



# Air Preparation Units

Filters, Regulators, and Lubricators

aerospace  
climate control  
electromechanical  
**filtration**  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding

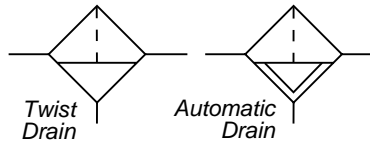


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**Filters**



- Pipe Sizes 1/8 thru 1½ Inch
- Flows to 310 SCFM
- Pressures to 250 PSIG

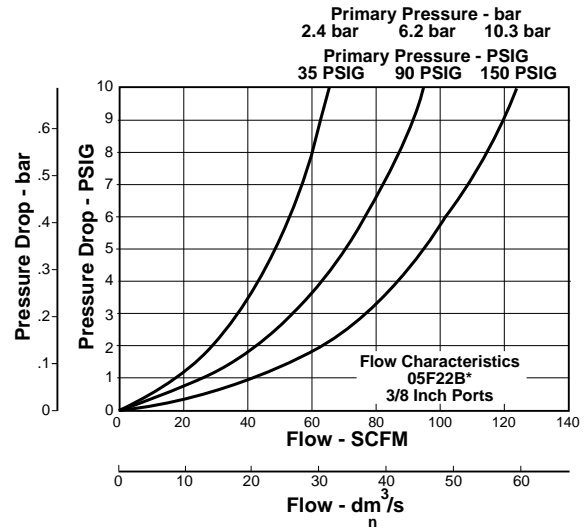
Air filters are designed to remove airborne solid contaminants, pipe scale, rust, pipe dope, etc., which may plug small orifices or cause excessive wear and premature failure of pneumatic components.

- Miniature 14F Series, 1/8 and 1/4 Inch
- Miniature FF504 Stainless Series, 1/4 Inch
- Economy 05F Series, 1/4 and 3/8 Inch
- Compact 06F Series, 1/4, 3/8 and 1/2 Inch
- Standard FF10 Stainless Series, 1/2 Inch
- Standard 07F Series, 3/8, 1/2 and 3/4 Inch
- Hi-Flow P3NF Series, 3/4, 1 and 1-1/2 Inch

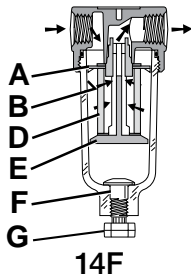
**Filter Selection**

1. Determine maximum system flow requirements.
2. Determine maximum allowable pressure drop at rated flow in SCFM.
3. Refer to flow chart and select filter pipe size by choosing curve that offers minimum pressure drop at desired flow in SCFM. For optimum performance, a 2 to 5 PSIG pressure drop should be selected.

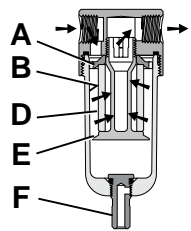
**Reading Flow Charts to Size Filters**



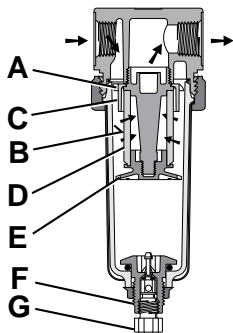
Once the required flow is determined for a pneumatic application, the filter can be selected by using the flow chart. To read the filter flow chart, first determine the inlet pressure that will be used. Find the appropriate pressure curve on the graph. Each graph will contain three pressure curves. If the required inlet pressure is not on the graph, interpolate a similar curve for the required pressure. Next, determine the acceptable pressure drop across the filter and locate it on the vertical axis. Find the intersection point of the acceptable pressure drop and the inlet pressure curve. At this point follow a vertical path downward to view the flow in SCFM. If the flow is too low, select a larger port size or body size to give the required flow. If the flow is higher than necessary, select a smaller port size or body size to give the required flow.



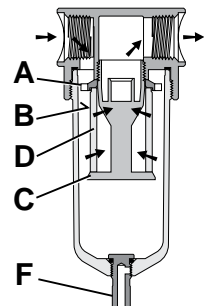
14F



F504



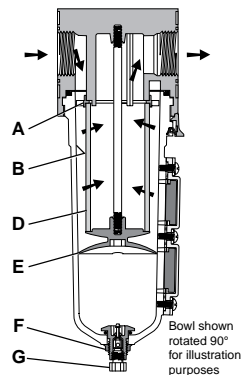
05F



F10

### First Stage Filtration:

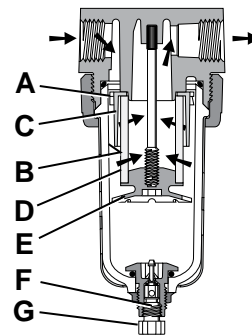
Air enters at inlet port and flows through deflector plate (A) which causes a swirling action. Liquids and coarse particles are forced to the bowl interior wall (B) by the centrifugal action of the swirling air. They then carry down the bowl wall by the force of gravity. Shroud (C) assures that the proper swirling action occurs and that the air does not pass directly through the filter element (D) until the large particles and liquids are removed. The baffle (E) separates the lower portion of the bowl into a "quiet zone" where the removed liquids and particles collect, unaffected by the swirling air, and are therefore not reentrained into the flowing air.



P3NF

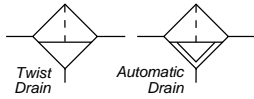
### Second Stage Filtration:

After liquids and large particles are removed in the first stage of filtration, the air flows through element (D) where smaller particles are filtered out and retained. The filtered air then passes downstream. Collected liquids and particles in the "quiet zone" should be drained before their level reaches a height where they would be reentrained in the flowing air. This can be accomplished by the twist drain (F) which is actuated by twisting knob (G) counterclockwise.



