

Excelon modular system

B72G, B73G, B74G
Filter/regulators
G 1/4 to G 3/4

Description

Medium: compressed air only
Maximum inlet pressure: 10 bar (transparent bowl)
Gauge ports: G 1/8
Ambient temperature: -20 °C up to +50 °C (transparent bowl)

Further options on demand

Consult our Technical Services for use below +2 °C



B72G

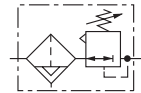
B73G

B74G

Material

B72G
Body: zinc
Bonnet: acetal
Valve: brass
Transparent bowl: polycarbonate
Element: sintered polypropylene
Elastomers: neoprene and nitrile

B73G and B74G
Body and bonnet: aluminium
Valve: brass
Transparent bowl: polycarbonate
Guarded transparent bowl: polycarbonate with steel
Element: sintered polypropylene
Elastomers: neoprene and nitrile



Features

- Excelon design allows in-line installation or modular installation with other Excelon products
- High efficiency water and particle removal
- Quick release bayonet bowl
- Push to lock adjusting knob with tamper resistant accessory
- Optional patented quarter turn manual drain






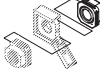


Technical data

Connection size G	Flow		Bowls	Weight kg	Model			Service kit	Element
	dm³/s	m³/h*			Auto	Manual	Semi-auto		
1/4	38	137	Transparent	0.56	B72G-2GK-AL3-RMN	B72G-2GK-QT3-RMN	B72G-2GK-ST3-RMN	4383-500	5925-02
1/4	49	176	Transparent	0.7	B73G-2GK-AT3-RMN	B73G-2GK-QT3-RMN	-	4383-600	4438-03
3/8	38	137	Transparent	0.56	B72G-3GK-AL3-RMN	B72G-3GK-QT3-RMN	B72G-3GK-ST3-RMN	4383-500	5925-02
3/8	50	180	Transparent	0.7	B73G-3GK-AT3-RMN	B73G-3GK-QT3-RMN	-	4383-600	4438-03
3/8	77	277	Guarded transparent	1.25	B74G-3GK-AP3-RMN	B74G-3GK-QP3-RMN	-	4383-700	4338-05
1/2	50	180	Transparent	0.7	B73G-4GK-AT3-RMN	B73G-4GK-QT3-RMN	-	4383-600	4438-03
1/2	100	360	Guarded transparent	1.25	B74G-4GK-AP3-RMN	B74G-4GK-QP3-RMN	-	4383-700	4338-05
3/4	100	360	Guarded transparent	1.30	B74G-6GK-AP3-RMN	B74G-6GK-QP3-RMN	-	4383-700	4338-05

Models listed include ISO G threads, knob adjustment, semi automatic drain, 40 µm element, relieving diaphragm, 0.3 to 10 bar outlet pressure adjustment range without gauge

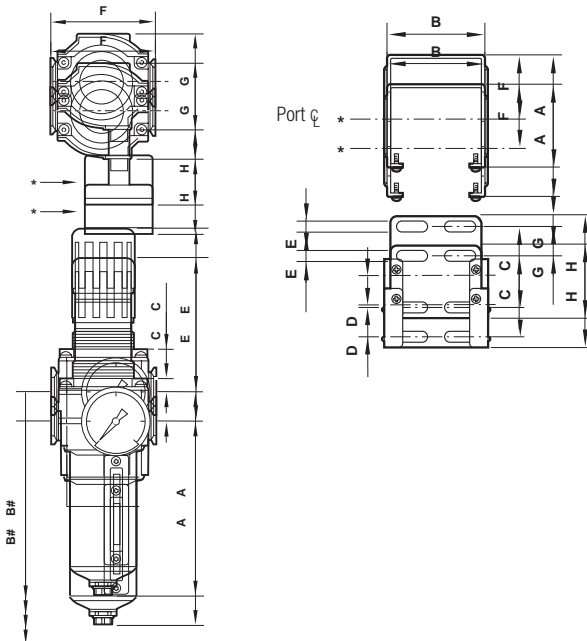
* Typical flow with 10 bar inlet pressure, 6.3 bar set pressure and a 1 bar droop from set

Accessories

Series	Connection size G	Wall mounting bracket	Neck mounting bracket	Gauge 0 - 10 bar	Panel nut	Tamper resistant cover and seal wire	Quikmount pipe adaptors (quantity of 1)	Quikclamp	Quikclamp and Quikclamp wall bracket
									
