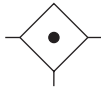


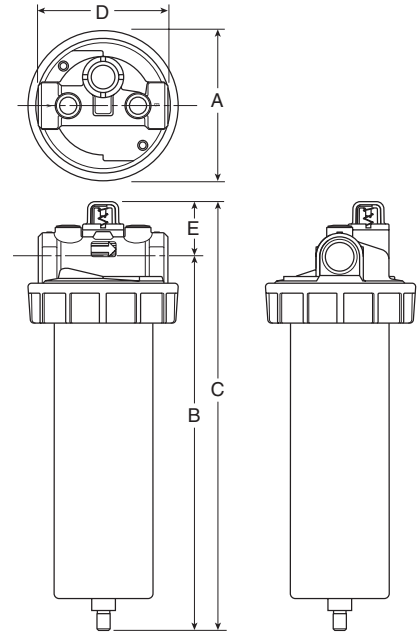
F701 Coalescing Filters



Features

- Removes liquid aerosols and sub-micron particles.
- Protects pneumatic systems from contamination that standard particulate filters will not catch.
- Two different grade elements available.
- Differential pressure indicator (pop-up) standard.
- Differential pressure gauge optional.
- High flow design.

Note: All coalescing filters should be protected by a particulate filter (i.e., F602, or other) installed upstream.



Port Size	Grade 6		Grade 10	
	Flow (SCFM)*	Part Number	Flow (SCFM)*	Part Number
Metal Bowl 32 oz.				
3/4"	95	F701-06E3P	158	F701-06E7P
1"	95	F701-08E3P	158	F701-08E7P
Metal Bowl 100 oz.				
3/4"	170	F701-06L3P	285	F701-06L7P
1"	170	F701-08L3P	285	F701-08L7P

F701 Coalescing Filter Dimensions						
Port Size	Bowl Capacity	A	B	C	D	E
3/4 & 1 Inch (E)	32 oz.	4.95 (126)	11.77 (299)	13 (330)	4.00 (101)	1.23 (31)
3/4 & 1 Inch (L)	100 oz.	4.95 (126)	21.39 (543)	22.63 (575)	4.00 (101)	1.23 (31)

"G" Differential Pressure Gauge add 2.00 (50.8) to C & E.
 "Q" External Auto Drain add 1.70 (43.1) to B & C.

inches (mm)

* Dry media flow. For wet media info see table on next page.

Ordering Information



Port Threads — NPT G BSPP	Port Size 06 3/4 Inch 08 1 Inch	Bowl E Metal without Sight Gauge 32 oz. L Metal without Sight Gauge 100 oz.	Element 3 Grade 6 7 Grade 10	Element Service Indicator Blank None P Pop-up Style G Differential Pressure Gauge	Bowl Drains Blank Manual Twist Drain T High Pressure Internal Auto Drain Q* External Auto Drain R Low Pressure Internal Auto Drain	Engineering Level * Will be Entered at Factory **Q* Option Not Available with Bowl Option "L".
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BOLD ITEMS ARE MOST POPULAR.

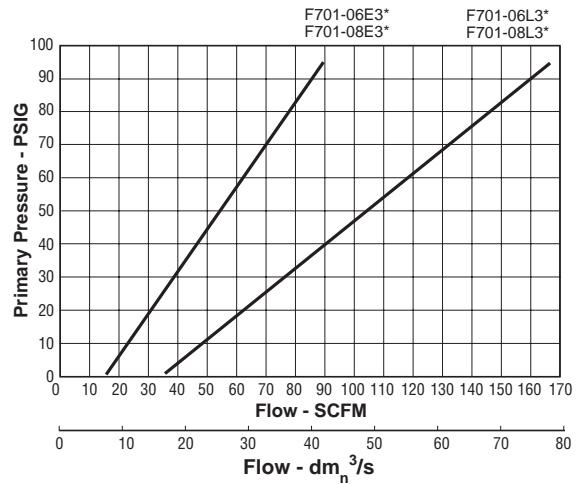


Technical Information

Media Specifications

Grade	D.O.P. Coalescing Efficiency 0.3 to 0.6 Micron Particles	Maximum Oil Carryover ¹ PPM w/w	Pressure Drop (PSID) ² @ Rated Flow	
			Media Dry	Media Wet With 10-20 wt. oil
6	99.97%	0.008	1.0	2-3
10	95%	0.85	0.5	0.5

¹ Tested per BCAS 860900 at 40 ppm inlet.
² Add dry + wet for total pressure drop.
 D.O.P. = Dioctylphthalate



F701 Filter Kits & Accessories

Mounting Bracket –

Port Size

- 3/4 (Pair of Pipe Mounted Brackets)..... SA200AW57
- 1 (Pair of Pipe Mounted Brackets)..... SA200CW57

Bowl Kit –

Port Size

- 3/4, 1 Inch (E) 32 oz.....BK603B
- 3/4, 1 Inch (L) 100 oz..... BK603C

Differential Pressure Pop Up Indicator Repair Kit RK701P
 (only works with originally equipped units)

Differential Pressure Gauge DP276-P
 (only works on units without pop-up indicator)

Drain Kits –

- Internal Automatic Drain - High Pressure (T) SA702MD
- Manual Twist Drain SA600Y7-1

Filter Element Kits –

Port Size / Grade 6

- 3/4, 1 Inch (E) 32 oz.....F701-C3-0773
- 3/4, 1 Inch (L) 100 oz.....F701-C3-0774

Port Size / Grade 10

- 3/4, 1 Inch (E) 32 oz.....F701-C7-0773
- 3/4, 1 Inch (L) 100 oz.....F701-C7-0774

Specifications

Operation –

- Maximum Recommended Pressure Drop10 psig
 (element should be replaced)
- Normal Operating Pressure Drop (Dry).....2 psig
- Normal Operating Pressure Drop (Wet)5 psig

() = Bowl Type

Minimum Recommended Flow – 20% of Rated Flow

Maximum Pressure (Manual Drains) – 0 to 300 psig (0-20 bar)

Maximum Pressure (Auto Drains) –

- “R” Drain (Low Pressure Internal)..... 175 psig (12 bar)
- “T” Drain (High Pressure Internal) 250 psig (17 bar)
- “Q” Drain (External) 250 psig (17 bar)

Maximum Temperature32°F to 150°F (0°C to 65°C)
 Maximum temperature with “T”, “R”, or “Q” Drains 125°F (52°C)

Weight –

- 3/4 & 1 Inch (E) 32 oz......5 lb. (2.3 kg)
- 3/4 & 1 Inch (L) 100 oz......8 lb. (3.6 kg)

Materials of Construction

Body & Flange RingZinc

Bowl –

Metal Bowl (E) (L)..... Aluminum

Drains –

- Auto Float Drain –
- Housing “R”, “T” (Internal)..... Acetal
- Housing “Q” (External)..... Bronze
- Manual Twist Drain Brass

Seals & Float Buna N

SpringsStainless Steel

Elements (Media) Borosilicate Fibers & Felt

Element End CapsUrethane

Seals Buna N

C	Product Selection
Filters	Coalescers
Regulators	Filter / Regulators
Lubricators	Compos
Accessories	