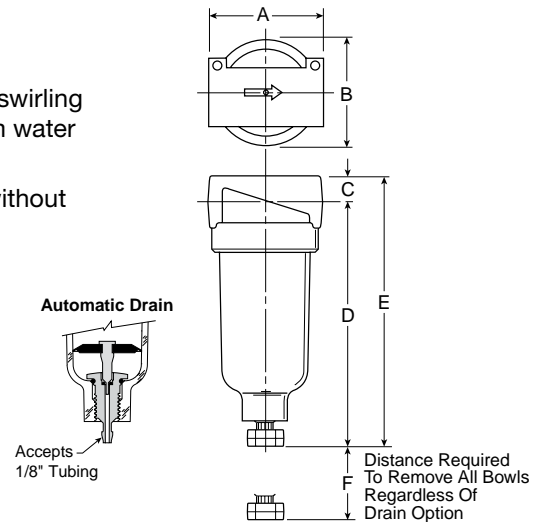
06F / 07F

## 14F Filters – Miniature



### Features

- Excellent water removal efficiency.
- Unique deflector plate that creates swirling of the air stream ensuring maximum water and dirt separation.
- Easily disassembled for servicing without the use of tools.
- 5 micron element standard.
- Interchangeable Twist and Automatic Pulse Drains.
- High Flow: 1/8" – 22 SCFM<sup>§</sup>  
 1/4" – 24 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Pulse Drain
Poly Bowl ‡		
1/8"	14F01B*	14F05B*
1/4"	14F11B*	14F15B*
Metal Bowl without Sight Gauge		
1/8"	14F03B*	14F07B*
1/4"	14F13B*	14F17B*

14F Filter Dimensions		
A	B	C
1.69 (43)	1.53 (39)	.39 (10)
D	D†	E
3.82 (97)	3.87 (99)	4.21 (107)
E†	F	
4.26 (108)	1.60 (41)	

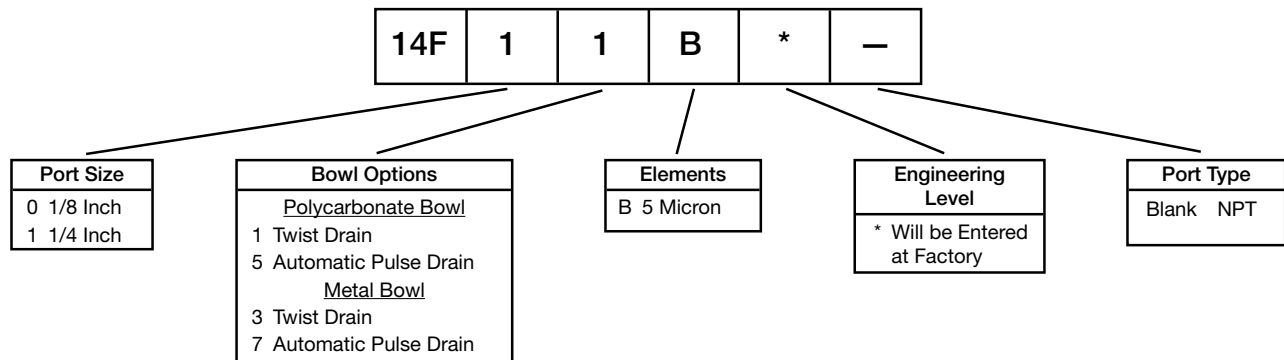
‡ For polycarbonate bowl see Caution on page 2.

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

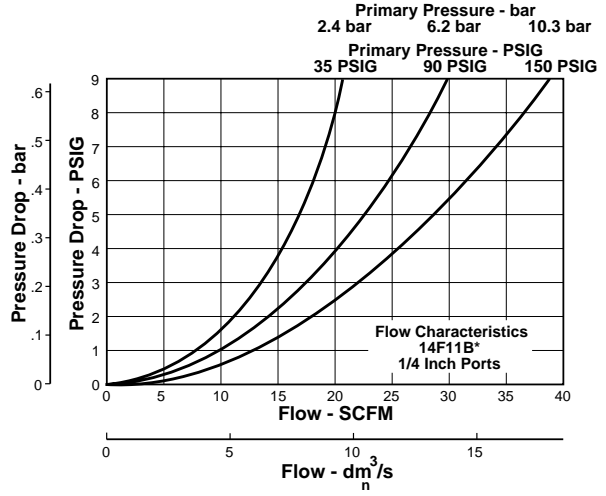
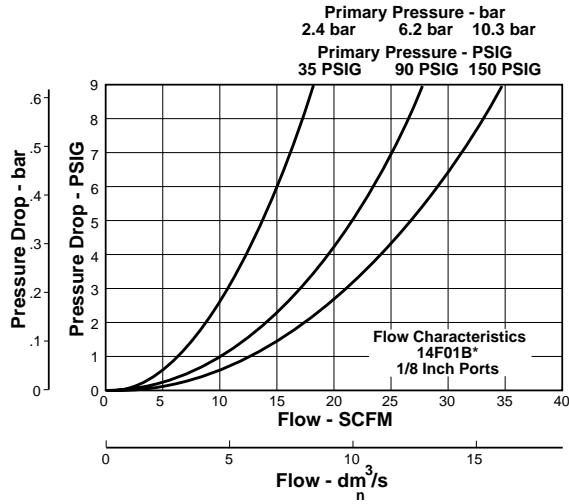
Inches (mm)

† With Automatic Pulse Drain.

## Ordering Information



**Technical Information**



**14F Filter Kits & Accessories**

- Bowl Kits –**
  - Poly Bowl –
    - Automatic Pulse Drain .....PS408BP
    - Twist Drain ..... PS404P
  - Metal Bowl –
    - Automatic Pulse Drain ..... PS451BP
    - Twist Drain ..... PS447BP
- Filter Element Kits –**
  - 40 Micron Element.....PS401
  - 5 Micron Element.....PS403
  - 5 Micron Element Kit (element and retainer)..... PS407P
- Mounting Bracket ..... PS417BP

**Specifications**

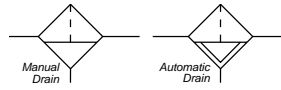
- Automatic Pulse Drain Tube Barb ..... 1/8 Inch
- Bowl Capacity .....1 Ounce
- Port Threads ..... 1/8, 1/4 Inch
- Pressure & Temperature Ratings –**
  - Polycarbonate Bowl.....0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)
  - Metal Bowl .....0 to 250 PSIG (0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)
  - Automatic Pulse Drain ..... 10 to 250 PSIG (0.7 to 17.2 bar)  
 at 125°F (52°C) or less
- Weight ..... 0.41 lb. (0.18 kg)

**Materials of Construction**

- Body..... Zinc
- Bowls** ..... Transparent Polycarbonate  
 Metal (Zinc) Bowl w/o Sight Gauge
- Deflector, Element Holder & Baffle** ..... Plastic
- Drains –**
  - Twist Drain –
    - Body & Stem ..... Plastic
    - Seals ..... Nitrile
  - Automatic Pulse Drain –
    - Piston & Seals..... Nitrile
    - Stem, Seat, Adaptor & Washers..... Aluminum
- Filter Elements –**
  - 5 Micron (Standard)..... Plastic
  - Seals..... Nitrile

