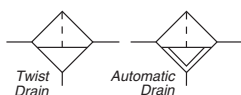


F602 Particulate Filters – Hi-Flow

- Excellent water removal efficiency
- For heavy duty applications with minimum pressure drop requirement
- Unique deflector plate that creates swirling of the air stream ensuring maximum water and dirt separation
- Large filter element surface guarantees low pressure drop and increased element life
- 40 micron filter element standard, 5 micron available
- Metal bowl with sight gauge standard
- Twist drain as standard, optional auto drain
- 3/4" & 1" port, NPT & BSPP



Port size	Description	Part number
3/4"	16 oz. metal bowl / manual drain	F602-06WJ
3/4"	16 oz. metal bowl / auto drain	F602-06WJR
3/4"	32 oz. metal bowl / manual drain	F602-06EJ
3/4"	32 oz. metal bowl / auto drain	F602-06EJR
1"	16 oz. metal bowl / manual drain	F602-08WJ
1"	16 oz. metal bowl / auto drain	F602-08WJR
1"	32 oz. metal bowl / manual drain	F602-08EJ
1"	32 oz. metal bowl / auto drain	F602-08EJR

Operating information

Aluminum (E)	0 to 300 psig (0 to 20.7 bar)
Zinc with gauge (W)	0 to 250 psig (0 to 17.2 bar)
With internal auto drain [R]	20 to 175 psig (1.14 to 11.9 bar)
With external auto drain [Q]	0 to 250 psig (0 to 17.2 bar)

Aluminum (E)	40°F to 150°F (4.4°C to 65.6°C)
Zinc with gauge (W)	40°F to 150°F (4.4°C to 65.6°C)
With internal auto drain [R]	40°F to 125°F (4.4°C to 52°C)
With external auto drain [Q]	40°F to 150°F (4.4°C to 65.6°C)

High flow	3/4"	270 scfm (127.4 dm ³ /s, ANR)
	1"	300 scfm (141.5 dm ³ /s, ANR)

Zinc with gauge (W)	16 oz.
Aluminum (E)	32 oz.

Weight:	16 oz.	6.3 lb (2.86)
	32 oz.	7.0 lb (3.18 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.
() Bowl type, [] drain type.

Ordering information:

The diagram illustrates the components of a product code, each in a box, with lines connecting them to detailed tables of their meanings.

- F602**: Port Threads

Port Threads	
NPT	–
G BSPP	G
- : Port Size

Port Size	
3/4 inch	06
1 inch	08
- 06**: Bowl

Bowl	
32 oz. Large capacity metal without sight gauge	E
16 oz. Metal with sight gauge	W
- W**: Element

Element	
G	5 Micron
J	40 Micron
- J**: Engineering Level

Engineering Level	
/**	Will be entered at factory
- /****: Drains and Options

Drains and Options	
Blank	Manual twist drain
Q	External heavy duty auto drain
R	Internal auto drain
U	Semi-auto drain

 Most popular.

Hi-Flow Particulate Filters

Material Specifications

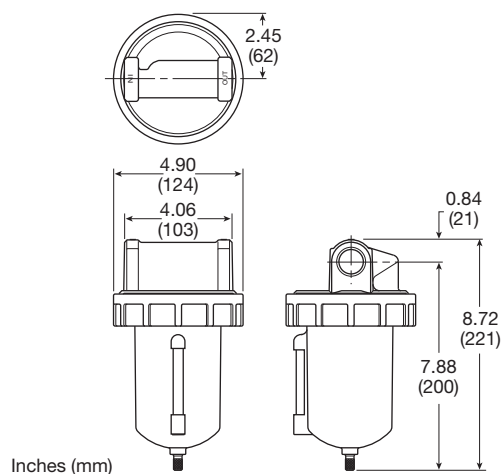
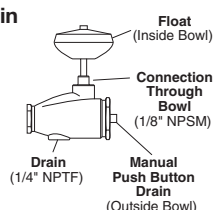
Body	Zinc
Bowl (E) 32 oz. without sight gauge	Aluminum
Bowl (W) 16 oz. with sight gauge	Zinc
Manual twist drain & overnight	Brass
Drain housing "R"	Acetal
Drain housing "Q"	Bronze
Element	Polypropylene
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits

Aluminum bowl (E) 32 oz.	BK603B
Zinc bowl with sight gauge (W) 16 oz.	BK605WB
External auto drain (E) 32 oz.	SA603D
External auto drain (W) 16 oz.	SA602D
Internal auto drain (All)	SA602MD
Manual drain (All)	SA600Y7-1
Semi-auto "overnight" drain (drains automatically under zero pressure)	SA602A7
40 micron element (All)	EK602B
5 micron element (All)	EK602VB
Mounting bracket, 3/4" Unit (pair or 2 kits pipe mounted brackets needed)	SA200AW57
Mounting bracket, 1" Unit (pair or 2 kits pipe mounted brackets needed)	SA200CW57
Deflector, baffle assembly, & retaining rod (E,W)	RK602B
External auto drain (All)	RK602D
Internal auto drain (All)	RK602MD
Metal bowl with sight gauge (W) 16 oz.	RKB605WB

"Q" Option External Heavy Duty Auto Drain SA602D / SA603D

For heavy duty applications where the filter is being used to remove large volumes of liquid and/or particulate matter from the airstream, the external automatic drain ("Q" option) should be used.

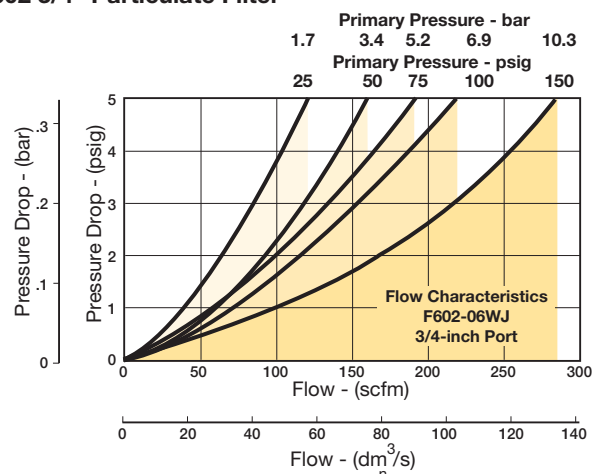


F602-06W, F602-08W (Hi-Flow)

