



- > **Port size: 3/4" to 1 1/4" (ISO G, PTF)**
- > **High efficiency oil and particle removal**
- > **Vapor removal options**
- > **Standard service indicator turns from green to red when the filter element needs to be replaced**



Coalescing Filter Technical data

Fluid:

Compressed air, neutral gases
NOTE: Contact technical support for use with other media.

Maximum pressure

250 psig (17 bar)

Operating temperature:*

-30° to 150°F (-34° to 65°C)
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

Particle removal:

Down to 0.01 µm
Maximum remaining oil content in outlet air:
0.01ppm at 70°F (20°C) with an inlet oil concentration of 17 ppm.

Nominal bowl size:

1 quart US (1 liter)

Manual drain connection:

1/8-27 and 1/8-28 female pipe thread.

Automatic drain connection:



1/8-27 and 1/8-28 male pipe thread. – Flexible tube with 3/16" (5mm) minimum I.D. can be connected to the automatic drain. Drain may fail to operate if the tube I.D. is less than 3/16" (5mm). Avoid restrictions in the tube.

Materials

Body: aluminum
Bowl: aluminum
Bowl sight glass: Pyrex
Elastomers: chloroprene, nitrile
Filter element: synthetic fiber and polyurethane foam
Coalescing element: synthetic fiber and white polyester
Vapor element: activated carbon and aluminum

Ordering information

Models listed include service indicator, automatic drain, metal bowl with sight glass, and PTF threads.

ISO Symbols	Port Size	Model Numbers	Maximum Flow* scfm (dm3/s)	5351-04 Element replacement kit**	Weight lbs (kg)
 Auto Drain  Manual Drain	3/4"	F46-601-A0DA	90 (42)		4.11 (1.86)
	1"	F46-801-A0DA	125 (59)		4.05 (1.84)
	1-1/4"	F46-A01-A0DA	125 (59)		4.29 (1.95)

* Maximum flow for oil-saturated element at 90 psig (6.3 bar) inlet pressure to maintain stated oil removal performance.

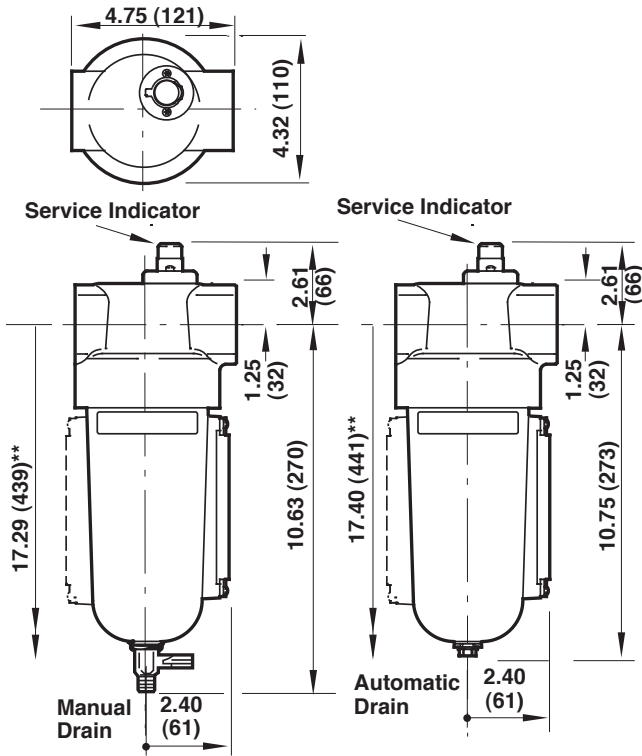
**Service kit contains coalescing element, element o-ring, bowl o-ring, and drain gasket.

Alternative Models

F46-★ ★ ★ -★ 0 ★ ★

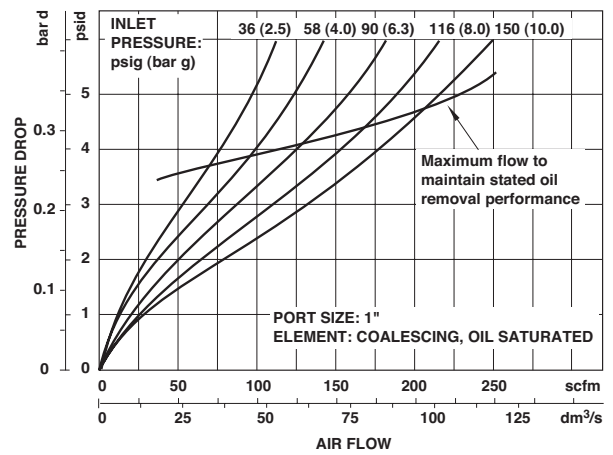
Port Size	Substitute
3/4"	6
1"	8
1-1/4"	A
Options	Substitute
No indicator	00
Indicator	01
Vapor 60 SCFM	24
Vapor 100 SCFM	27

Threads	Substitute
PTF	A
ISO G parallel	G
Bowl	Substitute
Metal with sight glass	D
Metal without sight glass	M
Drain	Substitute
Automatic	A
Manual	M



Dimensions in inches (mm)

Typical Performance Characteristic



Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.