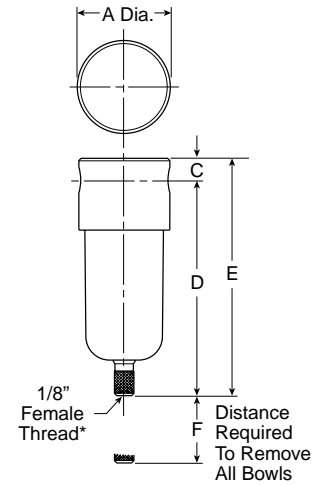


## FF504 Filter – Miniature



### Features

- Stainless steel construction handles most corrosive environments.
- Fluorocarbon seals standard.
- Meets NACE specifications MR-01-75/ISO 15156.
- 1/8" female threaded drain.
- High Flow: 1/4" - 23 SCFM §



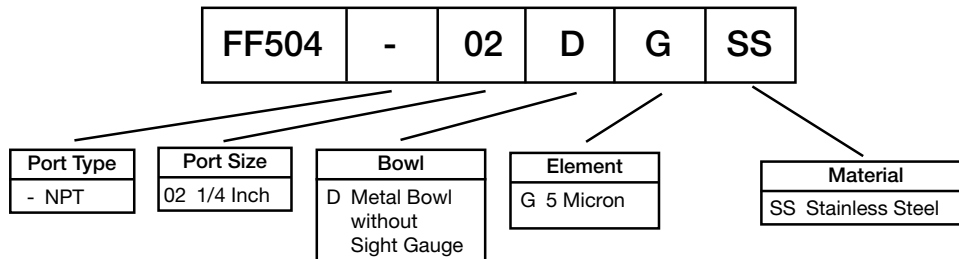
Port Size	NPT
	Manual Twist Drain
1/4"	FF504-02DGSS

SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

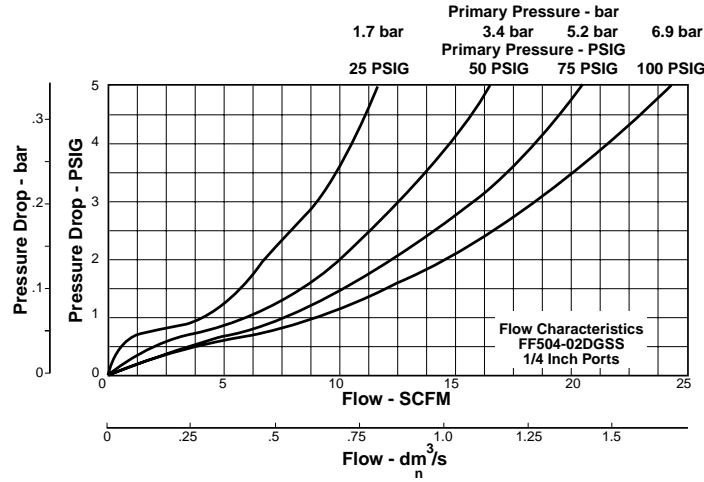
FF504 Filter Dimensions		
A	C	D
1.56 (40)	0.31 (8)	3.69 (94)
E	F	
4.00 (102)	1.58 (40)	

inches  
(mm)

### Ordering Information



**Technical Information**



**FF504 Filter Kits & Accessories**

- Filter Element Kit –**  
 Particulate (5 Micron) Element ..... EK504VY
- Manual Twist Drain –**  
 Small (Old) .....SA600Y7-1SS  
 Large (New) ..... SAP05481
- Pipe Nipple –**  
 1/4" 316 Stainless Steel ..... 616Y28-SS

**Specifications**

- Bowl Capacity ..... 1.0 Ounces
- Filter Rating ..... 5 Micron
- Sump Capacity .....0.4 Ounce
- Port Threads .....1/4 Inch

**Pressure & Temperature Ratings –**

Manual Twist Drain ..... 0 to 300 PSIG (0 to 20.7 bar)  
 0°F to 180°F (18°C to 82°C)

Note: Air must be dry enough to avoid ice formation at temperatures below 32°F (2°C).

Weight .....0.6 lb. (0.27 kg)

**Materials of Construction**

- Body ..... 316 Stainless Steel
- Bowls ..... 316 Stainless Steel
- Deflector ..... Acetal
- Drain ..... 316 Stainless Steel
- Element Holder ..... Acetal
- Filter Element ..... Polyethylene
- Seals ..... Fluorocarbon

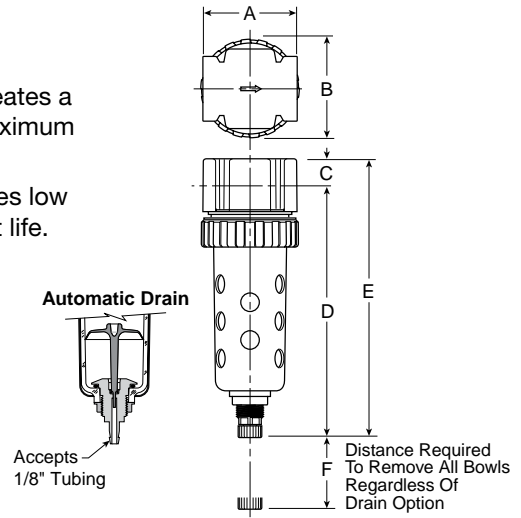


## 05F Filters – Economy



### Features

- Excellent water removal efficiency.
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation.
- Large filter element surface guarantees low pressure drop and increased element life.
- 5 micron filter element standard.
- Shown with metal bowl guard.
- High Flow: 1/4" – 54 SCFM<sup>§</sup>  
 3/8" – 70 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Pulse Drain
Poly Bowl <sup>‡</sup> / Metal Guard		
1/4"	05F12B*	05F1PB*
3/8"	05F22B*	05F2PB*
Metal Bowl / Sight Gauge		
1/4"	05F14B*	05F1TB*
3/8"	05F24B*	05F2TB*

05F Filter Dimensions		
A	B	C
2.00 (51)	2.06 (52)	.56 (14)
D <sup>†</sup>	E <sup>†</sup>	F
5.35 (136)	5.91 (150)	2.25 (57)

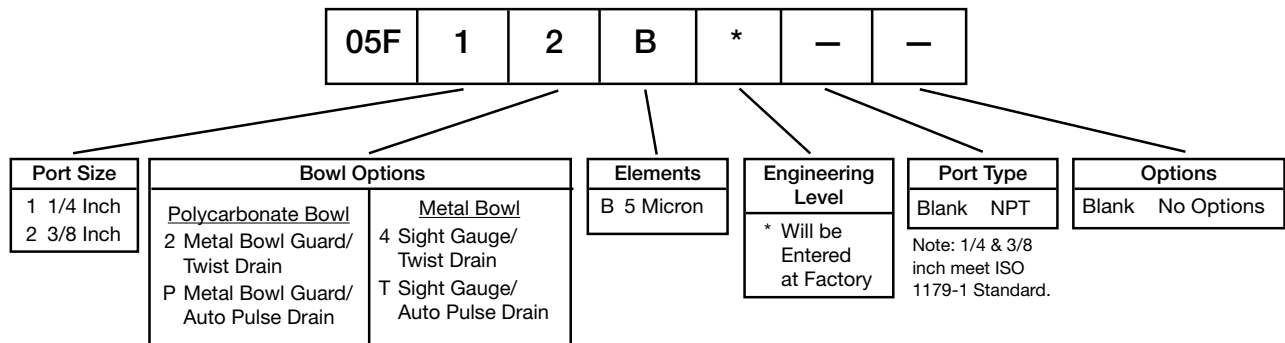
Inches (mm)

<sup>†</sup> With Twist or Automatic Pulse Drain

<sup>‡</sup> For polycarbonate bowl see Caution on page 2.