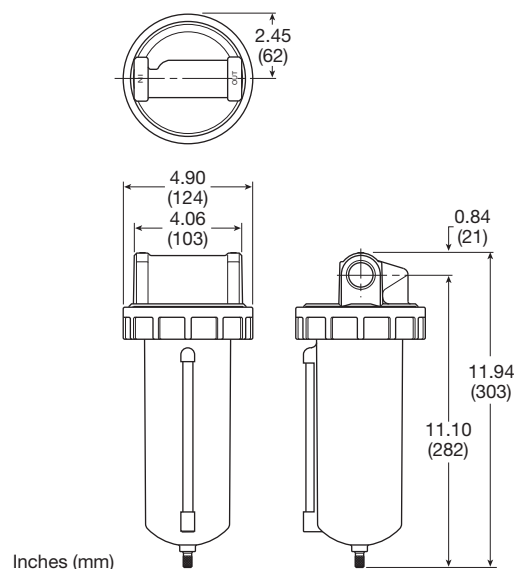
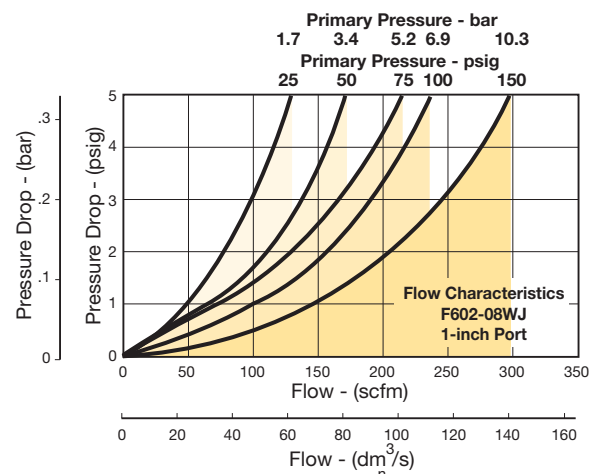
Air Preparation Products General Industrial

Flow Charts

F602 3/4" Particulate Filter



F602 1" Particulate Filter



F602-06E, F602-08E (Hi-Flow)



For inventory, lead time, and kit lookup, visit www.pdnplu.com

H3

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics

General Industrial
Products

H

Filters

Coalescers

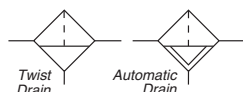
Regulators

Lubricators

Combinations

F602 Particulate Filters – Hi-Flow

- Excellent water removal efficiency
- For heavy duty applications with minimum pressure drop requirement
- Unique deflector plate that creates swirling of the air stream ensuring maximum water and dirt separation
- Large filter element surface guarantees low pressure drop and increased element life
- 40 micron filter element standard, 5 micron available
- Metal bowl with sight gauge standard
- Twist drain as standard, optional auto drain
- Large bowl capacity
- Optional high capacity bowl(s) available
- 1-1/2" port, NPT & BSPP



Port size	Description	Part number
1-1/2"	16 oz. metal bowl / manual drain	F602-12WJ
1-1/2"	16 oz. metal bowl / auto drain	F602-12WJR
1-1/2"	32 oz. metal bowl / manual drain	F602-12EJ
1-1/2"	32 oz. metal bowl / auto drain	F602-12EJR

Operating information

Supply pressure (max):

Aluminum (E)	0 to 300 psig (0 to 20.7 bar)
Zinc with gauge (W)	0 to 250 psig (0 to 17.2 bar)
With internal auto drain [R]	20 to 175 psig (1.14 to 11.9 bar)
With external auto drain [Q]	0 to 250 psig (0 to 17.2 bar)

Operating temperature:

Aluminum (E)	40°F to 150°F (4.4°C to 65.6°C)
Zinc with gauge (W)	40°F to 150°F (4.4°C to 65.6°C)
With internal auto drain [R]	40°F to 125°F (4.4°C to 52°C)
With external auto drain [Q]	40°F to 150°F (4.4°C to 65.6°C)

Flow capacity†:

High flow	1-1/2"	450 scfm (212.4 dm³/s, ANR)
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Bowl capacity:

Zinc with gauge (W)	16 oz.
Aluminum (E)	32 oz.

Weight:	16 oz.	7.0 lb (3.18 kg)
	32 oz.	7.7 lb (3.49 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

() Bowl type, [] drain type.

Ordering information:

F602	-	12	W	J	/**
Port Threads NPT - G BSPP G		Port Size 1-1/2 inch 12		Engineering Level /** Will be entered at factory	
Bowl 32 oz. Large capacity metal without sight gauge E 16 oz. Metal with sight gauge W		Drains and Options Blank Manual twist drain Q External heavy duty auto drain R Internal auto drain U Semi-auto drain			
		Element G 5 Micron J 40 Micron			

Most popular.

For inventory, lead times, and kit lookup, visit www.pdnplu.com

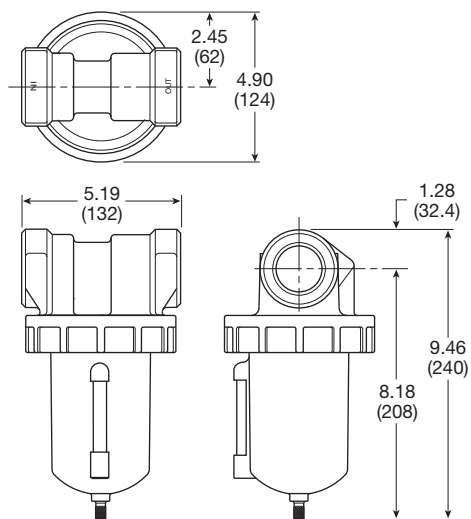
Hi-Flow Particulate Filters

Material Specifications

Body	Zinc
Bowl (E) 32 oz. without sight gauge	Aluminum
Bowl (W) 16 oz. with sight gauge	Zinc
Manual twist drain & overnight	Brass
Drain housing "R"	Acetal
Drain housing "Q"	Bronze
Element	Polypropylene
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits

Aluminum bowl (E) 32 oz.	BK603B
Zinc bowl with sight gauge (W) 16 oz.	BK605WB
External auto drain (E) 32 oz.	SA603D
External auto drain (W) 16 oz.	SA602D
Internal auto drain (All)	SA602MD
Manual drain (All)	SA600Y7-1
Semi-automatic "overnight" drain (drains automatically under zero pressure)	SA602A7
40 micron element (All)	EK602B
5 micron element (All)	EK602VB
Deflector, baffle assembly, & retaining rod (All)	RK602C
External auto drain (All)	RK602D
Internal auto drain (All)	RK602MD
Metal bowl with sight gauge (W) 16 oz.	RKB605WB

