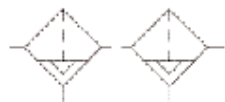


Air line equipment

Excelon modular system

F72G, F73G, F74G General purpose filters

G $\frac{1}{4}$ to G $\frac{3}{4}$



Excelon design allows in-line installation or modular installation with other Excelon products

Quick release bayonet bowl

Optional service life indicator turns from green to red when the filter element needs to be replaced

Technical data

Medium:

Compressed air only

Maximum inlet pressure:

10 bar transparent bowls

17 bar metal bowls

10 bar (F72G with metal bowl and auto drain)

Ambient temperature:

Transparent & guarded bowls:
-34°C to +50°C

F72G metal bowls: -34°C to +65°C

F73G & F74G metal bowls: -34°C to +80°C

Consult our Technical Service for use below +2°C



Port size	Flow (dm ³ /s) #	kg	Model Auto	Semi-auto	Manual	Service kit	Element (40 µm)
G1/4	30	0,45	F72G-2GN-AL3	F72G-2GN-ST3	F72G-2GN-QT3	4380-500	5925-02
G1/4	29	0,50	F73G-2GN-AT3		F73G-2GN-QT3	4380-600	4438-03
G3/8	30	0,45	F72G-3GN-AL3	F72G-3GN-ST3	F72G-3GN-QT3	4380-500	5925-02
G3/8	35	0,50	F73G-3GN-AT3		F73G-3GN-QT3	4380-600	4438-03
G3/8	68	0,83	F74G-3GN-AD3		F74G-3GN-QP3*	4380-700	4338-05
G1/2	38	0,50	F73G-4GN-AT3		F73G-4GN-QT3	4380-600	4438-03
G1/2	83	0,81	F74G-4GN-AP3		F74G-4GN-QP3*	4380-700	4338-05
G3/4	83	0,79	F74G-6GN-AP3		F74G-6GN-QP3*	4380-700	4338-05

Models listed include ISO G threads, 40 µm element. Models do not include the service life indicator.

Typical flow with 6,3 bar inlet pressure and a 0,5 bar drop from set.

* Transparent with guard

Materials

F72G:

Body: zinc

Transparent bowl: polycarbonate

Metal bowl: zinc

Liquid level indicator lens (metal bowl): transparent nylon

Element: sintered polypropylene

Elastomers: neoprene & nitrile

Optional service life indicator:

Transparent nylon body, acetal internal parts, stainless steel spring, nitrile elastomers.

F73G & F74G:

Body: aluminium

Transparent bowl: polycarbonate

Guarded transparent bowl:

polycarbonate with steel guard

Metal bowl: aluminium

Liquid level indicator lens (metal bowl): transparent nylon

Element: sintered polypropylene

Elastomers: neoprene & nitrile

Optional service life indicator:

Transparent nylon body, acetal internal parts, stainless steel spring, nitrile elastomers.

Options selector

F7★G-★★★-★★★			
Series	Substitute	Element	Substitute
72	2	5 µm	1
73	3	25 µm	2
74	4	40 µm	3
Port size	Substitute	Bowl	Substitute
1/4 (72 & 73)	2	Metal with liquid level indicator	D
3/8	3	Long metal with liquid indicator (72)	E
1/2 (73 & 74)	4	Transparent without guard (72, 73)	T
3/4 (74)	6	Long transparent without guard (72)	L*
Threads	Substitute	Long transparent with guard (72)	W*
PTF	A	Transparent with guard (73, 74)	P
ISO Rc taper	B	Drain	Substitute
ISO G parallel	G	1/4 turn manual	Q
Service life indicator	Substitute	Semi automatic	S
With (visual)	D	Auto drain*	A
With (electrical)	E		
Without	N		

