

F07

Miniature Series 07 General Purpose Filter

1/8" and 1/4" Port Sizes

Compact design

Protects air operated devices by removing liquid and solid contaminants

Technical data

Fluid:

Compressed air

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

Air quality:

Within ISO 8573-1, Class 3 and Class

5 (particulates)

Drain connection:

1/8" male pipe thread

Materials

Body: zinc

Transparent bowl: Polycarbonate

Metal bowl: Zinc (without sight glass)

Element: sintered polypropylene

Elastomers: neoprene & nitrile



Ordering Information

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

Port Size	Model Numbers	Flow scfm (dm ³ /s) *	Weight lbs (kg)	Replacement elements	Service kit**
1/8"	F07 100 A1TA	19 (9)	0.28 (0.13)	3652-17 (5µm)	3652-17
1/4"	F07 200 A1TA	24 (11.5)	0.28 (0.13)	3652-18 (40µm)	3652-18

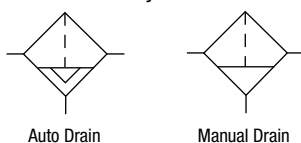
* Approximate flow at 90 psig (6.3 bar) inlet pressure and 5 psig (0.35 bar) pressure drop.

** Service kit includes element, element gasket, and bowl o-ring.

Alternative Models

Port Size	Substitute	Threads	Substitute	Bowl	Substitute	Element	Substitute	Drain	Substitute
1/8"	1	PTF	A	Transparent	T	5 µm	1	Automatic	A
1/4"	2	ISO G parallel	G	Metal	M	40 µm	3	Manual	M

ISO Symbols



Typical Performance Characteristics

