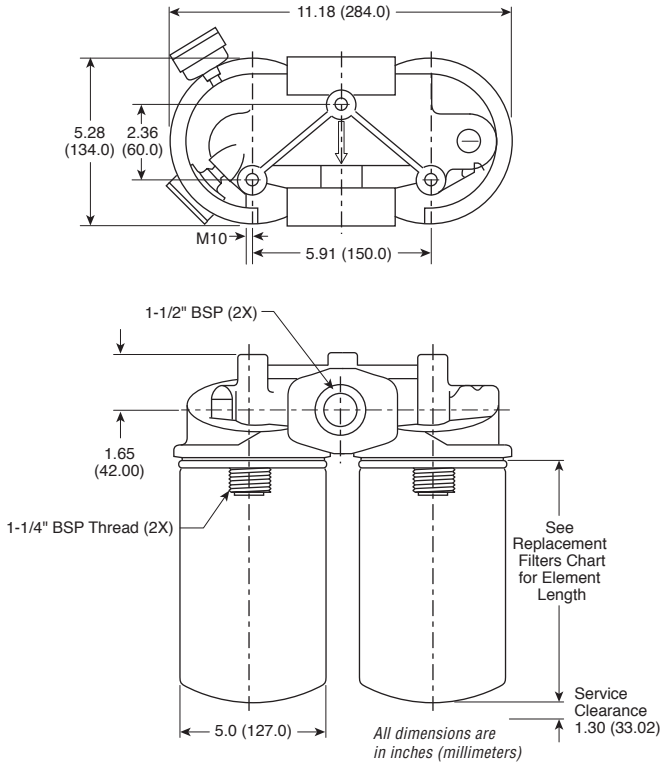
1 Other seals can be ordered separately:
Part number 3312097 S – RECTANGULAR Cross Section Seal
Part number 3830114 S – SQUARE CUT Viton Seal

2 Has epoxy potting material.

3 These elements are made with 100 mesh screen (140 micron, absolute) and are not multi-pass tested.

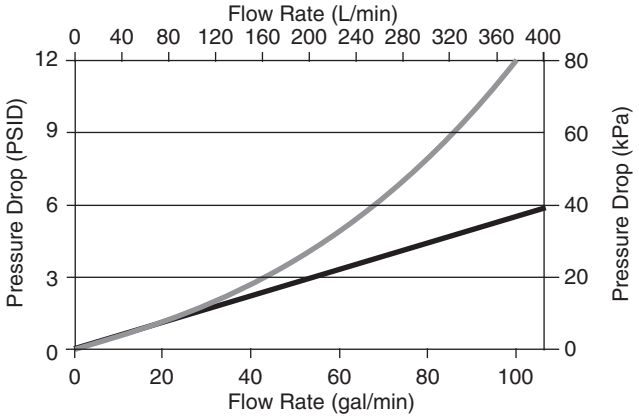
4* FG2000™ is a high pressure synthetic media. Given identical efficiency performance, this media possesses lower restriction and higher capacity characteristics.

Mounting/Dimensions

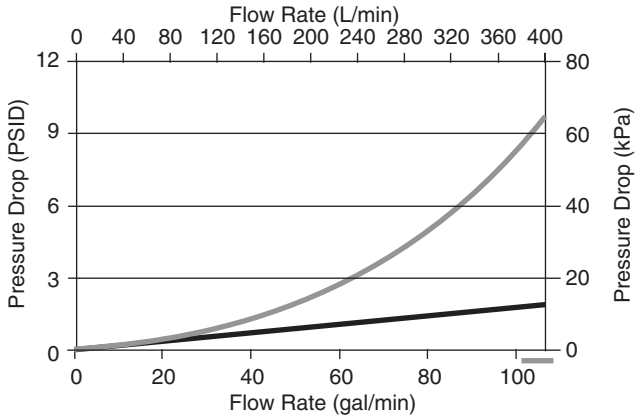


Performance

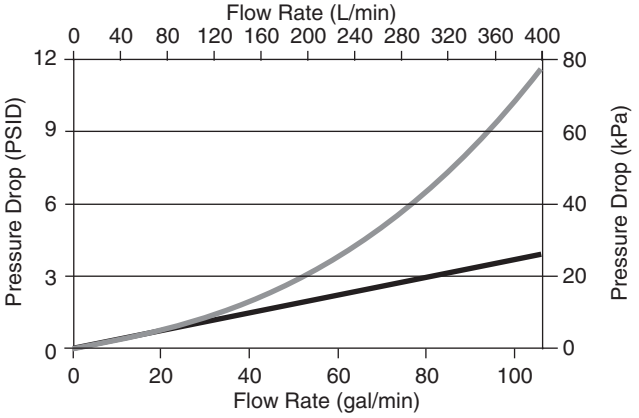
HF6177 and HF35082



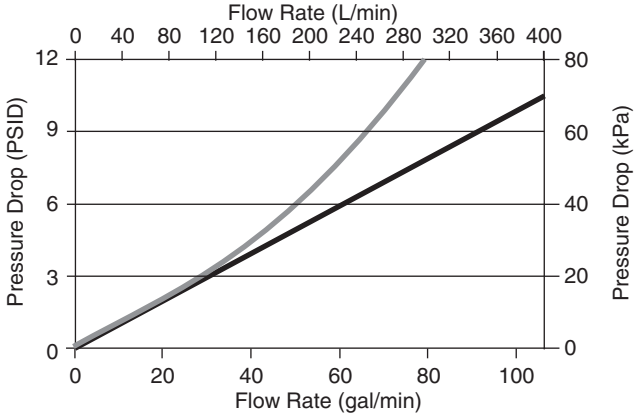
HF6359



HF7835 and ST1917



HF7980



Legend

Assembly with 1-1/2" (38 mm) BSP Ports

Element

Flow/Pressure: 32 mm^2/s

Rated Flow: @ 5 PSID (34 kPa) Across Filter