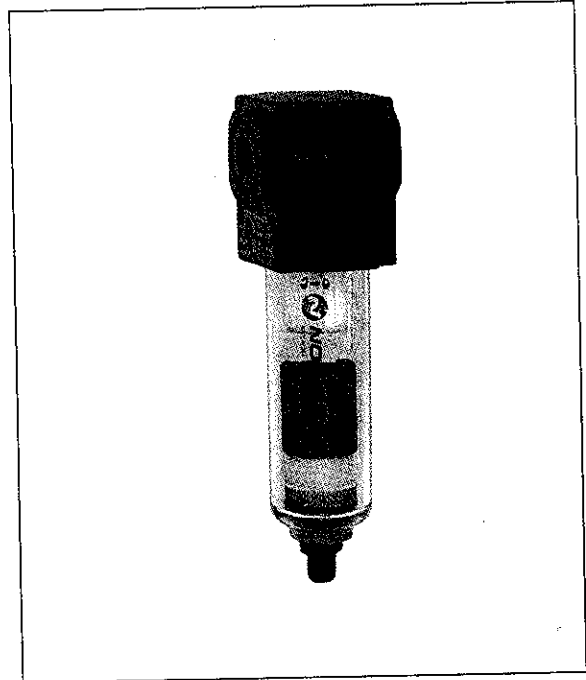


**Excelon 72 General Purpose Filter  
1/4" and 3/8" Port Sizes**

- Excelon design allows in-line or modular installation
- High efficiency water and particle removal
- Quick release bayonet bowl
- Highly visible, prismatic liquid level indicator lens on metal bowls
- Optional service indicator turns from green to red when the filter element needs to be replaced
- Optional electrical service indicator also available
- Modular installations with Excelon 72, 73, and 74 series can be made to suit particular applications



**Ordering Information.** Models listed include PTF threads, automatic drain, long transparent bowl without guard, 40 µm element. Models do not include the service life indicator.

Port Size	Model	Flow† scfm (dm³/s)	Weight lb (kg)
1/4"	F72G-2AN-AL3	55 (26)	1.15 (0.52)
3/8"	F72G-3AN-AL3	55 (26)	1.15 (0.52)

† Typical flow with a 40µm element at 90 psig (6.3 bar) inlet pressure and 5 psig (0.35 bar) pressure drop.

**Alternative Models**

F 7 2 G - \* \* \* - \* \* \*

Port Size	Substitute
1/4"	2
3/8"	3

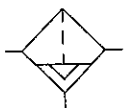
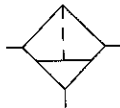
Threads	Substitute
PTF	A
ISO Rc taper	B
ISO G parallel	G

Service Life Indicator	Substitute
With (visual)	D
With (electrical)	E
Without	N

Element	Substitute
5 µm	1
25 µm	2
40 µm	3

Bowl	Substitute
Metal with liquid level indicator	E
Transparent without guard	L
Transparent with guard	W

Drain	Substitute
1/4 turn manual	Q
Semi automatic	S
Auto drain*	A

**ISO Symbols**

**Auto Drain**

**Manual Drain**
**See Section ALE-24 for Accessories**



**Technical Data**

Fluid: Compressed air

Maximum pressure:

Transparent bowl: 150 psig (10 bar)

Metal bowl:

Manual or semi automatic drain: 250 psig (17 bar)

Automatic drain: 150 psig (10 bar)

Operating temperature\*:

Transparent bowl: -30° to 125°F (-34° to 50°C)

Metal bowl: -30° to 150°F (-34° to 65°C)

\* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).

Particle removal: 5 µm, 25 µm or 40 µm. Within ISO 8573-1, Class 3 and Class 5

Typical flow at 90 psig (6.3 bar) inlet pressure and 5 psig (0.35 bar) pressure drop:

5 µm element: 47 scfm (22 dm³/s)

40 µm element: 55 scfm (26 dm³/s)

Manual drain connection: Will fit 1/8-27 and 1/8-28 pipe thread.

Semi automatic drain connection: Push on 5/16" (8 mm) ID tube

Semi automatic drain operating conditions (pressure operated):

Bowl pressure required to close drain: Greater than 1.5 psig (0.1 bar)

Bowl pressure required to open drain: Less than 1.5 psig (0.1 bar)

Minimum air flow required to close drain: 1 scfm (0.5 dm³/s)

Manual operation: Lift stem to drain bowl

Automatic drain connection: Will fit 1/8-27 and 1/8-28 pipe thread. - Flexible tube with 3/16" (5mm) minimum I.D. can be connected to the automatic drain. Drain may fail to operate if the tube I.D. is less than 3/16" (5mm). Avoid restrictions in the tube.