* Supplied with long bowl option only

Excelon modular system

F72G, F73G, F74G General purpose filters

G $\frac{1}{4}$ to G $\frac{3}{4}$

Accessories

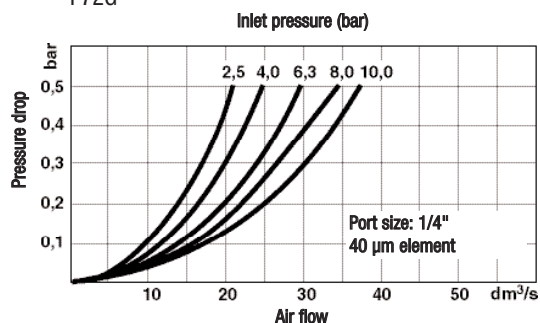
Series	Port size	Wall mounting bracket	Quikmount pipe adaptors (quantity of 1)	Quikclamp	Quikclamp and Quikclamp wall bracket	Service life indicator (visual) **	Service life indicator (electrical) **
							
F72G	G $\frac{1}{4}$	4224-50	4215-08	4214-51	4214-52	5797-50	4020-51R
	G $\frac{3}{8}$		4215-09		4213-89*		
F73G	G $\frac{1}{4}$	4424-50	4315-09	4314-51	4314-52	5797-50	4020-51R
	G $\frac{3}{8}$		4315-10		4313-50*		
	G $\frac{1}{2}$		4315-11				
	G $\frac{3}{4}$		4315-12				
F74G	G $\frac{3}{8}$	4324-50	4315-10	4314-51	4314-52	5797-50	4020-51R
	G $\frac{1}{2}$		4315-11		4313-50*		
	G $\frac{3}{4}$		4315-12				

*Bracket only.

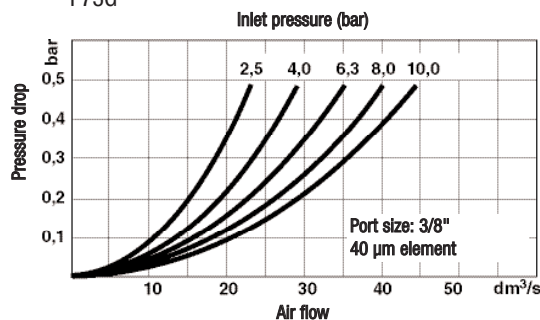
** Field replacement: cannot be retro-fitted to a standard filter

Flow characteristics

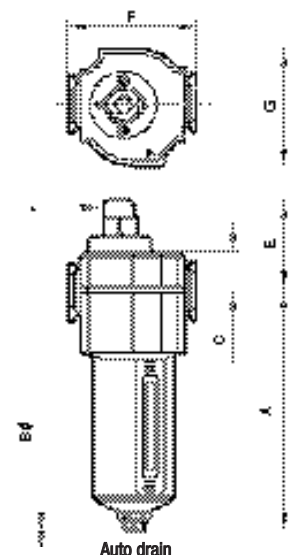
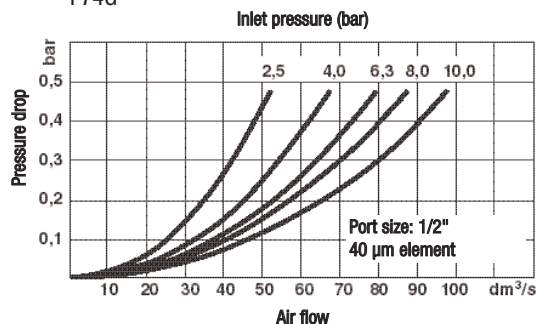
F72G



F73G



F74G

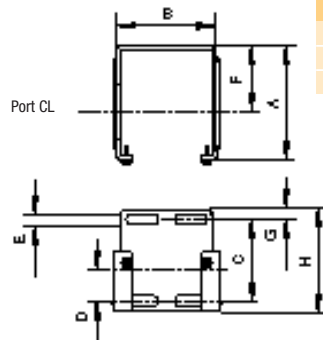


Series	Drain	A	B	C	E	F	G
72	Semi-auto	164	215	19	53	50	48
	Auto	141	192	19	53	50	48
	Manual	134	185	19	53	50	48
73	Auto	147	207	25	60	68	62
	Manual	156	216	25	60	68	62
74	Auto	161	230	25	60	80	74
	Manual	177	246	25	60	80	74

* Optional service indicator

Minimum clearance required to remove bowl

Bracket mounting



See page 454 for further details