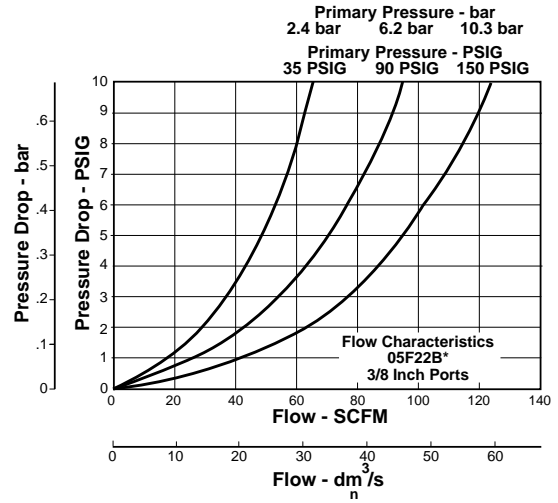
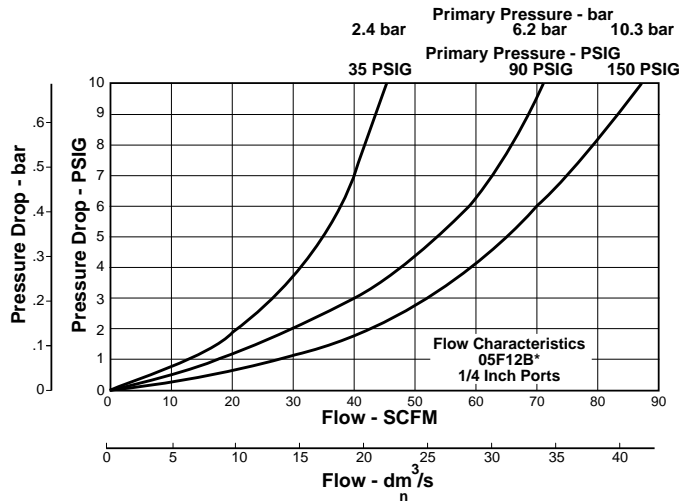
<sup>§</sup> SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

## Ordering Information





**Technical Information**



**05F Filter Kits & Accessories**

- Bowl Guard Kit.....PS905P
- Bowl Kits –
  - Poly Bowl –
    - Automatic Pulse Drain .....PS995P
    - Twist Drain .....PS932P
  - Metal Bowl –
    - Sight Gauge / Automatic Pulse Drain .....PS996P
    - Sight Gauge / Twist Drain.....PS935P
- Drain Kit –
  - Automatic Pulse Drain .....PS998P
  - Twist Drain .....PS512P
- Filter Element Kits –
  - 5 Micron Element.....PS902P
  - 40 Micron Element.....PS901P
- Mounting Bracket Kit .....PS943P
- Sight Gauge Kit .....PS914P

**Specifications**

- Bowl Capacity .....2.0 Ounces
- Sump Capacity .....0.9 Ounce
- Port Threads .....1/4, 3/8 Inch

**Pressure & Temperature Ratings –**

Without Differential Pressure Indicator:

Polycarbonate Bowl – 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)

Metal Bowl – 0 to 250 PSIG (0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)

With Differential Pressure Indicator: 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)

Automatic Pulse Drain – 10 to 150 PSIG (0.7 to 10.3 bar)

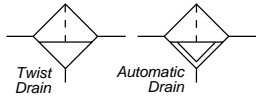
Weight .....1.2 lb. (0.54 kg)

**Materials of Construction**

- Body ..... Zinc
- Bowls ..... Transparent Polycarbonate or Metal (Zinc) With or Without Sight Gauge
- Bowl Guards ..... Steel
- Collar ..... Plastic
- Deflector, Shroud & Baffle ..... Plastic
- Drain ..... Plastic
- Filter Elements –
  - 5 Micron ..... Plastic
- Seals ..... Nitrile
- Sight Gauge, DPI ..... Polyamide (Nylon)

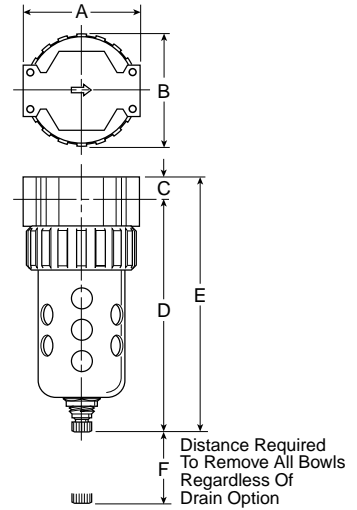


## 06F Filters – Compact



### Features

- Excellent water removal efficiency.
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation.
- Large filter element surface guarantees low pressure drop and increased element life.
- Optional automatic float drain available.
- Shown with metal bowl guard.
- High Flow: 1/4" – 53 SCFM<sup>§</sup>  
 3/8" – 80 SCFM<sup>§</sup>  
 1/2" – 85 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Float Drain
Poly Bowl <sup>‡</sup> / Metal Guard		
1/4"	<b>06F12B*</b>	<b>06F16B*</b>
3/8"	<b>06F22B*</b>	<b>06F26B*</b>
1/2"	<b>06F32B*</b>	<b>06F36B*</b>
Metal Bowl / Sight Gauge		
1/4"	<b>06F14B*</b>	<b>06F18B*</b>
3/8"	<b>06F24B*</b>	<b>06F28B*</b>
1/2"	<b>06F34B*</b>	<b>06F38B*</b>

06F Filter Dimensions		
<b>A</b> 2.81 (71)	<b>B</b> 2.74 (70)	<b>C</b> .53 (13)
<b>D</b> 5.69 (145)	<b>D†</b> 5.74 (146)	<b>E</b> 6.22 (158)
<b>E†</b> 6.27 (159)	<b>F</b> 2.25 (57)	

