

Miniature Particulate Filters



FEATURES

- 20 micron sintered bronze element
- High strength, recleanable
- 1 oz. polycarbonate bowl
- Manual twist drain

OPTIONS

add suffix to part number in alpha and numeric order

Overnight Drains

An overnight drain operates when a compressed air system is shut down. It clears accumulated condensate from a filter bowl when pressure falls to 3 psig or less. It then closes when pressure rises to 6 psig.

- J Overnight drain for polycarbonate bowl F300-01J
Push to manually drain.
- K Overnight drain for metal bowl F300-01KM
Twist to manually drain.
- M Metal bowl F300-01M
- Z Piston drain F300-01Z
- 5 5 micron element F300-01-5

SPECIFICATIONS

WARNING! Polycarbonate plastic bowls could rupture if exposed to incompatible chemicals whether inside or outside the bowl. If such chemicals are present, use a metal bowl.

Polycarbonate Bowl

- Max. pressure 150 psig
- Operating temperature range 40°F to 125°F

Metal Bowl

- Black coated aluminum
- Max. pressure 250 psig
- Operating temperature range 40°F to 175°F

Piston Drain

Note: Z option is differential drain which opens & ejects water only when a differential pressure is created at the start of air flow. The piston drain lifts up (approx. 1 second) & closes, it will not operate again until the flow stops, then starts back up again.

- Max. pressure 175 psig
- Operating temperature range 40°F to 175°F

Body black coated zinc

Baffle plastic

Seals Buna N

Elements

- 20 micron sintered bronze
- 5 micron sintered bronze

KITS

Bowl Kits

- Polycarbonate BKF300
- Polycarbonate with overnight drain BKF300J
- Metal BKF300M

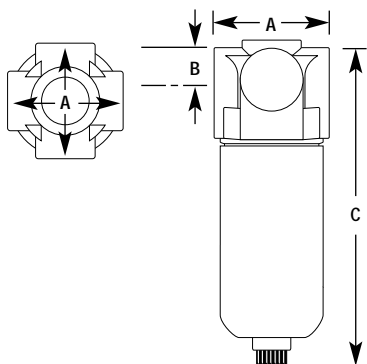
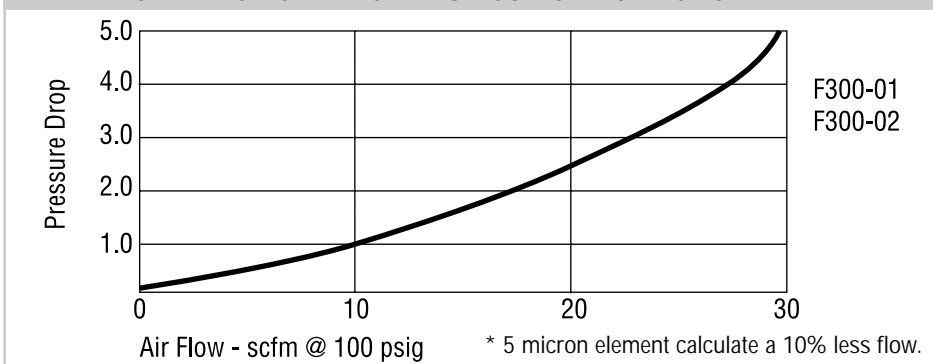
Element Kits

- 20 micron 2-pack EKF300
- 5 micron 2-pack EKF300-5

Drain Kit

- Piston drain kit PKF300
- Mounting Bracket FBK3

PERFORMANCE CHARACTERISTICS FOR 20 MICRON ELEMENT



DIMENSIONS

PIPE SIZE	MODEL NO.	MAX. FLOW SCFM*	BOWL CAPACITY	DIMENSIONS (INCHES)			WEIGHT (LBS.)
				A	B	C	
1/8"	F300-01	27	1 oz.	1 1/2	1/2	4 5/8	.5
1/4"	F300-02	27	1 oz.	1 1/2	1/2	4 5/8	.5

* Flow scfm based on 5.0 psi Δ p @ 100 psig inlet.