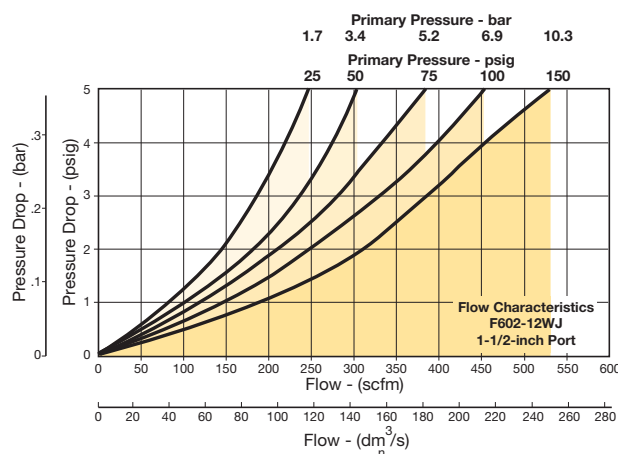


F602-12W (Hi-Flow)

Air Preparation Products General Industrial

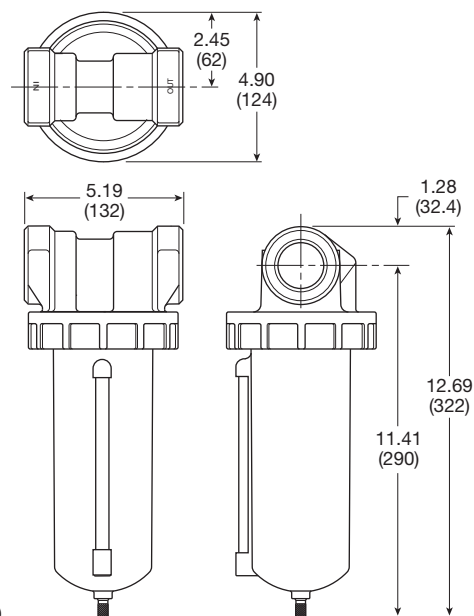
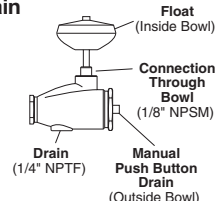
Flow Charts

F602 1-1/2" Particulate Filter



"Q" Option External Heavy Duty Auto Drain SA602D / SA603D

For heavy duty applications where the filter is being used to remove large volumes of liquid and/or particulate matter from the airstream, the external automatic drain ("Q" option) should be used.



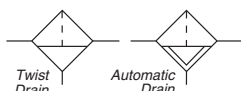
F602-12E (Hi-Flow)



For inventory, lead time, and kit lookup, visit www.pdnplu.com

F602 Particulate Filters – Hi-Flow

- Excellent water removal efficiency
- For heavy duty applications with minimum pressure drop requirement.
- Unique deflector plate that creates swirling of the air stream ensuring maximum water and dirt separation.
- Large filter element surface guarantees low pressure drop and increased element life.
- 40 micron filter element standard.
- Metal bowl with sight gauge standard.
- Twist drain as standard, optional auto drain.
- Large bowl capacity.
- Optional high capacity bowl(s) available
- 2" port, NPT & BSPP



Port size	Description	Part number
2"	16 oz. metal bowl / manual drain	F602-16WJ
2"	16 oz. metal bowl / auto drain	F602-16WJR
2"	32 oz. metal bowl / manual drain	F602-16EJ
2"	32 oz. metal bowl / auto drain	F602-16EJR

Operating information

Supply pressure (max):

Aluminum (E)	0 to 300 psig (0 to 20.7 bar)
Zinc with gauge (W)	0 to 250 psig (0 to 17.2 bar)
With internal auto drain [R]	20 to 175 psig (1.14 to 11.9 bar)
With external auto drain [Q]	0 to 250 psig (0 to 17.2 bar)

Operating temperature:

Aluminum (E)	40°F to 150°F (4.4°C to 65.6°C)
Zinc with gauge (W)	40°F to 150°F (4.4°C to 65.6°C)
With internal auto drain [R]	40°F to 125°F (4.4°C to 52°C)
With external auto drain [Q]	40°F to 150°F (4.4°C to 65.6°C)

Flow capacity†:

High flow	2"	1200 scfm (566.3 dm³/s, ANR)
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Bowl capacity:

Zinc with gauge (W)	16 oz.
Aluminum (E)	32 oz.

Weight:	16 oz.	9.8 lb (4.45 kg)
	32 oz.	10.3 lb (4.67 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

() Bowl type, [] drain type.

Ordering information:

F602	-	16	W	J	/**
Port Threads NPT - G BSPP G		Port Size 2 inch 16		Engineering Level /** Will be entered at factory	
Bowl 32 oz. Large capacity metal without sight gauge E 16 oz. Metal with sight gauge W		Drains and Options Blank Manual twist drain Q External heavy duty auto drain R Internal auto drain U Semi-auto drain		Element J 40 Micron	

Most popular.

For inventory, lead times, and kit lookup, visit www.pdnplu.com

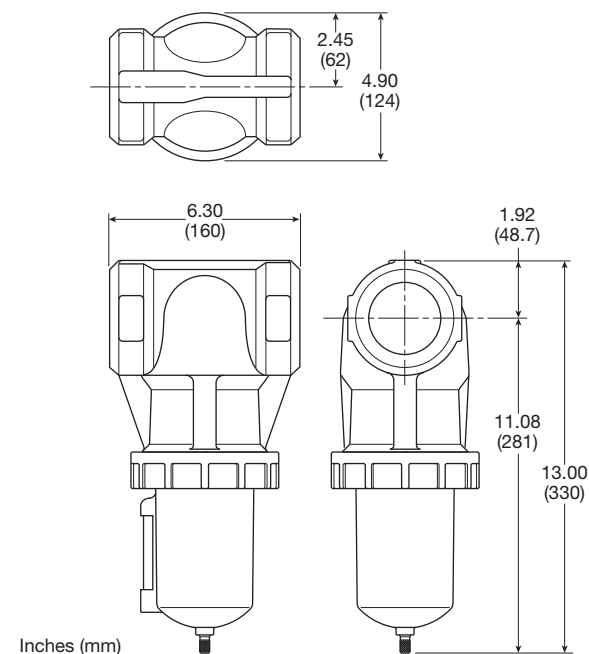
Hi-Flow Particulate Filters

Material Specifications

Body	Aluminum
Bowl (E) 32 oz. without sight gauge	Aluminum
Bowl(W) 16 oz. with sight gauge	Zinc
Manual twist drain & overnight	Brass
Drain housing "R"	Acetal
Drain housing "Q"	Bronze
Element	Polypropylene
Seals	Buna N
Sight Gauge	Nylon

