

- Excelon design allows in-line or modular installation with other 72, 73, and 74 Series products.
- High efficiency water and particle removal. Particle removal per ISO 8573-1, Class 5 and Class 3. See Technical Data.
- Highly visible, prismatic liquid level indicator lens
- Optional mechanical service indicator turns from green to red when the filter element needs to be replaced.
- Optional electrical service indicator provides electrical output when the filter element needs to be replaced.
- Quick release bayonet bowl
- Patented quarter turn manual drain



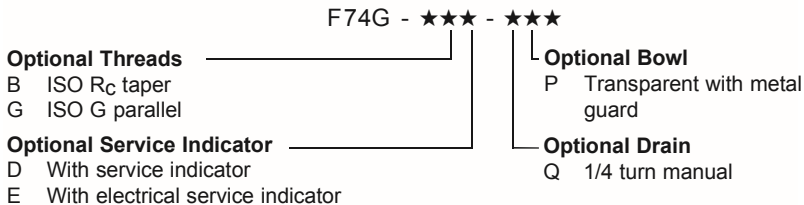
Ordering Information

Standard Models

Port Size PTF	Weight lbs. (kg)	Flow * scfm (dm ³ /s)	Model Numbers - Without service indicator: Includes automatic drain and metal bowl with liquid level indicator.	
			40µm Element.	5µm Element.
3/8"	1.82 (0.83)	120 (57)	F74G-3AN-AD3	F74G-3AN-AD1
1/2"	1.79 (0.81)	150 (71)	F74G-4AN-AD3	F74G-4AN-AD1
3/4"	1.75 (0.79)	150 (71)	F74G-6AN-AD3	F74G-6AN-AD1

* Approximate flow with 40 µm element at 100 psig (6.9 bar) inlet pressure and 5 psid (0.3 bar) pressure drop.

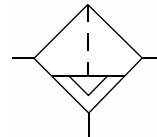
Options - Select the desired filter from the preceding order table, then change the model number as shown in the following diagram to obtain the desired option. Also see **Product Numbering Chart** on page 76 for additional options.



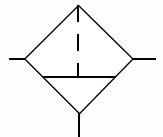
Service Kits

Seal and gasket kit: 4380-700
 Liquid level indicator repair kit: 4380-050
 Filter element, 5µm: 4338-04
 Filter element, 40µm: 4338-05
 Manual drain: 619-50
 Automatic drain: 3000-10

ISO Symbols

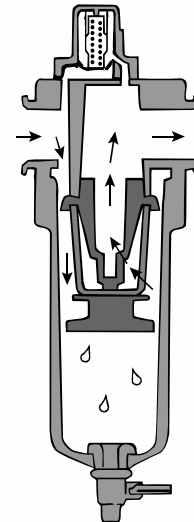


Automatic Drain



Manual Drain

Operation



For accessories see pages 72 thru 75.



Technical Data

Fluid: Compressed air
 Maximum inlet pressure –
 Transparent bowl: 150 psig (10.3 bar)
 Metal bowl: 250 psig (17.2 bar)
 Operating temperature* –
 Transparent bowl: 0° to 125°F (-18° to 50°C)
 Metal bowl: 0° to 175°F (-18° to 79°C)
 *Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C.)
 Particle removal: 5µm, 25µm, or 40µm filter element
 Air quality: Within ISO 8573-1, Class 3 and Class 5 (particulates)
 Manual drain connection: 7/16-24 UNS male (for 1/4" tube nut and ferrule)
 Automatic drain connection: Accepts 1/8 PTF
 Automatic drain operating conditions: Float operated
 Bowl pressure required to close drain: Greater than 5 psig (0.3 bar)
 Bowl pressure required to open drain: Less than 3 psig (0.2 bar)
 Minimum air flow required to close drain: 2.0 scfm (1.0 dm³/s)
 Manual operation: Depress pin inside drain outlet to drain bowl.

NOTE

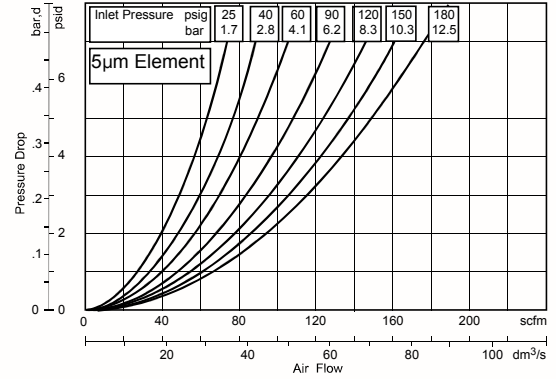
Water vapor will pass through these units and could condense into liquid form downstream as air temperature drops. Install a Norgren air dryer if water condensation could have a detrimental effect on the application.

Materials

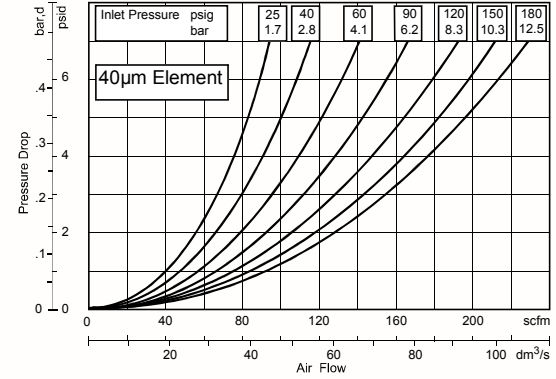
Body: Aluminum
 Bowl –
 Transparent: Polycarbonate with zinc bowl guard
 Metal: Aluminum
 Metal bowl liquid level indicator lens: Transparent nylon
 Element: Sintered polypropylene
 Elastomers: Nitrile and neoprene
 Optional service indicator –
 Body: Transparent nylon
 Internal parts: Acetal
 Spring: Stainless steel
 Elastomers: Nitrile

Performance Characteristics

Flow Curve, F74G
 Port Size: 1/2"



Flow Curve, F74G
 Port Size: 1/2"



Dimensions in Inches (mm)

* Minimum clearance required to remove bowl.