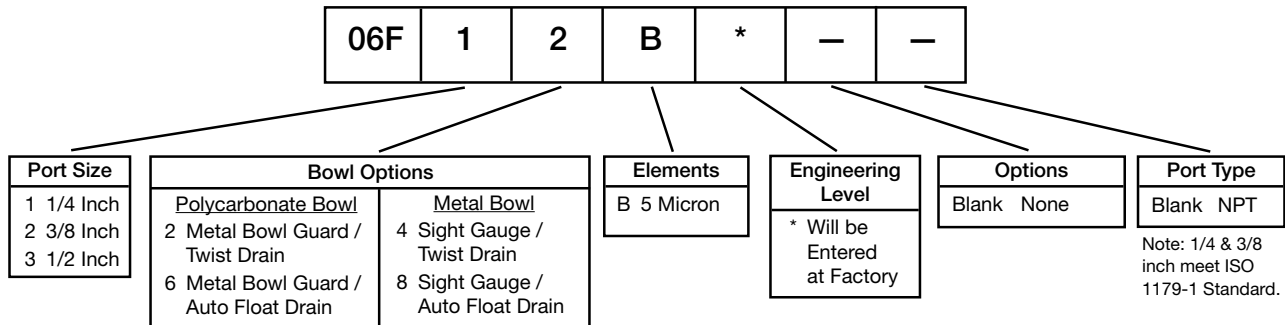
Inches (mm)

† With Automatic Float Drain

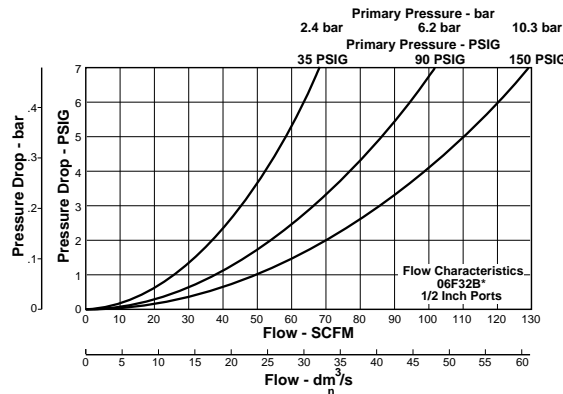
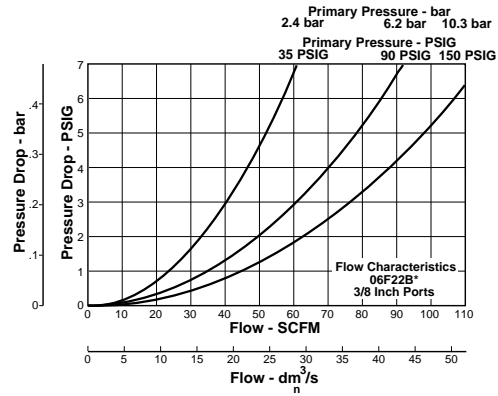
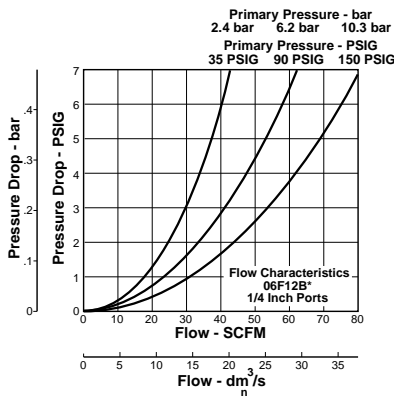
<sup>‡</sup> For polycarbonate bowl see Caution on page 2.

<sup>§</sup> SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

## Ordering Information



**Technical Information**



**06F Filter Kits & Accessories**

Bowl Guard Kit .....	PS705P
<b>Bowl Kits –</b>	
Poly Bowl –	
Automatic Float Drain .....	PS722P
Twist Drain .....	PS732P
Metal Bowl –	
Sight Gauge / Automatic Float Drain .....	PS723P
Sight Gauge / Twist Drain .....	PS735P
<b>Drain Kits –</b>	
Automatic Float Drain .....	PS506P
Twist Drain .....	PS512P
<b>Filter Element Kits –</b>	
5 Micron Element .....	PS702
40 Micron Element .....	PS701
Mounting Bracket Kit .....	PS743P
Sight Gauge Kit .....	PS914P

**Specifications**

Bowl Capacity .....	4.4 Ounces
Sump Capacity .....	1.75 Ounces
Port Threads .....	1/4, 3/8, 1/2 Inch

**Pressure & Temperature Ratings –**

Without Differential Pressure Indicator:

Polycarbonate Bowl – 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)

Metal Bowl – 0 to 250 PSIG (0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)

With Differential Pressure Indicator: 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)

Automatic Float Drain – 15 to 250 PSIG (1.0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)

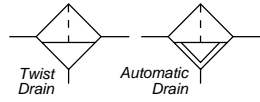
Weight .....

1.4 lb. (0.6 kg)

**Materials of Construction**

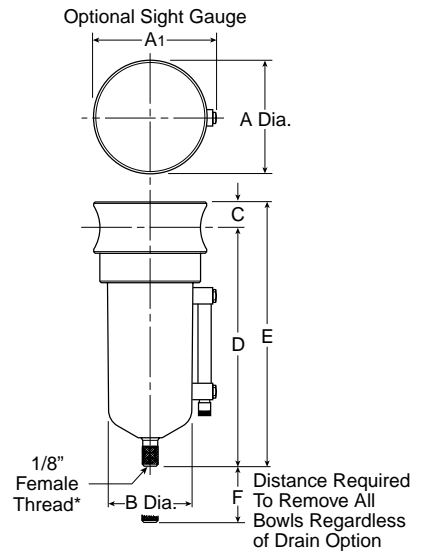
Body .....	Zinc
Bowls .....	Transparent Polycarbonate or Metal (Zinc) With or Without Sight Gauge
Bowl Guards .....	Steel
Collar .....	Plastic
Deflector, Shroud & Baffle .....	Plastic
<b>Drains –</b>	
Twist Drain – Body & Nut .....	Plastic
Automatic Float Drain – Housing, Float .....	Plastic
Seals .....	Nitrile
Springs, Push Rod .....	Stainless Steel
<b>Filter Elements –</b>	
5 Micron .....	Plastic
<b>Seals .....</b>	Nitrile
<b>Sight Gauge .....</b>	Polyamide

