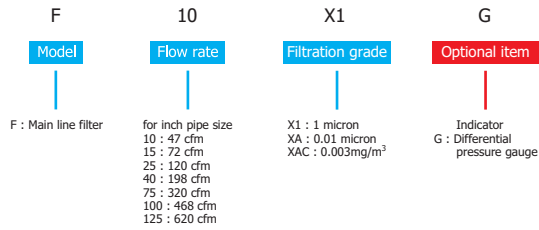


Main Line Filter (F-X1, XA, XAC Series)

Ordering Code

Specifications

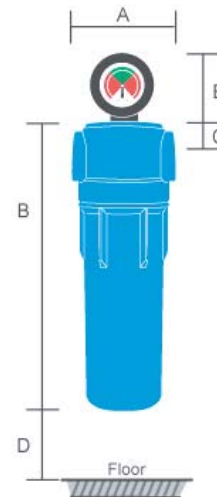
Filter Model	Port Size (BSP-F)	Flow rates		Dimensions (mm)					Weight (kg)	Element Model
		@7 bar g(100psi g)		A	B	C	D	E		
		m ³ /min	cfm							
F10	1/2"	1.33	47	88	219	24	60	82	1.0	E10
F15	3/4"	2.03	72	88	280	24	80	82	1.3	E15
F25	1"	3.40	120	128	298	39	100	82	2.6	E25
F40	1½"	5.60	198	128	388	39	120	82	2.8	E40
F75	1½"	9.05	320	128	488	39	140	82	3.4	E75
F100	1½"	13.25	468	128	678	39	160	82	4.2	E100
F125	2"	17.55	620	160	721	45	530	82	7.5	E125

In case of different operating pressure, the above flow rate should be multiplied by the relevant correction factor

Bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Psi g	15	29	44	58	73	87	100	116	131	145	160	174	189	203	218	232
Factor	0.25	0.38	0.50	0.65	0.76	0.88	1.00	1.12	1.25	1.39	1.51	1.65	1.74	1.90	2.02	2.18

Filtration performances according to ISO8573.1 : 2001

Compressed Air Quality to ISO8573 Part 1:2001					
Oil Removal down to	Class 5	Class 4	Class 3	Class 2	Class 1
0.01 mg/m ³					XA/XAC class 1
0.1 mg/m ³				X1 class 2	
1 mg/m ³					
5 mg/m ³					
			X3 class 3		
Particle size 1.0-5.0µm	20000 per m ³	1000 per m ³	500 per m ³	10 per m ³	0 per m ³
Particle size 0.5-1.0µm			10000 per m ³	1000 per m ³	1 per m ³
Particle size 0.1-0.5µm				100000 per m ³	100 per m ³


Operating Requirement

1. Maximum operating pressure : 16 bar g (232 psig).
2. Maximum recommended temperature : 80oC (176°F). [50°C/122°F for XAC]
3. Minimum recommended temperature : 1.5°C (35°F).
4. Always precede XAC with XA to achieve the performance.
5. Allocate an empty space [Area D] for filter element replacement work.
6. Change filter elements at least annually to ensure optimum performance and low operational costs.

Materials of Filter Elements

- | | |
|---------------------------|------------------------------|
| End-caps | : Plastic |
| Support Sleeves | : Perforated Stainless Steel |
| Filter Media (X3, X1, XA) | : Borosilicate Micro Fibre |
| Filter Media (XAC) | : Activated Carbon |
| Drainage Layer | : PES Needlefelt |
| Bonding | : PU Resin |
| O-ring | : Nitrile |