B72G	1/4	4224-50	74316-50	18-013-989	4248-89	4255-51	4215-08	4214-51	4214-52
	3/8						4215-09		4213-89*
B73G	1/4	4424-50	4461-50	18-013-013	5191-88	4455-51	4315-09	4314-51	4314-52
	3/8						4315-10		4313-50*
	1/2						4315-11		
	3/4						4315-12		
B74G	3/8	4324-50	4368-51	18-013-013	4348-89	4355-51	4315-10	4314-51	4314-52
	1/2						4315-11		4313-50*
	3/4						4315-12		

* Bracket only

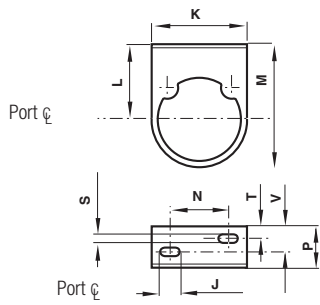
Bracket mounting



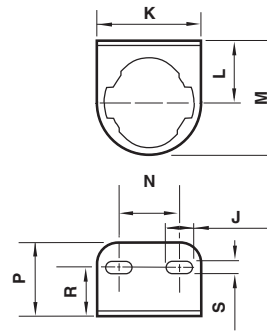
* Optional gauge

Minimum clearance required to remove bowl

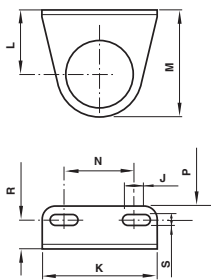
Neck mounting bracket (72)*



Neck mounting bracket (73)*



Neck mounting bracket (74)*



* Dimensions in mm

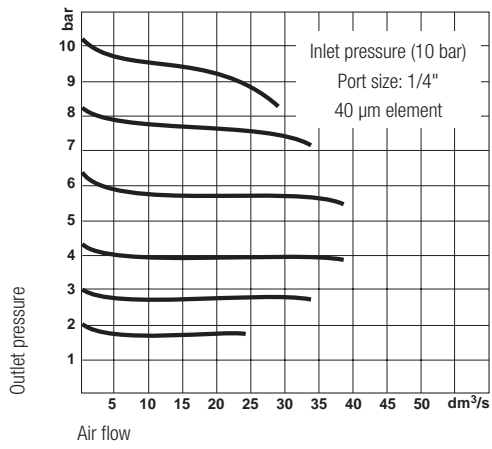
Series	A	B	C	D	E	F	G	H
72	60	42	39	18.6	4	38	6	51
73	67	60	48	19	7	38	6	61
74	79	69	50	20	5	51	6	6

Series	J	K	L	M	N	P	R	S	T	V
72	8	49	38	63.5	30	24	–	4.4	8	15
73	17	64	38	70	38	38	25	7	–	–
74	24	89	52	86	56	35	23	7	–	–

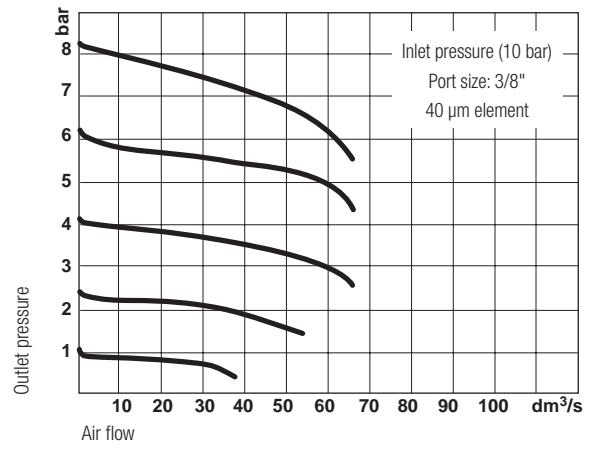
Series	Drain	A	B	C	E	F	G	H	Panel Ø	Panel depth
72	Semi-auto	164	215	26	73	50	48	35	40	0 - 4
	Auto	141	192	26	73	50	48	35	40	0 - 4
	Manual	134	185	26	73	50	48	35	40	0 - 4
73	Auto	147	207	31	96	68	62	56	48	2 - 6
	Manual	156	216	31	96	68	62	56	48	2 - 6
74	Auto	161	230	31	127	80	74	56	52	2 - 6
	Manual	177	246	31	127	80	74	56	52	2 - 6

Flow characteristics

B72G



B73G



B74G