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: Greater than 5 psig (0.35 bar)

Bowl pressure required to open drain: Less than 3 psig (0.2 bar)

Minimum air flow required to close drain: 0.2 scfm (0.1 dm³/s)

Manual operation: Depress pin inside drain outlet to drain bowl

Nominal bowl size:

Long bowl: 2.2 fluid ounce (65 ml)

Materials

Body: Zinc

Bowl

Transparent: Polycarbonate

Guard for transparent bowl: Zinc

Metal: Zinc

Metal bowl liquid level indicator lens:

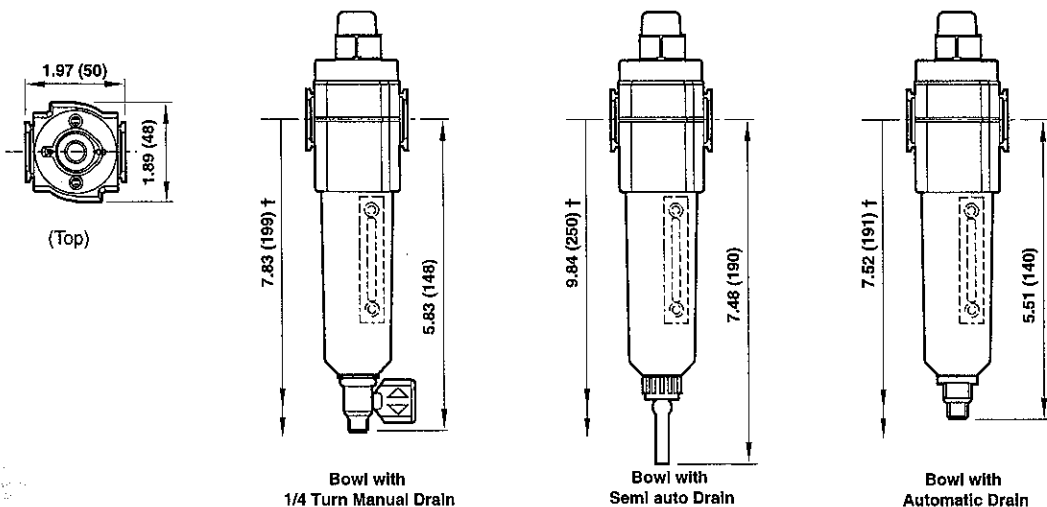
Transparent nylon

Element: Sintered polypropylene

Elastomers: Neoprene and nitrile

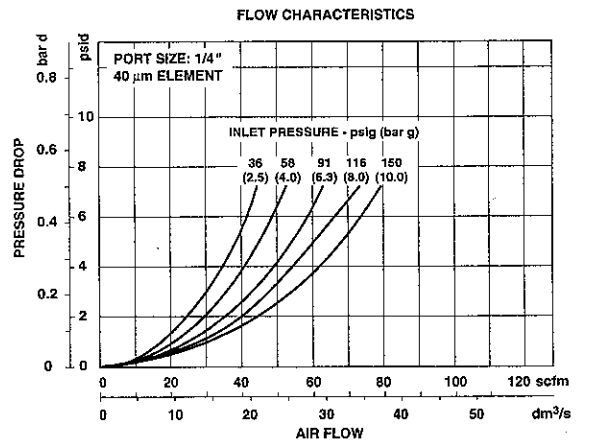
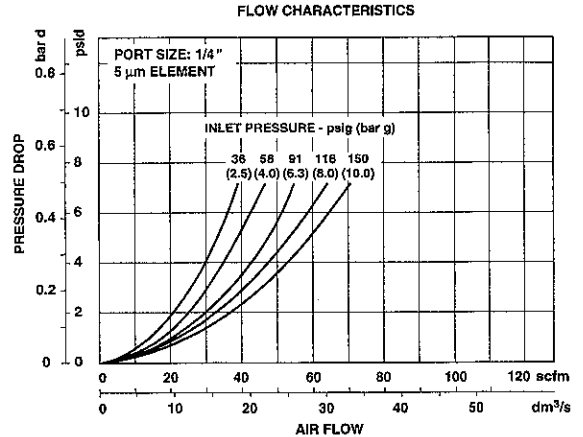
An automatic drain is a two-way valve, which will close when the system is pressurized. The drain opens when the float rises due to accumulated liquid and on depressurization.

All Dimensions in Inches (mm)



† Minimum clearance required to remove bowl.

**Typical Performance Characteristics**



**Service Kits**

Item	Type	Part Number
Service kit	Seal and gasket	4380-500
Elements	5 µm	5925-03
	25 µm	5925-01
	40 µm	5925-02
Liquid level lens kit	Prismatic	4380-030
Replacement drains	1/4 turn manual	619-50
	Semi automatic	5379-RK
	Automatic	4000-50R

Service kit includes drain and bowl o-rings.