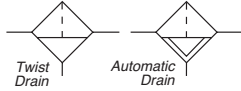


14F Particulate Filters – Miniature

- Excellent water removal efficiency
- Unique deflector plate that creates swirling of the air stream ensuring maximum water and dirt separation
- Easily disassembled for servicing without the use of tools
- 5 micron element standard
- Interchangeable twist and automatic pulse drains
- 1/8" & 1/4" ports (NPT, BSPP & BSPT)



Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
Auto pulse drain		10 to 250 psig (0.7 to 17.2 bar)
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)
Auto pulse drain		125°F (52°C) or less
Flow capacity†:		
High flow	1/8"	22 scfm (10.4 dm³/s, ANR)
	1/4"	24 scfm (11.3 dm³/s, ANR)
Bowl capacity:		1 oz.
Auto pulse drain tube barb		1/8 inch
Weight:		0.41 lb (0.18 kg)

Port Size	Description ‡	Part Number
1/8"	Poly Bowl, Twist Drain	14F01BB
1/8"	Metal Bowl, Twist Drain	14F03BB
1/8"	Poly Bowl, Auto Pulse Drain	14F05BB
1/8"	Metal Bowl, Auto Pulse Drain	14F07BB
1/4"	Poly Bowl, Twist Drain	14F11BB
1/4"	Metal Bowl, Twist Drain	14F13BB
1/4"	Poly Bowl, Auto Pulse Drain	14F15BB
1/4"	Metal Bowl, Auto Pulse Drain	14F17BB

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

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

Ordering Information:

14F	1	1	B	B	
Port Size 1/8 inch 0 1/4 inch 1		Bowl Options Poly Bowl, Twist Drain 1 Poly Bowl, Automatic Pulse Drain 5 Metal Bowl, Twist Drain 3 Metal Bowl, Automatic Pulse Drain 7		Port Type Blank NPT 1 BSPP 2 BSPT	
		Engineering Level B Current		Element A 40 Micron B 5 Micron Z Adsorber	

Most popular.



For inventory, lead times, and kit

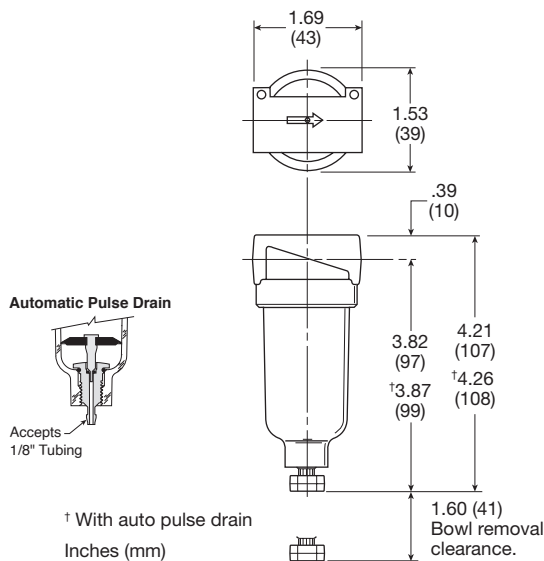
MINIATURE PARTICULATE FILTERS

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl without sight gauge	Zinc
Deflector, element holder & baffle	Plastic
Twist drain, body & stem	Plastic
Twist drain, seals	Nitrile
Auto pulse drain, piston & seals	Nitrile
Auto pulse drain, stem, seat, adaptor & washers	Aluminum
Element	Plastic
Adsorber (optional)	Activated charcoal
Seals	Nitrile

Repair and Service Kits

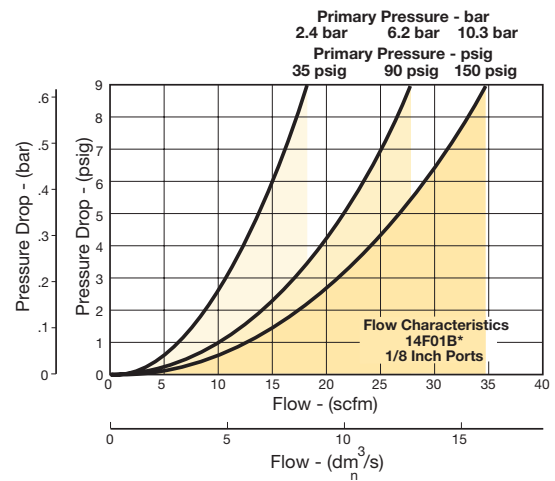
Poly bowl / auto pulse drain	PS408BP
Poly bowl / twist drain	PS404P
Metal bowl / auto pulse drain	PS451BP
Metal bowl / twist drain	PS447BP
40 Micron element	PS401P
5 Micron element	PS403P
5 Micron cartridge kit	PS407P
Adsorber element	PS452P
Mounting bracket kit	PS417BP



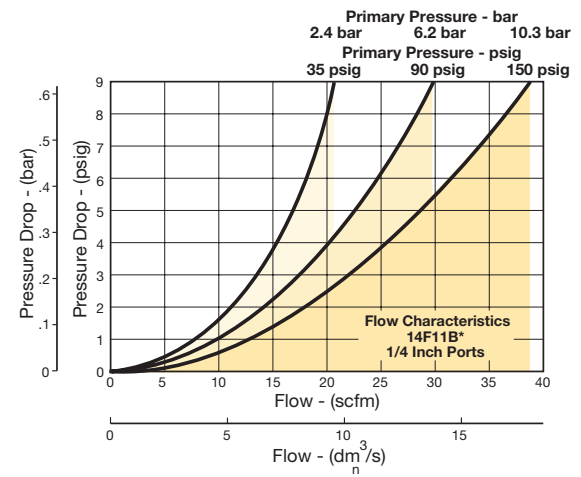
MINIATURE / INLINE

Flow Charts

14F 1/8" Particulate Filter



14F 1/4" Particulate Filter



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Miniature / Inline
Products



For inventory, lead times, and kit

J7

Parker Hannifin Corporation
Pneumatic Division