## FF10 Filter – Standard



### Features

- Stainless steel construction handles most corrosive environments.
- Meets NACE specifications MR-01-75/ISO 15156.
- 1/8" female threaded drain.
- High Flow: 1/2" - 70 SCFM §



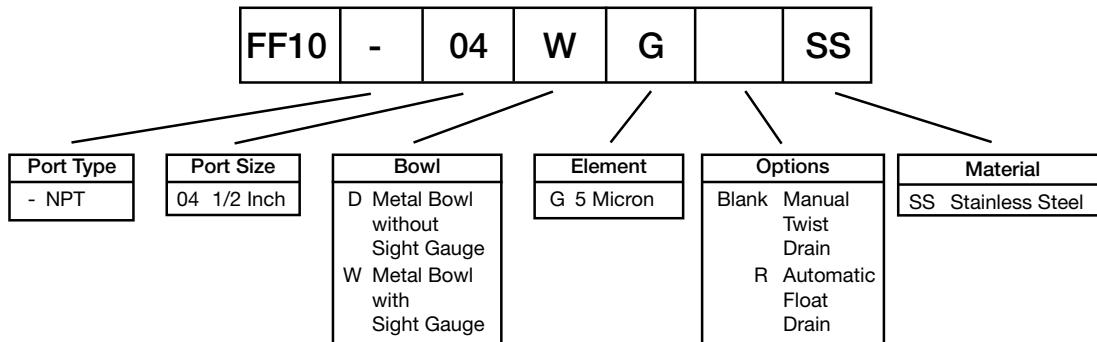
Port Size	NPT without sight gauge		NPT with sight gauge	
	Manual Twist Drain	Automatic Float Drain	Manual Twist Drain	Automatic Float Drain
1/2"	FF10-04DGSS	FF10-04DGRSS	FF10-04WGSS	FF10-04WGRSS

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

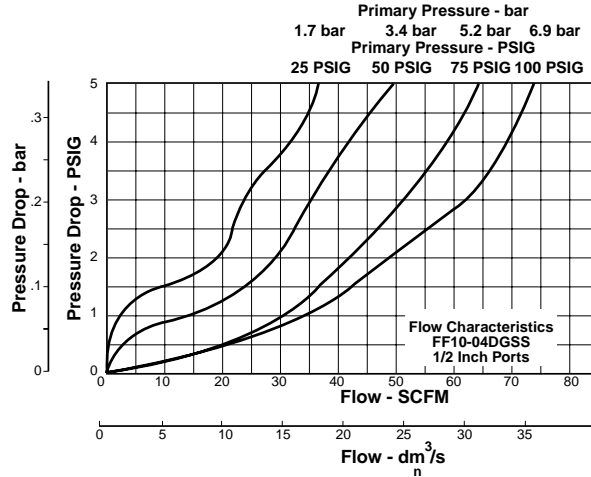
FF10 Filter Dimensions		
A	A1	B
2.38 (60)	2.50 (64)	1.75 (44)
C	D	E
.56 (14)	5.00 (127)	5.56 (141)
F		
2.12 (54)		

inches  
(mm)

### Ordering Information



**Technical Information**



**FF10 Filter Kits & Accessories**

**Drain Kit –**

Automatic Float Drain.....	FSA602MDSS
Manual Twist Drain–	
Small (Old) .....	SA600Y7-1SS
Large (New) .....	SAP05481

**Filter Element Kits –**

Particulate (5 Micron) Element .....	EK55G
Pipe Nipple – 1/2" 316 Stainless Steel.....	616A28-SS

**Specifications**

Bowl Capacity .....	4.0 Ounces
Filter Rating .....	5 Micron
Sump Capacity .....	1.7 Ounce
Port Threads .....	1/2 Inch

**Pressure & Temperature Ratings –**

Manual Twist Drain (D-Bowl) .....	0 to 300 PSIG (0 to 20.7 bar)
	0°F to 180°F (-18°C to 82°C)

Manual Twist Drain (W-Bowl) .....	0 to 250 PSIG (0 to 17.2 bar)
	0°F to 150°F (-18°C to 66°C)
Automatic Float Drain .....	15 to 175 PSIG (1 to 12 bar)
	40°F to 125°F (4°C to 52°C)

**Note:** Air must be dry enough to avoid ice formation at temperatures below 32°F (2°C).

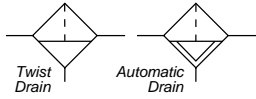
**Weight** ..... 1.9 lb. (0.85 kg)

**Materials of Construction**

<b>Body</b> .....	316 Stainless Steel
<b>Bowls</b> .....	316 Stainless Steel
<b>Deflector</b> .....	Acetal
<b>Drain</b> .....	316 Stainless Steel
<b>Element Holder</b> .....	Acetal
<b>Filter Element</b> .....	Polyethylene
<b>Seals</b> .....	Fluorocarbon
<b>Sight Gauge</b> .....	Isoplast

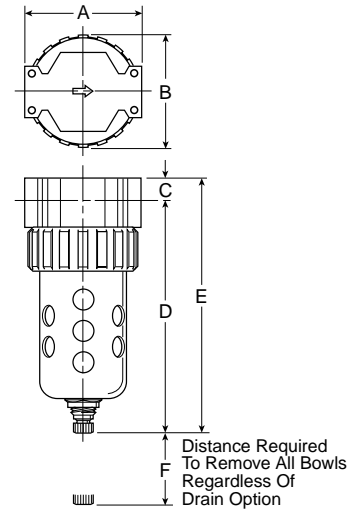


## 07F Filters – Standard



### Features

- Excellent water removal efficiency.
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation.
- Large filter element surface guarantees low pressure drop and increased element life.
- Optional automatic float drain available.
- Shown with metal bowl guard.
- High Flow: 3/8" – 100 SCFM<sup>§</sup>  
 1/2" – 130 SCFM<sup>§</sup>  
 3/4" – 145 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Float Drain
Poly Bowl <sup>‡</sup> / Metal Guard		
3/8"	07F22B*	07F26B*
1/2"	07F32B*	07F36B*
3/4"	07F42B*	07F46B*
Metal Bowl / Sight Gauge		
3/8"	07F24B*	07F28B*
1/2"	07F34B*	07F38B*
3/4"	07F44B*	07F48B*

07F Filter Dimensions		
A	B	C
3.24 (82)	3.25 (83)	.70 (18)
D	D <sup>†</sup>	E
6.97 (177)	7.00 (178)	7.67 (195)
E <sup>†</sup>	F	
7.70 (196)	2.75 (70)	

