

**Compact design**

**Protects air operated devices by removing liquid and solid contaminants**

**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 175°F (-34° to 80°C)  
 \* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

**Particle removal:**

5 µm or 40 µm filter element  
 Drain connection: 1/8" male pipe thread

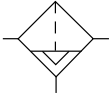
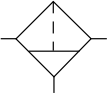
**Materials**

Body: zinc  
 Transparent bowl: polycarbonate  
 Metal bowl: zinc (without sight glass)  
 Element: sintered polypropylene  
 Elastomers: chloroprene, nitrile



**Ordering information**

Models listed include PTF threads, automatic drain, transparent bowl and 5 µm element.

ISO Symbols	Port Size	Model Numbers	Flow scfm (dm <sup>3</sup> /s) *	Weight lbs (kg)	Service kit**
 	1/8"	F07-100-A1TA	19 (9)	0.28 (0.13)	3652-17
	1/4"	F07-200-A1TA	24 (11.5)	0.28 (0.13)	3652-17

\* Approximate flow at 90 psig (6.3 bar) inlet pressure and 5 psig (0.35 bar) pressure drop.  
 \*\* Service kit includes element, element gasket, and bowl o-ring.

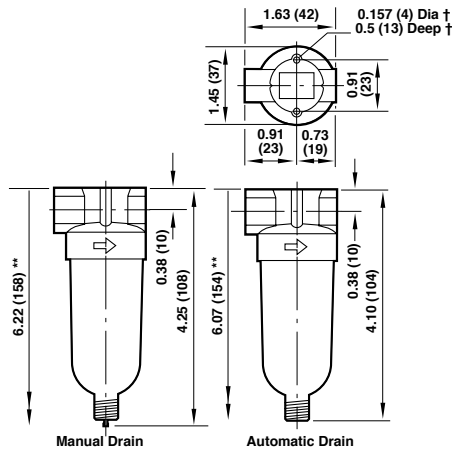
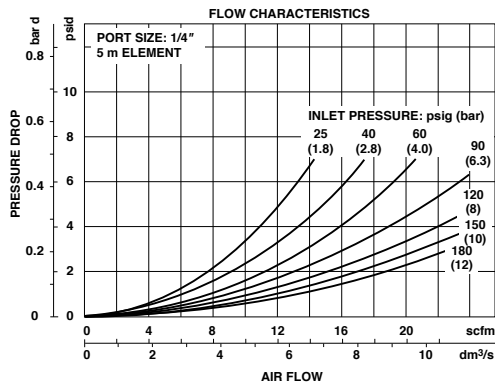
**Alternative Models**

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

**F07-★00-★ ★ ★ ★**

Threads	Substitute
PTF	A
ISO G parallel	G
Bowl	Substitute
Transparent	T
Metal	M
Element	Substitute
5 µm	1
40 µm	3
Drain	Substitute
Automatic	A
Manual	M

**Typical Performance Characteristics**



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

Dimensions in inches (mm)