

**Excelon 74 Oil Vapor Removal  
Filter 3/8", 1/2", 3/4" Port Sizes**

- Excelon design allows in-line or modular installatio
- Adsorbing type activated carbon element removes oil vapors and most hydrocarbon odors
- Quick release bayonet bowl
- Long service life of filter element. Minimum life of 400 hours when an oil removal filter is installed upstream and the filtration temperature is in the region of 70° to 80°F (20° to 26°C).
- Modular installations with Excelon 72, 73, and 74 series can be made to suit particular applications



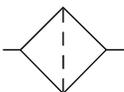
**Ordering Information.** Models listed include PTF threads and a closed bottom metal bowl.

Port Size	Model	Flow* scfm (dm <sup>3</sup> /s)	Weight lb (kg)
3/8"	F74V-3AN-EMA	27 (13)	2.54 (1.15)
1/2"	F74V-4AN-EMA	27 (13)	2.51 (1.14)
3/4"	F74V-6AN-EMA	27 (13)	2.46 (1.12)

\* Maximum flow with 90 psig (6.3 bar) inlet pressure to maintain stated oil vapor removal performance.

**Alternative Models**

		F 7 4 V - ★ ★ ★ - ★ ★ ★				
Port Size	Substitute				Element	Substitute
3/8"	3				Adsorbing (Activated carbon without color indicator)	A
1/2"	4					
3/4"	6				Bowl	Substitute
Threads	Substitute				Metal	M
PTF	A				Transparent with guard	P
ISO Rc taper	B					
ISO G parallel	G				Drain	Substitute
Options	Substitute				Closed bottom (no drain)	E
No options	N					

**ISO Symbols**

**Auto Drain**
**See Section ALE-25 for Accessories**

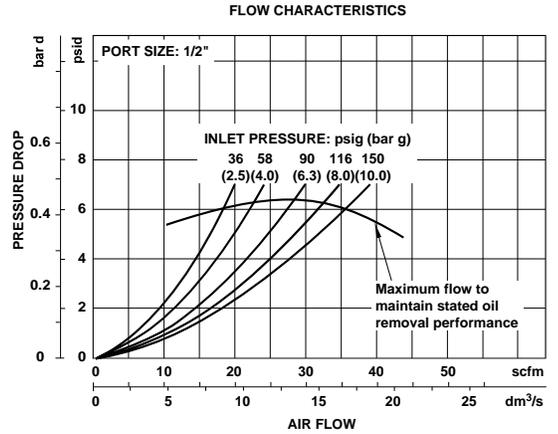


**Technical Data**

Fluid: Compressed air  
 Maximum pressure:  
     Transparent bowl: 150 psig (10 bar)  
     Metal bowl: 250 psig (17 bar)  
 Operating temperature\*:  
     Transparent bowl: 0° to 125°F (-20° to 50°C)  
     Metal bowl: 0° to 150°F (-20° to 65°C)  
 \* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)  
 Air quality: Within ISO 8573-1, Class 1 \*\* (oil content) when installed downstream of an oil removal filter  
 \*\* See ALE-1-G for specification details.  
 Maximum remaining oil content in outlet air: 0.003 ppm at 70°F (20°C)  
 Maximum flow at 90 psig (6.3 bar) inlet pressure to maintain stated oil removal performance: 27 scfm (13 dm<sup>3</sup>/s)  
 Nominal bowl size: 7 fluid ounce (0.2 liter)  
 Required prefilter: Oil removal filter with equivalent pipe size and flow capacity equal to or greater than the vapour removal filter.

**Materials**  
 Body: Aluminum  
 Bowl:  
     Transparent: Polycarbonate with steel bowl guard  
     Metal: Aluminum  
 Element: Activated carbon and aluminum  
 Elastomers: Neoprene and Nitrile

**Typical Performance Characteristics**

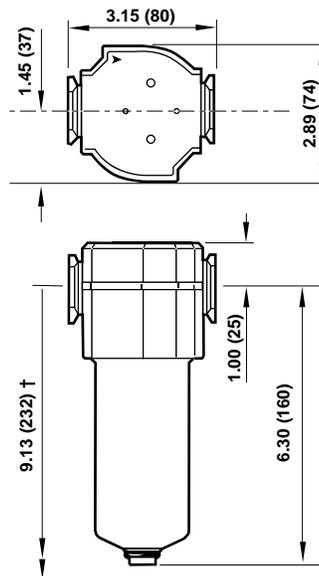


**Service Kits**

Item	Type	Part Number
Service kit	Seal and Gasket	4380-750
Replacement element	Adsorbing	4341-01

Service kit includes element seal and bowl seal.

All Dimensions in Inches (mm)



† Minimum clearance required to remove bowl.

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