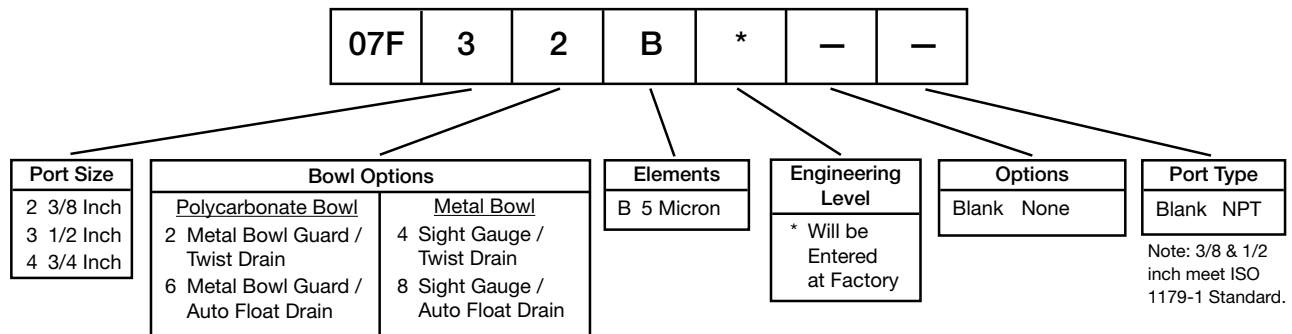
<sup>‡</sup> For polycarbonate bowl see Caution on page 2.

<sup>§</sup> SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop.

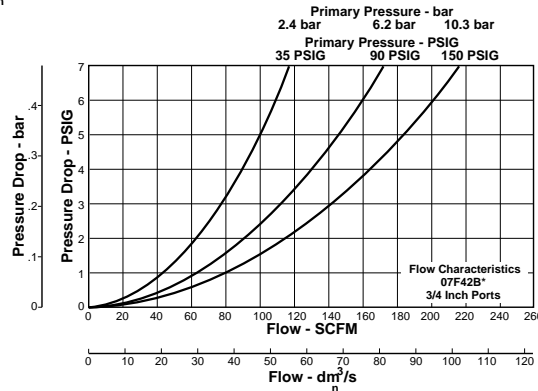
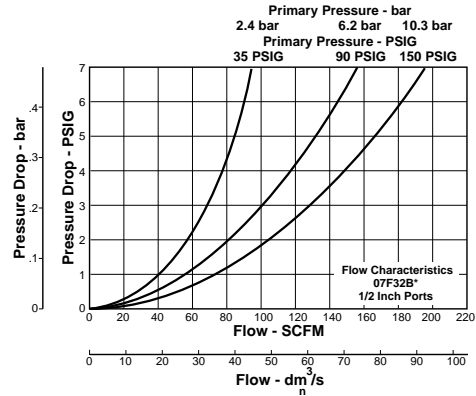
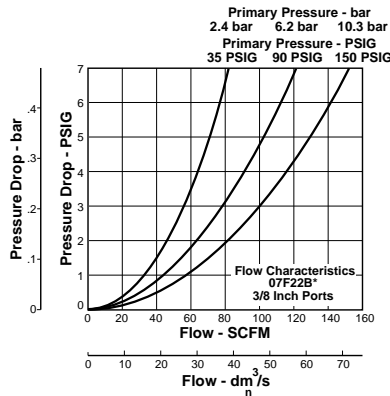
Inches (mm)

<sup>†</sup> With Automatic Float Drain

## Ordering Information



**Technical Information**



**07F Filter Kits & Accessories**

- Bowl Guard Kit ..... PS805P
- Bowl Kits –
  - Poly Bowl –
    - Automatic Float Drain ..... PS822P
    - Twist Drain ..... PS832P
  - Metal Bowl –
    - Sight Gauge / Automatic Drain ..... PS823P
    - Sight Gauge / Twist Drain ..... PS835P
- Drain Kits –
  - Automatic Float Drain ..... PS506P
  - Twist Drain ..... PS512P
- Filter Element Kits –
  - 5 Micron Element ..... PS802
  - 40 Micron Element ..... PS801
- Mounting Bracket Kit ..... PS843P
- Sight Gauge Kit ..... PS914P

**Specifications**

- Bowl Capacity ..... 7.2 Ounces
- Sump Capacity ..... 2.8 Ounces
- Port Threads ..... 3/8, 1/2, 3/4 Inch

**Pressure & Temperature Ratings –**

- Without Differential Pressure Indicator:
  - Polycarbonate Bowl – 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)
  - Metal Bowl – 0 to 250 PSIG (0 to 17.2 bar)  
 32°F to 175°F (0°C to 80°C)
- With Differential Pressure Indicator:
  - 0 to 150 PSIG (0 to 10.3 bar)  
 32°F to 125°F (0°C to 52°C)
  - Automatic Float Drain – 15 to 250 PSIG (1.0 to 17.2 bar)

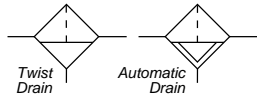
Weight ..... 2.2 lb. (1.0 kg)

**Materials of Construction**

- Body ..... Zinc
- Bowls ..... Transparent Polycarbonate  
 Metal (Zinc) With or Without Sight Gauge
- Bowl Guards ..... Steel
- Collar ..... Plastic or Metal
- Deflector, Shroud & Baffle ..... Plastic
- Drains –
  - Twist Drain – Body & Nut ..... Plastic
  - Automatic Float Drain –
    - Housing, Float ..... Plastic
    - Seals ..... Nitrile
    - Springs, Push Rod ..... Stainless Steel
- Filter Elements –
  - 5 Micron (Standard) ..... Plastic
- Seals ..... Nitrile
- Sight Gauge ..... Polyamide

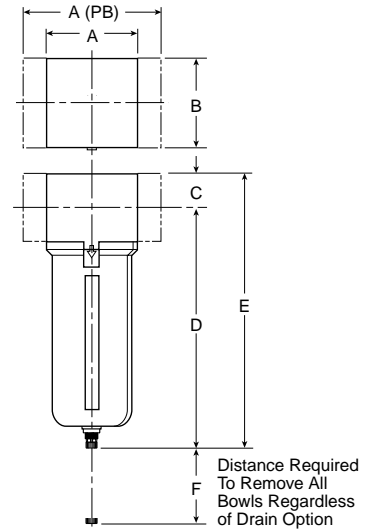


## P3NF Filters – Hi-Flow



### Features

- Port blocks (PB) available to provide 1-1/2" port extension to 1" ported bodies.
- Excellent water removal efficiency.
- Metal bowl with sight gauge.
- Large filter element surface guarantees low pressure drop and increased element life.
- Twist Drain as standard, optional automatic float drain.
- High Flow: 3/4" – 270 SCFM<sup>§</sup>  
 1" – 300 SCFM<sup>§</sup>  
 1-1/2" – 310 SCFM<sup>§</sup>



