

## Miniature Coalescing Filters



### SPECIFICATIONS

#### 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.

- Operating pressure range 30 to 175 psig
- Operating temperature range 40°F to 120°F

#### Body

- Black coated aluminum

### Elements

- .03 micron borosilicate glass fiber  
D.O.P. Efficiency: 99.97%, Particle size removal, Remaining oil content by wt.: .015 PPM
- .01 micron borosilicate glass fiber  
D.O.P. Efficiency: 99.999%, Particle removal size, Remaining oil content by wt.: .0005 PPM

### KITS

- Piston drain . . . . . PKF300
- Overnight Metal (K). . . . . CKFK

### Bowl Kits

- 1 oz. poly. bowl. . . . . BKF300
- 1 oz. poly. bowl with piston drain. . . . . BKF300J
- 1 oz. metal bowl . . . . . BKF300M
- 1 oz. metal bowl with overnight drain . . . . . BKF300KM

### Element Kits

- .03 micron 2-pack. . . . . EKF500  
Clear net or no color
- .01 micron 2-pack. . . . . EKF500A  
Red net or dot

### Mounting Kit see page 65

- Mounting kit . . . . . FBK3

### FEATURES

- .03 micron fiber element
- 1 oz. polycarbonate bowl
- Manual twist drain

### OPTIONS

add suffix to part number in alpha order

A .01 micron element . . . . . F500-02A

#### Overnight Drains

When a compressed air system is shut down, an overnight drain clears accumulated condensate from a filter bowl when the pressure falls to 3 psig or less.

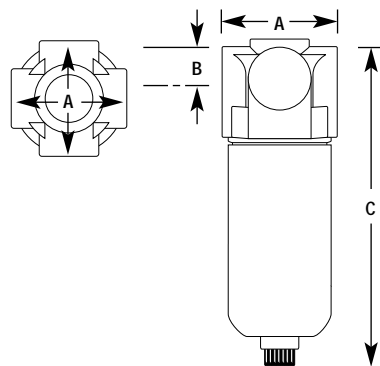
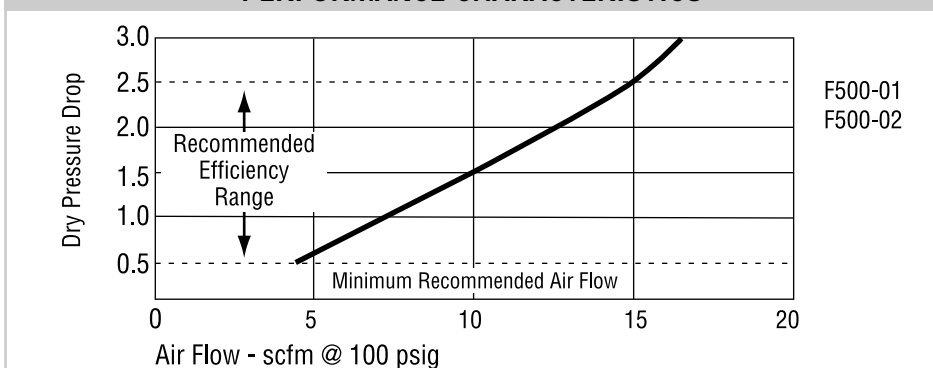
J Overnight drain for polycarbonate bowl . . . . . F500-02J  
*Push to manually drain.*

K Overnight drain for metal bowl . . . . . F500-02KM  
*Twist to manually drain.*

M Metal bowl . . . . . F500-02M

Z Piston drain . . . . . F500-02Z

### PERFORMANCE CHARACTERISTICS



### DIMENSIONS

PIPE SIZE	MODEL NO.	MAX. FLOW SCFM*	BOWL CAPACITY	DIMENSIONS (INCHES)			WEIGHT (LBS.)
				A	B	C	
1/8"	F500-01	15	1 oz.	1 1/2	1/2	4 1/2	.5
1/4"	F500-02	15	1 oz.	1 1/2	1/2	4 1/2	.5

\* Flow scfm based on 2.5 psi Δ p @ 100 psig inlet.