Repair and Service Kits

Aluminum bowl (E) 32 oz.	BK603B
Zinc bowl with sight gauge (W) 16 oz.	BK605WB
External auto drain (E) 32 oz.	SA603D
External auto drain (W) 16 oz.	SA602D
Internal auto drain (All)	SA602MD
Manual drain (All)	SA600Y7-1
Semi-auto "overnight" drain (drains automatically under zero pressure)	SA602A7
40 micron element (All)	EK602G
Deflector, baffle assembly, & retaining rod (All)	RK602C
External auto drain (All)	RK602D
Internal auto drain (All)	RK602MD
Metal bowl with sight gauge (W) 16 oz.	RKB605WB

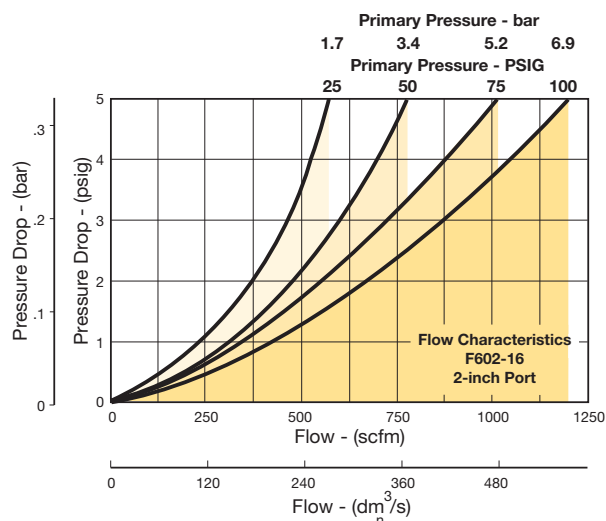


F602-16W (Hi-Flow)

Air Preparation Products General Industrial

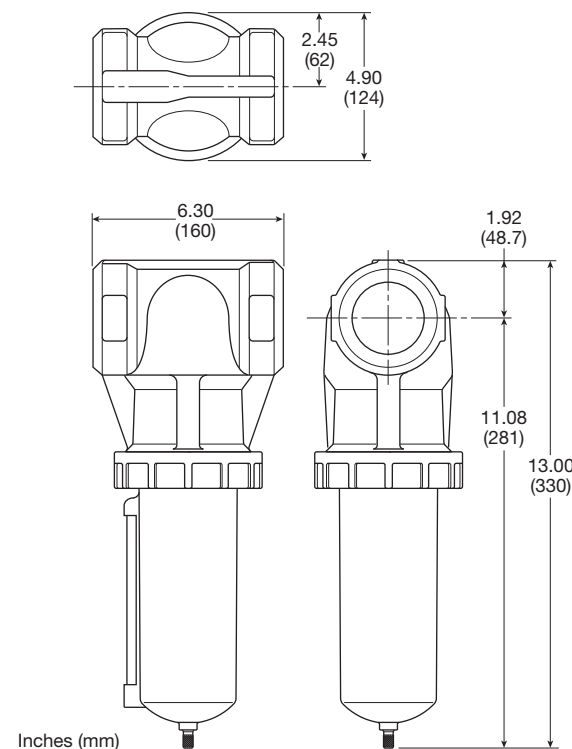
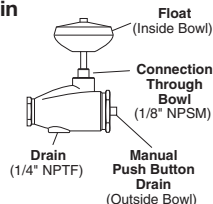
Flow Charts

F602 2" Particulate Filter



"Q" Option External Heavy Duty Auto Drain SA602D / SA603D

For heavy duty applications where the filter is being used to remove large volumes of liquid and/or particulate matter from the airstream, the external automatic drain ("Q" option) should be used.



F602-16E (Hi-Flow)



For inventory, lead time, and kit lookup, visit www.pdnplu.com

H7

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics

General Industrial
Products

H

Filters

Coalescers

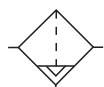
Regulators

Lubricators

Combinations

35F / 43F Particulate Filters – Hi-Flow

- Heavy-duty cast aluminum housings to withstand operating pressures up to 250 psig*
- Differential pressure indicator to eliminate the guesswork of element replacement
- Differential pressure gauge available, order separately, kit DP3-01-000
- Unique drain mounting plate design offers a trouble-free method for interchanging and installing external drains
- 1-1/2" & 2" (35F), 3" (43F) ports, NPT & BSPP



Auto Drain



Port size	Description	Part number
1-1/2"	Metal bowl / auto drain	35F77BAP
2"	Metal bowl / auto drain	35F87BAP
3"	Metal bowl / auto drain	43FN7BAP

Operating information

Supply pressure (max):

With pressure gauge

without DPI*

with DPI

250 psig (17.2 bar)

150 psig (10.3 bar)

Operating temperature:

32°F to 150°F (0°C to 65.6°C)

Flow capacity†:

High flow

1-1/2"

2"

3"

1280 scfm (604.1 dm³/s, ANR)

1400 scfm (660.7 dm³/s, ANR)

2900 scfm (1368.6 dm³/s, ANR)

Bowl capacity:

35F

43F

13.9 oz.

17.2 oz.

Standard Filtration:

5 micron

Weight:

35F

43F

19.3 lb (8.7 kg)

32.8 lb (14.9 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

* Without differential pressure indicator, max supply pressure is 250 psig (17.2 bar).

Ordering information:

35F	7	7	B	A	P	
Port Size 1-1/2 inch (35F) 7 2 inch (35F) 8 3 inch (43F) N						Port Threads Blank NPT 1 BSPP
Bowl Metal without sight gauge, auto float drain	7					Options N Without differential pressure indicator P* With differential pressure indicator G** With differential pressure gauge
		Element 5 Micron	B			Element A Current

* Maximum pressure rating 150 psig (10.3 bar).
 ** Gauge ships loose

Most popular.

