

Excelon® Modular System F72G, F73G, F74G General Purpose Filters

- Excelon® design allows in-line or modular installation with other Excelon® products
- Quick release bayonet bowl
- Highly visible prismatic liquid level indicator lens on metal bowls



Technical data

Fluid:

Compressed air, neutral gases
NOTE: Contact technical support for use with other media.

Maximum pressure:

Transparent bowl:
150 psig (10 bar)
Metal bowl: 250 psig (17 bar)
F72G w/metal bowl and automatic drain: 150 psig (10 bar)

Operating temperature*:

Transparent bowl: -30° to 125°F
(-34° to 50°C)
Metal bowl:
(72) -30° to 150°F (-34° to 66°C)
(73, 74) -30° to 175°F (-34° to 80°C)
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

Materials

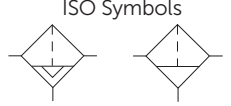
F72G
Body: zinc
Transparent bowl: polycarbonate
Metal bowl: zinc
Metal bowl liquid level indicator lens: transparent nylon
Element: sintered polypropylene
Elastomers: chloroprene and nitrile

F73G & F74G:

Body: aluminum
Transparent bowl: polycarbonate
Transparent with guard: polycarbonate, aluminum guard
Metal bowl: aluminum
Metal bowl liquid level indicator lens: transparent nylon
Element: sintered polypropylene
Elastomers: chloroprene and nitrile

Ordering information

Models listed include PTF threads, automatic drain, metal bowl with liquid level indicator, and a 40 µm element.

Symbol	Port size	Model	Flow† scfm (dm³/s)	Weight lb (kg)
 Automatic Manual Drain	1/4"	F72G-2AN-AE3	55 (26)	1.15 (0.52)
	3/8"	F73G-3AN-AD3	65 (31)	1.1 (0.50)
	1/2"	F74G-4AN-AD3	140 (66)	1.79 (0.81)
	3/4"	F74G-6AN-AD3	140 (66)	1.75 (0.79)

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

Option selector

F7★G-★★★★-★★★★

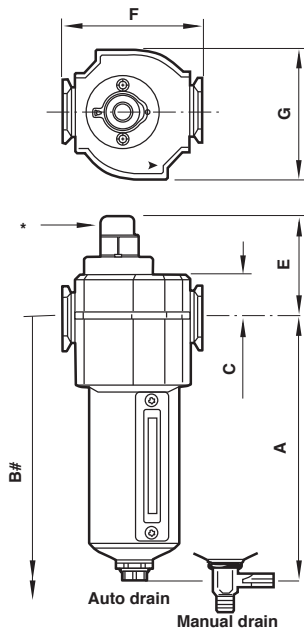
Series	Substitute	Element	Substitute
72	2	5 µm	1
73	3	40 µm	3
74	4		
Port size	Substitute	Bowl	Substitute
1/4 (72, 73)	2	Metal w/ liquid level indicator (72*, 73, 74)	D
3/8 (72, 73, 74)	3	Long metal w/ liquid level indicator (72)*	E
1/2 (73, 74)	4	Long transparent (72)*	L
3/4 (74)	6	Transparent with guard (73, 74)	P
Threads	Substitute	Transparent bowl (72*, 73)	T
PTF	A	Drain	Substitute
ISO G parallel	G	1/4 turn manual	Q
Service life indicator	Substitute	Auto drain*	A
Mechanical indicator	D		
Without	N		

* 72 Series auto drain is available only with long bowl option.

Accessories

	Wall mounting bracket*	Quikmount pipe adapters (quantity of 1) (NPT)	Quikclamp® (quantity of 1)	Quikclamp® and wall bracket (quantity of 1)	Service kit Seal and gasket	Replacement elements
F72G	4224-50	4215-02 (1/4) 4215-03 (3/8)	4214-51	4214-52	4380-500	5925-03 (5µm) 5925-02 (40µm)
F73G	4424-50	4315-01 (1/4) 4315-02 (3/8) 4315-03 (1/2) 4315-04 (3/4)	4314-51	4314-52	4380-600	4438-01 (5µm) 4438-03 (40µm)
F74G	4324-50	4315-02 (3/8) 4315-03 (1/2) 4315-04 (3/4)	4314-51	4314-52	4380-700	4338-04 (5µm) 4338-05 (40µm)

* Bracket kit does not include wall mounting screws.

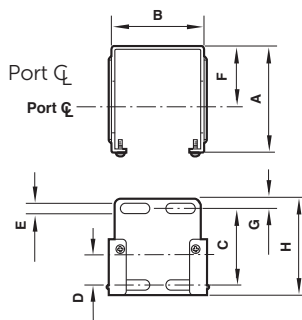


Series	Drain type	A	B	C	E	F	G
72	Auto	5.51	7.52	0.75	2.09	1.97	1.89
	Manual	5.83	7.83	0.75	2.09	1.97	1.89
73	Auto	5.80	8.15	0.98	2.36	2.68	2.44
	Manual	6.15	8.50	0.98	2.36	2.68	2.44
74	Auto	6.35	9.06	0.98	2.36	3.15	2.91
	Manual	6.95	9.69	0.98	2.36	3.15	2.91

* Optional service indicator

Minimum clearance required to remove bowl

Mounting bracket



Series	A	B	C	D	E	F	G	H
72	2.36	1.65	1.54	0.73	0.16	1.50	0.24	2.01
73	2.64	2.36	1.89	0.75	0.28	1.50	0.24	2.40
74	3.11	2.72	1.97	0.79	0.20	2.01	0.24	2.40

Dimensions in inches (mm)

