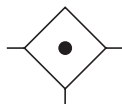


12F Coalescing Filters – Standard

- Removes liquid aerosols and sub-micron particles
- Liquids gravitate to the bottom of the element and will not re-enter the airstream
- Oil free air for critical applications, such as air gauging and pneumatic instrumentation and controls
- Interchangeable twist and automatic float drains
- Differential pressure indicator standard
- Shown with recommended metal bowl guard
- 1/2", 3/4" ports (NPT)



Operating information

Supply pressure (max):

Without DPI

Plastic bowl 0 to 150 psig (0 to 10.3 bar)

Metal bowl 0 to 250 psig (0 to 17.2 bar)

With DPI

0 to 150 psig (0 to 10.3 bar)

Auto float drain

15 to 250 psig (1.0 to 17.2 bar)

Operating pressure drop:

Normal

2 psig (0.14 bar)

Max recommended

10 psig (0.7 bar)

(Element should be replaced)

Minimum recommended flow: 20% nominal rating of element

Operating temperature:

Plastic bowl

32°F to 125°F (0°C to 52°C)

Metal bowl

32°F to 175°F (0°C to 80°C)

With DPI

32°F to 125°F (0°C to 52°C)

Flow capacity†:

Grade 6

1/2" 75 scfm (35.4 dm³/s, ANR)

3/4" 80 scfm (37.7 dm³/s, ANR)

Grade 10

1/2" 125 scfm (59 dm³/s, ANR)

3/4" 160 scfm (75.5 dm³/s, ANR)

Bowl capacity:

7.2 oz.

Sump capacity:

2.8 oz.

Weight:

2.4 lb (1.1 kg)

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

DPI = Differential pressure indicator

Ordering Information:

Port Size	Description †	Part Number
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	12F32EC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01), W/Out Dpi	12F32ECN
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 10 (1.0)	12F32HC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 10 (1.0), W/Out Dpi	12F32HCN
1/2"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01)	12F34EC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01), W/Out Dpi	12F34ECN
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	12F36EC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01), W/Out Dpi	12F36ECN
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	12F38EC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 10 (1.0)	12F38HC
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	12F42EC
3/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	12F46EC
3/4"	Metal Bowl, Auto Float Drain, Grade 10 (1.0)	12F47HC
3/4"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	12F48EC

† For polycarbonate bowl, see caution in Engineering Section A.

 Most popular.



For inventory, lead times, and kit

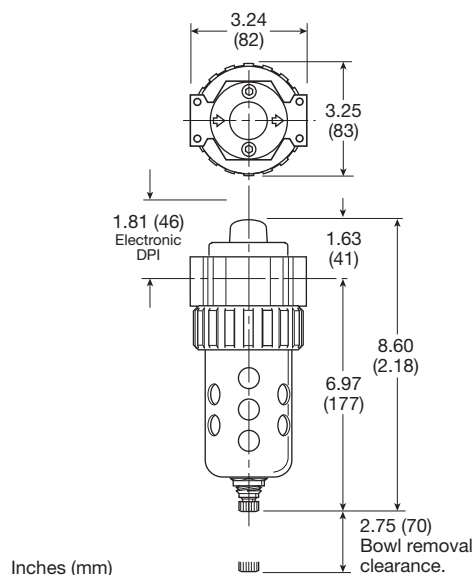
Standard Coalescing Filters

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl with or without sight gauge	Zinc
Bowl guard	Steel
Collar	Plastic or metal
Twist drain, body & nut	Plastic
Automatic float drain, housing, float	Plastic
Automatic float drain, seals	Nitrile
Automatic float drain, springs, push rod	Stainless steel
Element	Borosilicate & felt glass fibers
Seals	Nitrile
Sight gauge	Polyamide

Repair and Service Kits

Bowl guard kit	PS805P
Poly bowl / automatic float drain kit	PS822P
Poly bowl / twist drain kit	PS832P
Metal bowl / automatic float drain kit	PS826P
Metal bowl / twist drain kit	PS834P
Metal bowl / sight gauge / automatic float drain kit	PS823P
Metal bowl / sight gauge / twist drain kit	PS835P
DPI replacement kit	PS781P
Automatic float drain kit	PS506P
Twist drain kit	PS512P
Electrical connector: 15mm, 3-pin DIN, 6 ft. cord	PS2932JBP
Grade 6 element (standard)	PS824P
Grade 10 element (optional)	PS830P
Mounting bracket kit	PS843P
Sight gauge kit	PS914P

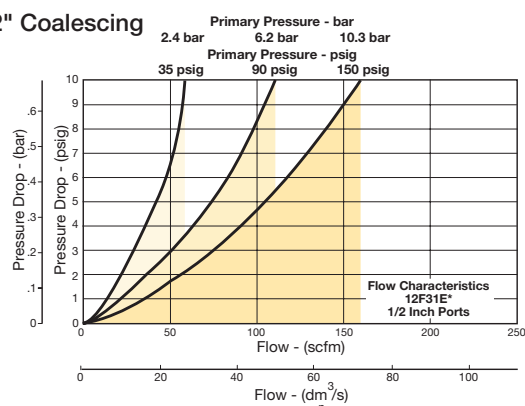


Prep-Air II Series

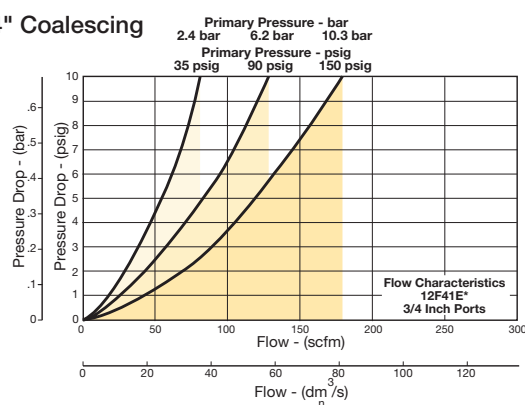
Flow Charts

Grade 6 Element

12F 1/2" Coalescing Filter

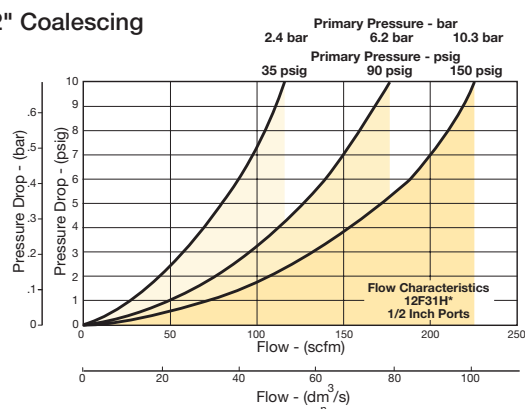


12F 3/4" Coalescing Filter



Grade 10 Element

12F 1/2" Coalescing Filter



12F 3/4" Coalescing Filter