For inventory, lead times, and kit lookup, visit www.pdnplu.com

H8

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Richland, Michigan
www.parker.com/pneumatics

Hi-Flow Particulate Filters

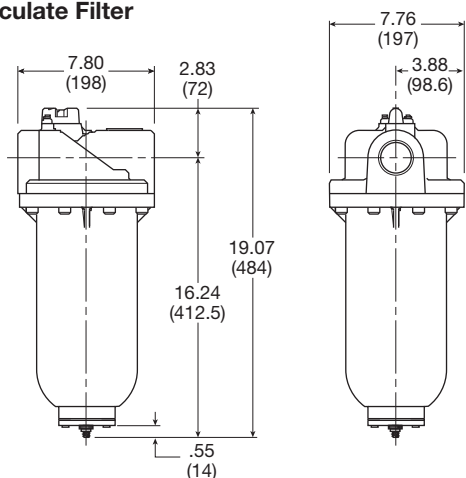
Material Specifications

Baffle	Plated steel
Body	Aluminum
Bowls	Aluminum
Deflector	Plated steel
Element retainer	Plated steel
Filter element	Polyethylene
Seals	Fluorocarbon
Stud	Plated steel

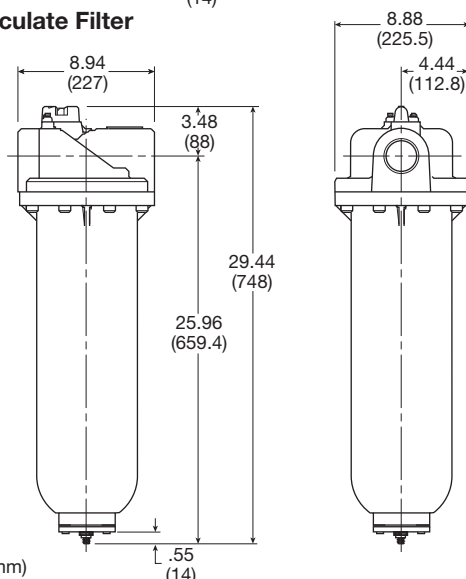
Repair and Service Kits

Differential pressure indicator cap For pressures over 150 psig	GRP-95-022
Differential pressure gauge	DP3-01-000
Differential pressure indicator	DP2-02-001
Auto drain, 1/8 NPT	GRP-95-981
Drain plate kit, 1/2 NPT tapped drain port	GRP-95-393
Element, 5 micron (35F)	FRP-95-505
Element, 5 micron (43F)	FRP-95-508
Manual drain kit with 1/2" drain plate	GRP-95-392

35F Particulate Filter



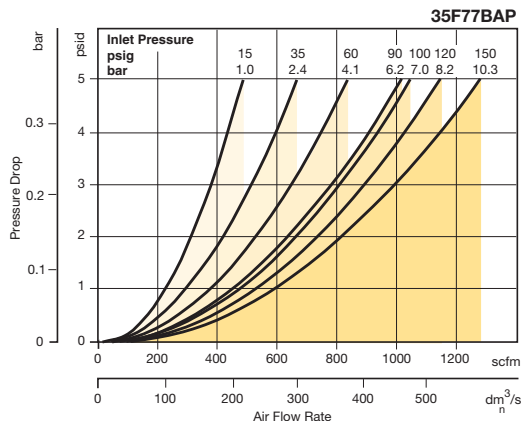
43F Particulate Filter



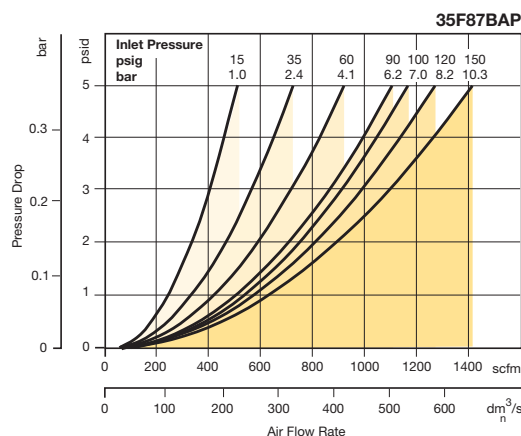
Air Preparation Products General Industrial

Flow Charts

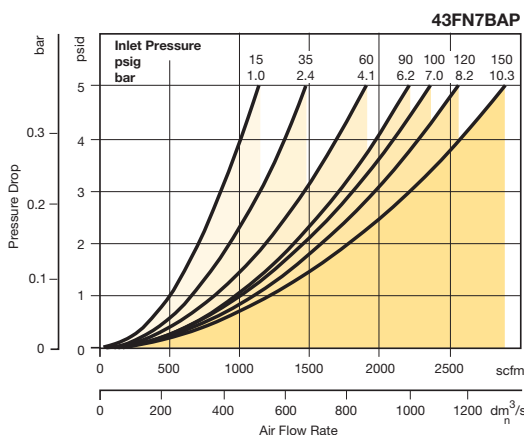
35F, 1-1/2" Particulate Filter



35F, 2" Particulate Filter



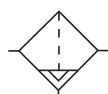
43F, 3" Particulate Filter



35F / 43F Coalescing Filters – Hi-Flow

- Heavy-duty cast aluminum housings to withstand operating pressures up to 250 psig*
- Differential pressure indicator to eliminate the guesswork of element replacement
- Differential pressure gauge available, order separately, kit DP3-01-000
- Unique drain mounting plate design offers a trouble-free method for interchanging and installing external drains
- High-flow filter elements: coalescing, 1 micron and 0.01 micron
- 1-1/2", 2", 3" ports (NPT, BSPP, BSPT)

* Without Differential Pressure Indicator – Max. supply pressure is 250 psig (20.1 bar).



Auto Drain

Port size	Description	Part number
1-1/2"	0.01 micron / auto float	35F77EAP
1-1/2"	1.0 micron / auto float	35F77HAP
2"	0.01 micron / auto float	35F87EAP
2"	1.0 micron / auto float	35F87HAP
3"	0.01 micron / auto float	43FN7EAP
3"	1.0 micron / auto float	43FN7HAP



Operating information

Supply pressure (max):

With pressure gauge without DPI*	250 psig (17.2 bar)
with DPI	150 psig (10.3 bar)

Operating temperature: 32°F to 150°F (0°C to 65.6°C)

Flow capacity†:

High flow	(35F) 1-1/2"	710 scfm (335 dm³/s, ANR)
	(35F) 2"	710 scfm (335 dm³/s, ANR)
	(43F) 3"	1770 scfm (835 dm³/s, ANR)

Bowl capacity:	35F	13.9 oz.
	43F	17.2 oz.

Standard Filtration: 0.01 & 1 micron

Weight:	35F	19.3 lb (8.7 kg)
	43F	32.8 lb (14.9 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

* Filtration temperature of 70°F (21°C) @ 100 psig (6.9 bar) with typical compressor lubricating oil and protected by 0.01 micron filter.