Port Size	NPT	
	Twist Drain	Automatic Float Drain
Metal Bowl / Sight Gauge		
3/4"	P3NFA96ESM	P3NFA96ESA
1"	P3NFA98ESM	P3NFA98ESA
1-1/2" #	P3NFA9PESM	P3NFA9PESA

P3NF Filter Dimensions		
A	A (PB)	B
3.62 (92)	5.91 (150)	3.62 (92)
C	D†	E†
1.38 (35)	9.57 (243)	10.95 (278)
F		
4.92 (125)		

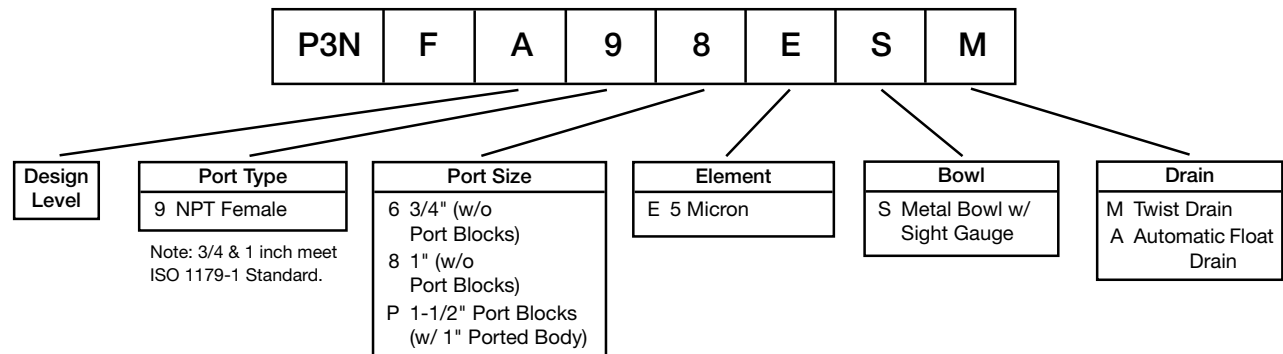
# 1" Port Body with 1-1/2" Port Block.

§ SCFM = Standard cubic feet per minute at 90 PSIG inlet and 5 PSIG pressure drop, with 40 micron element.

Inches (mm)

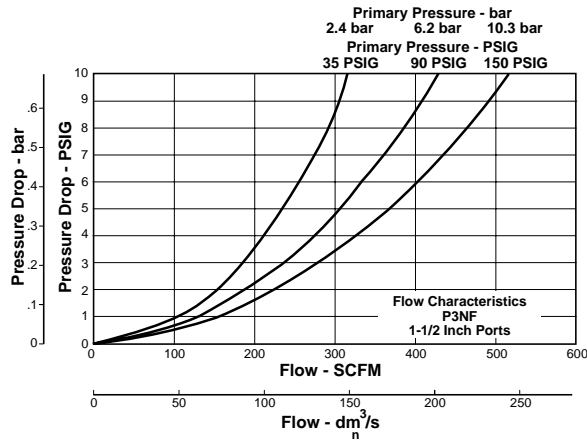
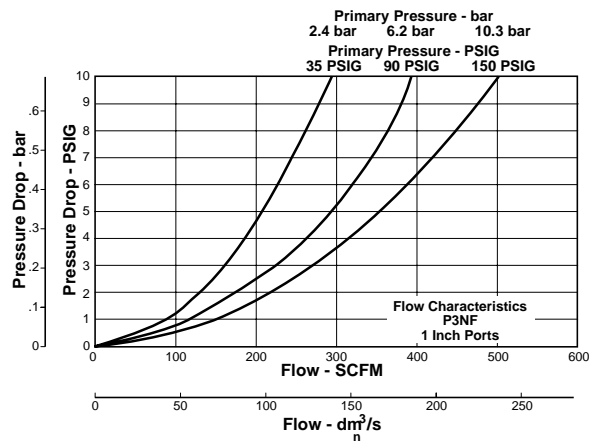
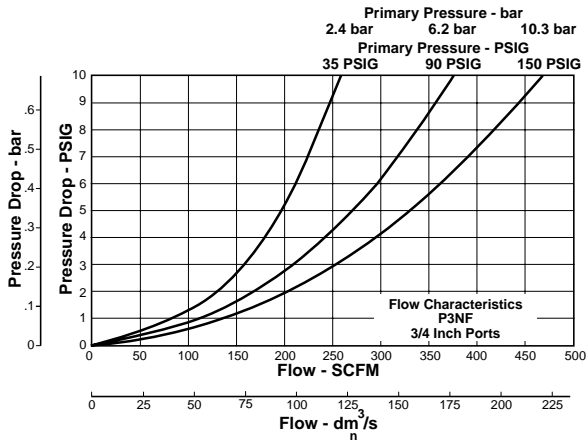
† With Twist Drain or Automatic Float Drain

## Ordering Information





Technical Information



P3NF Filter Kits & Accessories

Bowl Kits –

Metal Bowl –

- Sight Gauge / Automatic Float Drain ..... P3NKA00BSA
- Sight Gauge / Twist Drain..... P3NKA00BSM

Bowl Latch Kit ..... C11A33

Drain Kit –

- Automatic Float Drain ..... PS506P
- Twist Drain ..... PS512P

Filter Elements –

- 5 Micron Element..... P3NKA00ESE
- 40 Micron Element..... P3NKA00ESG

Mounting Bracket Kit ..... P3NKA00MW

Sight Gauge Kit..... P3NKA00PE

Specifications

Pressure & Temperature Rating –

0 to 250 PSIG (0 to 17 bar) 32°F to 175°F (0°C to 80°C)  
Automatic Float Drain – 15 to 250 PSIG (1.0 to 17 bar)

Bowl Capacity ..... 18.0 Ounces

Sump Capacity ..... 6.8 Ounces

Weight –

- 3/4" ..... 3.5 lb. (1.6 kg)
- 1" ..... 3.5 lb. (1.6 kg)
- 1-1/2" # ..... 4.6 lb. (2.1 kg)

Materials of Construction

Body ..... Aluminum

Deflector ..... Plastic

Drain ..... Plastic

Filter Elements –

5 Micron (Standard) ..... Plastic

Seals ..... Nitrile

Sight Gauge ..... Polyamide (Nylon)

# 1" Port Body with 1-1/2" Port Block.

