

Compact design
High efficiency oil and particle removal



Technical data

Fluid:

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

Maximum pressure

Transparent bowl: 150 psig (10 bar)
 Metal bowl: 250 psig (17 bar)

Operating temperature:*

Transparent bowl:
 -30° to 125°F (-34° to 50°C)

Metal bowl:

-30° to 150°F (-34° to 65°C)

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

Particle removal:

Down to 0.01 µm

Air quality:

Maximum remaining oil content of air leaving the filter: 0.01ppm at 70°F (21°C) with an inlet oil concentration of 17 ppm.

Nominal bowl size:

1 fluid ounce (31 ml)

Drain connection:

1/8" male pipe thread

Automatic drain operation:



Spitter type drain operates momentarily when a rapid change in air flow occurs or when the supply pressure is reduced.

Materials

Body: zinc
 Bowl: Transparent: polycarbonate
 Metal: Zinc
 Element: Synthetic fiber and polyurethane foam
 Elastomers: nitrile, chloroprene

Ordering information

Models listed include PTF threads, automatic drain and transparent bowl.

ISO Symbols	Port Size	Model Numbers	Saturated Flow* scfm (dm ³ /s)	Dry Flow scfm (dm ³ /s)	Weight lbs (kg)	Element Kit**
 Auto Drain	1/8"	F39-100-A0TA	6.0 (2.8)	11.2 (5.3)	0.28 (0.13)	4141-10
 Manual Drain	1/4"	F39-200-A0TA	6.4 (3.0)	12.2 (5.8)	0.28 (0.13)	4141-10

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

** Includes element and O-rings

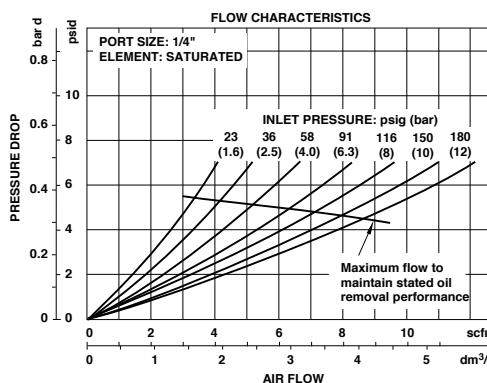
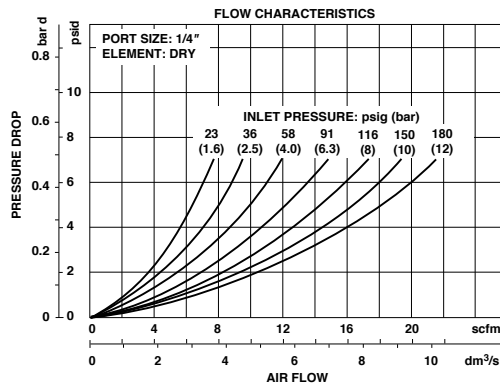
Alternative Models

Port Size	Substitute
1/8"	1
1/4"	2

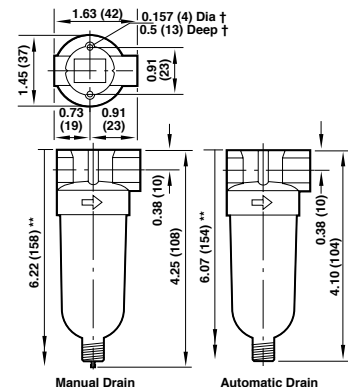
F39-★00-★0★

Threads	Substitute
PTF	A
ISO G parallel	G
Bowl	Substitute
Transparent	T
Metal	M
Drain	Substitute
Automatic	A
Manual	M

Typical Performance Characteristics



Dimensions in inches (mm)



** Minimum clearance to remove bowl.
 † Mounting holes.