Ordering information:

35F	7	7	H	A	P	
Port Size 1-1/2 inch (35F) 7 2 inch (35F) 8 3 inch (43F) N		Bowl Metal without sight gauge, auto float drain 7		Port Threads Blank NPT 1 BSPP 2 BSPT		
		Element 0.01 Micron E 1 Micron H		Options N Without differential pressure indicator P* With differential pressure indicator		
				Engineering Level A Current		

* Maximum pressure rating 150 psig.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

H10

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Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics

Hi-Flow Coalescing Filters

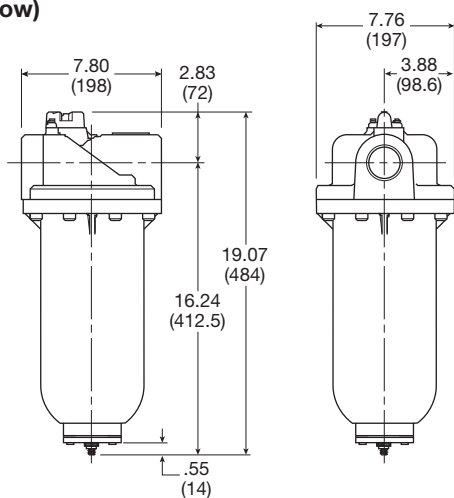
Material Specifications

Body	Aluminum
Bowls	Aluminum
Filter element	Borosilicate cloth
Seals	Fluorocarbon
Stud	Plated steel

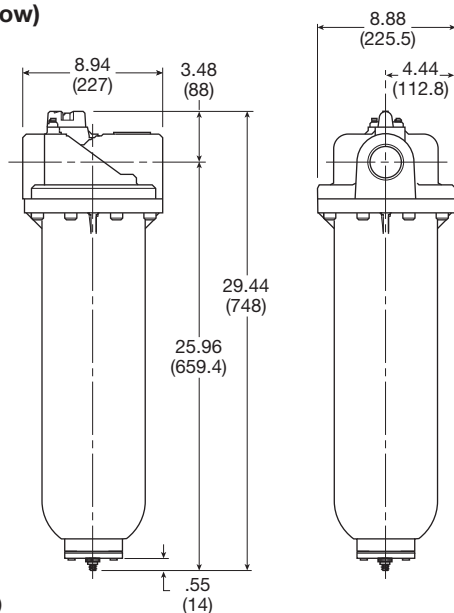
Repair and Service Kits

Differential pressure indicator cap – for pressures over 150 psig	GRP-95-022
Differential pressure indicator	DP2-02-001
Drain, automatic, internal, fluorocarbon, 1/8 NPT	GRP-95-981
Drain plate kit, 1/2 NPT tapped drain port	GRP-95-393
35F: 0.01 Micron element	MTP-95-502
35F: 1.0 Micron element	MSP-95-502
43F: 0.01 Micron element	MTP-95-562
43F: 1.0 Micron element	MSP-95-876
Manual drain kit with 1/2" drain plate	GRP-95-392

35F (Hi-Flow)



43F (Hi-Flow)

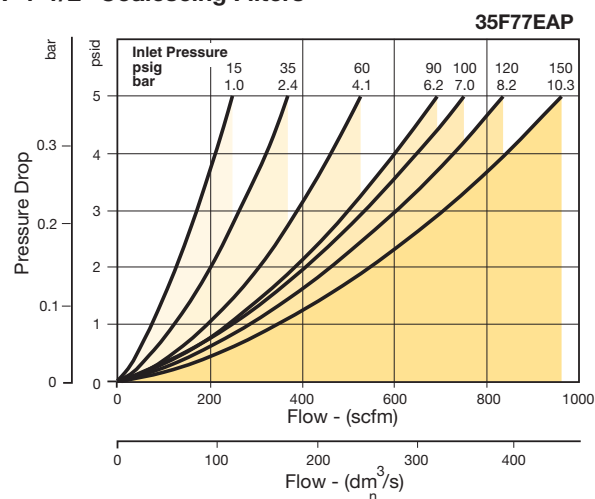


Inches (mm)

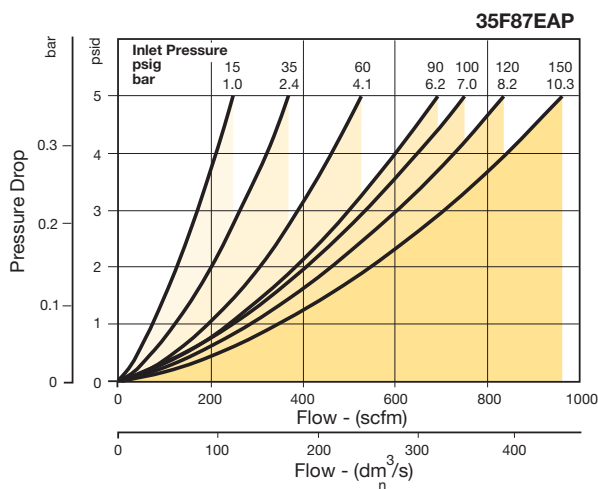
Air Preparation Products General Industrial

Flow Charts

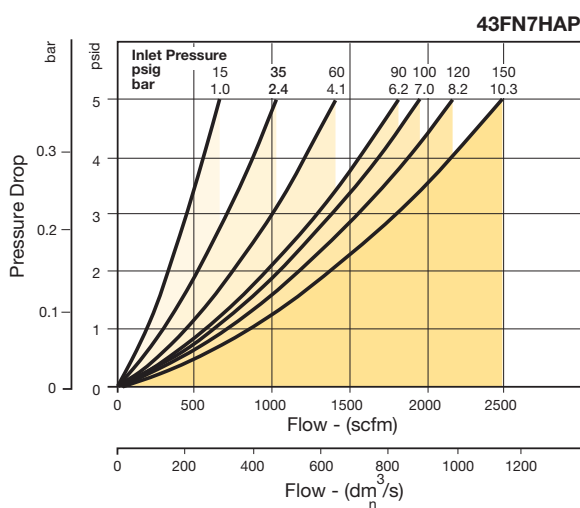
35F 1-1/2" Coalescing Filters



35F 2" Coalescing Filters



43F 3" Coalescing Filters



For inventory, lead time, and kit lookup, visit www.pdnplu.com

H11

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics

General Industrial
Products

H

Filters

Coalescers

Regulators

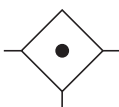
Lubricators

Combinations

F701 Coalescing Filters – Hi-Flow

- Removes liquid aerosols and sub-micron particles.
- Protects pneumatic systems from contamination that standard particulate filters will not catch.
- Two different grade elements available.
- Differential pressure indicator (pop-up) standard.
- Differential pressure gauge optional.
- High flow design
- 3/4", 1" ports (NPT, BSPP)

Note: All coalescing filters should be protected by a particulate filter (i.e., F602, or other) installed upstream.



Port size	Description	Part number
3/4"	32 oz. metal bowl, grade 6 element	F701-06E3P
3/4"	100 oz. metal bowl, grade 6 element	F701-06L3P
3/4"	32 oz. metal bowl, grade 10 element	F701-06E7P
3/4"	100 oz. metal bowl, grade 10 element	F701-06L7P
1"	32 oz. metal bowl, grade 6 element	F701-08E3P
1"	100 oz. metal bowl, grade 6 element	F701-08L3P
1"	32 oz. metal bowl, grade 10 element	F701-08E7P
1"	100 oz. metal bowl, grade 10 element	F701-08L7P



Operating information

Supply pressure (max):		
Manual drains		0 to 300 psig (0 to 20.7 bar)
Auto drains		
"R" low pressure internal		175 psig (12.0 bar)
"T" High pressure internal		250 psig (17.2 bar)
"Q" external		250 psig (17.2 bar)
Operating pressure drop:		
Normal	Dry	2 psig (0.14 bar)
	Wet	5 psig (0.34 bar)
Max recommended		10 psig (0.7 bar)
(Element should be replaced)		
Minimum recommended flow:		20% nominal rating of element
Operating temperature (max):		32°F to 150°F (0°C to 65°C)
"R", "T", "Q" drains		125°F (52°C)
Flow capacity†:		
Grade 6	32 oz*	95 scfm (44.8 dm³/s, ANR)
(0.01 micron)	100 oz*	170 scfm (80 dm³/s, ANR)
Grade 10	32 oz*	158 scfm (75 dm³/s, ANR)
(1.0 micron)	100 oz*	285 scfm (135 dm³/s, ANR)
Weight:		
	32 oz	5.0 lb (2.3 kg)
	100 oz	8.0 lb (3.6 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

* Dry media flow, for wet media flow information see table on next page.

Ordering information:

F701	—	06	W	3		/**																
<table><tr><th colspan="2">Port Threads</th></tr><tr><td>NPT</td><td>—</td></tr><tr><td>G BSPP</td><td>G</td></tr></table>		Port Threads		NPT	—	G BSPP	G	<table><tr><th colspan="2">Port Size</th></tr><tr><td>3/4 inch</td><td>06</td></tr><tr><td>1 inch</td><td>08</td></tr></table>		Port Size		3/4 inch	06	1 inch	08	<table><tr><th colspan="2">Engineering Level</th></tr><tr><td>/**</td><td>Will be entered at factory</td></tr></table>			Engineering Level		/**	Will be entered at factory
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<table><tr><th colspan="2">Bowl</th></tr><tr><td>32 oz. Metal without sight gauge</td><td>E</td></tr><tr><td>100 oz. Metal without sight gauge</td><td>L</td></tr></table>			Bowl		32 oz. Metal without sight gauge	E	100 oz. Metal without sight gauge	L	<table><tr><th colspan="2">Drains and Options</th></tr><tr><td>Blank</td><td>Manual twist drain</td></tr><tr><td>T</td><td>High pressure internal auto drain</td></tr><tr><td>Q*</td><td>External auto drain</td></tr><tr><td>R</td><td>Low pressure internal auto drain</td></tr></table>				Drains and Options		Blank	Manual twist drain	T	High pressure internal auto drain	Q*	External auto drain	R	Low pressure internal auto drain
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				<table><tr><th colspan="2">Element</th></tr><tr><td>3</td><td>Grade 6</td></tr><tr><td>7</td><td>Grade 10</td></tr></table>			Element		3	Grade 6	7	Grade 10										
Element																						
3	Grade 6																					
7	Grade 10																					

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

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Parker Hannifin Corporation
 Pneumatic Division
 Richland, Michigan
www.parker.com/pneumatics

Hi-Flow Coalescing Filters

Material Specifications

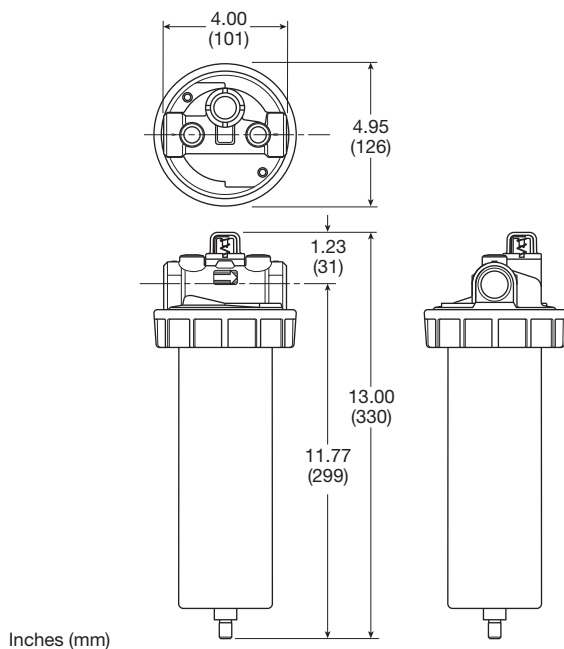
Body & flange ring	Zinc
Metal bowl (E) (L)	Aluminum
Auto float drain, housing "R", "T" (internal)	Acetal
Auto float drain, housing "Q" (external)	Bronze
Auto float drain, manual twist drain	Brass
Seals & float	Buna N
Springs	Stainless steel
Element (media)	Borosilicate fibers & felt
Element end caps	Urethane
Seals	Buna N

Repair and Service Kits

Bracket - 3/4 (pair of pipe mounted brackets)	SA200AW57
Bracket - 1 (pair of pipe mounted brackets)	SA200CW57
32 oz bowl kit - 3/4, 1 inch (E)	BK603B
32 oz bowl kit - 3/4, 1 inch (L) 100 oz.	BK603C
Differential pressure pop up Indicator repair kit (only works with originally equipped units)	RK701P
Differential pressure gauge (only works on units without pop-up indicator)	DP276-P
Internal automatic drain kit, high pressure (T)	SA702MD
Manual twist drain kit	SA600Y7-1
Grade 6 element - 3/4, 1 Inch (E) 32 oz.	F701-C3-0773
Grade 6 element - 3/4, 1 Inch (L) 100 oz.	F701-C3-0774
Grade 10 element - 3/4, 1 Inch (E) 32 oz.	F701-C7-0773
Grade 10 element - 3/4, 1 Inch (L) 100 oz.	F701-C7-0774

() = Bowl Type

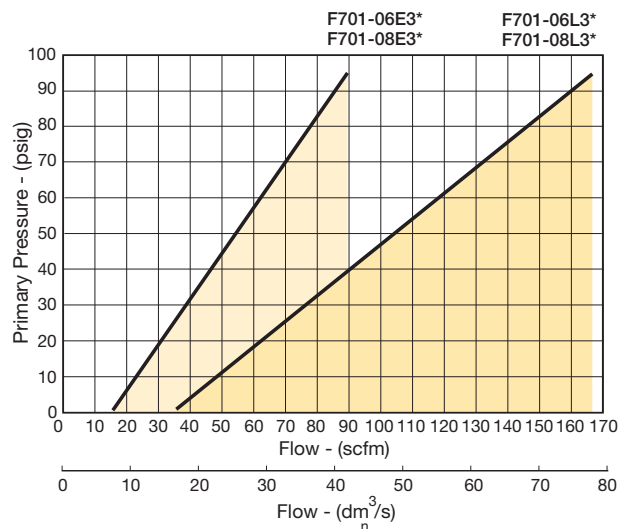
F701 - 32 oz. bowl (Hi-Flow)



Air Preparation Products General Industrial

Flow Charts

F701 3/4" & 1" Coalescing Filter



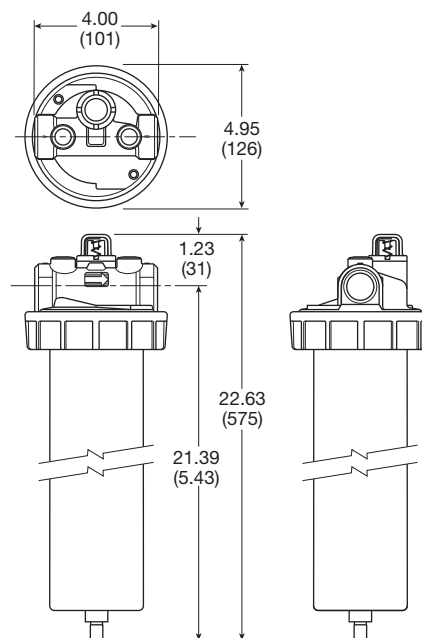
Media Specifications

Grade	D.O.P. Coalescing efficiency 0.3 to 0.6 micron particles	Maximum oil carryover ¹ PPM w/w	Pressure drop (PSID) ² @ rated flow	
			Media dry	Media Wet with 10-20 wt. oil
6	99.97%	0.008	1.0	2-3
10	95%	0.85	0.5	0.5

¹ Tested per BCAS 860900 at 40 ppm inlet.² Add dry + wet for total pressure drop.

D.O.P. = Dioctylphthalate

F701 - 100 oz. bowl (Hi-Flow)



P3TF Series Flanged Coalescing Filters

- No tie rod element design
- Pleated element technology
- New high efficiency drainage layer
- Designed in accordance with ASME and CRN
- Connection sizes: 4" & 6" flange
- Acrylic polyurethane coating for corrosion protection



Port size	Element type	Number of elements	Part number
4"	0.01 micron	4	P3TFAFFD2AN
4"	1.0 micron	4	P3TFAFFQ2AN
6"	0.01 micron	6	P3TFAFGD3AN
6"	1.0 micron	6	P3TFAFGQ3AN

Operating information

Supply pressure (max):	232 psig (16 bar)
Operating temperature:	35°F to 212°F (1.5°C to 100°C)
Flow capacity†:	4" 2119 scfm (1000 dm³/s, ANR)
	6" 4132 scfm (1950 dm³/s, ANR)
Standard Filtration:	0.01 & 1 micron
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.	

Material Specifications

Body	Steel
Baffle	Plated steel
Deflector	Plated steel
Element	Borosilicate cloth
Seals	Fluorocarbon
Stud	Plated steel

Repair and Service Kits

Dp gauge replacement kit	DPG-Kit
Drain kit - 1/2" NPT	HDF-120-NPT-A
0.01 Micron element (4 or 6 required)	PSY1035002
1.0 Micron element (4 or 6 required)	PSY1035001

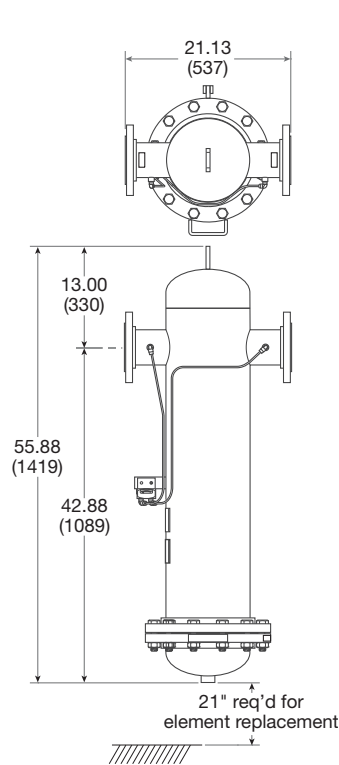
 Most popular.



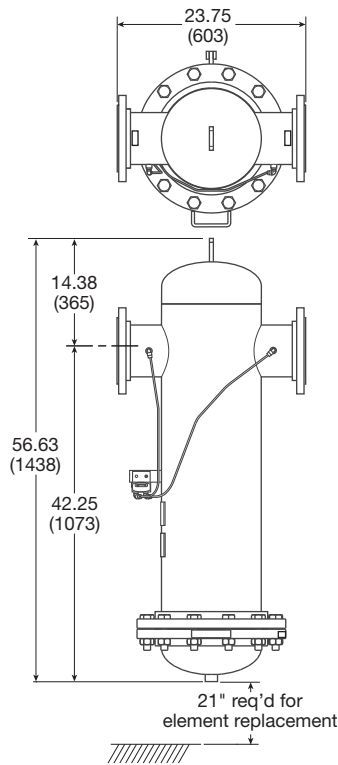
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Pneumatic Division
Richland, Michigan
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P3TFAFFD2AN & P3TFAFFQ2AN



P3TFAFGD3AN & P3TFAFGQ3AN

