ENGINEERED FLANGED FILTERS

Standard models:

- 2" to 12" flanged connections
- Free Standing or inline models
- Stainless steel internal parts for maintenance-free operation
- Differential pressure indicator
- Corrosion allowance

Customized models:

- Larger flows/higher pressures
- Stainless steel construction
- Vacuum applications
- Electronic drains
- Activated carbon tower
- Certifications: Lloyd's Register, ABS, CRN, CPV

HOW TO ORDER:

Order example:

XT	0402	PEC	FSX	18	D	F

Model:
- **XT** Inline
- **XZ** Freestanding

→ XT

Filter Model:

1. Determine flow and minimum operating pressure
2. Convert minimum operating pressure as per **Table A**
3. Use formula to calculate filter capacity required: flow (scfm) ÷ conversion factor (f)
4. Use calculated flow to select filter size

→ 0402

Example:
1. Flow 875 scfm @ 45 psig
2. 45 psig = 0.5 factor
3. 875 scfm ÷ 0.5 = 1750
4. 1750 = Filter Size **0402**

Filter Series:

Filter Element Grade

- **PEC** High efficiency coalescing 0.01 micron (standard prefilter)
- **AEC** Coalescing to 1.0 micron (coarse prefilter)
- **AEP** Dust particle down to 1.0 micron (standard afterfilter)
- **PEP** Dust particle down to 0.01 micron (high efficiency afterfilter)
- **ACC** Activated carbon

→ PEC

Design Pressure:
- **18** 260 psig (18 bar g) (higher pressure consult factory)

→ 18

Differential Pressure Gauge Type:
- **D** Differential pressure gauge
- **N** No differential pressure gauge

→ D

Drain Type:
- **X** Without drain
- **F** Standard float drain
- **M** Manual drain valve
- **E** Zero-loss electronic drain

→ F

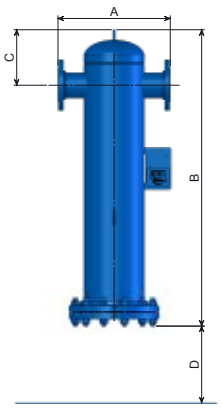
XEBEC ADSORPTION INC. | 730 Boul. Industriel, Blainville (Quebec) CANADA J7C 3V4
Toll Free: 1-877-GO-XEBEC | **Phone:** (450) 979-8700 | **Fax:** (450) 979-7869 | **Email:** sales@xebecinc.com

ENGINEERED FLANGED FILTERS

Filter Model and Conversion Factor Tables

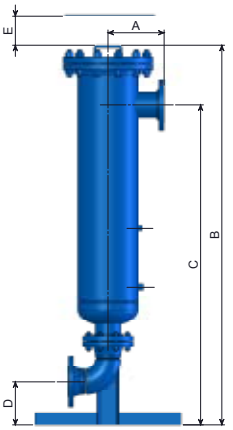
FSX Series XT Inline Filter

Filter Model	Flow Capacity @ 100 psig / 7 bar g		Inlet/Outlet Connection 150# Flg	Drain Connection NPT	Dimensions								Design Pressure		Weight		Filter Element Quantity/ Type
					A		B		C		D						
	scfm	Nm³/hr	in	in	in	mm	in	mm	in	mm	in	mm	psig	bar g	lbs	kg	
0201	875	1382	2	1/2	15	381	47 7/8	1216	8 1/2	216	26	660	260	17.9	120	54	1x3075
0301	1500	2369	3	1/2	17	432	49 1/8	1248	8 3/4	222	26	660	260	17.9	176	80	1x5075
0402	1750	2764	4	1/2	20	508	52 5/8	1337	9 7/8	251	26	660	260	17.9	238	108	2x3075
0403	2600	4107	4	1/2	20	508	52 5/8	1337	9 7/8	251	26	660	260	17.9	242	110	3x3075
0604	3500	5528	6	1/2	25	635	57 3/8	1457	11 3/4	298	26	660	260	17.9	330	150	4x3075
0605	4400	6950	6	1	31	787	59 1/4	1505	14	356	26	660	260	17.9	452	205	5x3075
0606	5200	8214	6	1	31	787	59 1/4	1505	14	356	26	660	260	17.9	456	207	6x3075
0808	6900	10899	8	1	31	787	62 1/4	1581	14 1/2	368	24	610	260	17.9	511	232	8x3075
0810	8600	13584	8	1	33	838	62 3/8	1584	14 1/2	368	24	610	260	17.9	794	360	10x3075
1012	10500	16585	10	1	37	940	67 3/4	1721	18	457	28	711	260	17.9	992	450	12x3075
1016	13500	21324	10	1	37	940	67 3/4	1721	18	457	28	711	260	17.9	1036	470	16x3075
1220	17000	26852	12	1	37	940	65 7/8	1673	18	457	28	711	260	17.9	1168	530	20x3075



FSX Series XZ Free Standing Filter

Filter Model	Flow Capacity @ 100 psig / 7 bar g		Inlet/Outlet Connection 150# Flg	Drain Connection NPT	Dimensions										Design Pressure		Weight		Filter Element Quantity/ Type
					A		B		C		D		E						
	scfm	Nm³/hr	in	in	in	mm	in	mm	in	mm	in	mm	in	mm	psig	bar g	lbs	kg	
0201	875	1382	2	1/2	8	203	57 3/8	1457	50 3/8	1280	6	152	30	762	260	17.9	120	54	1x3075
0301	1500	2369	3	1/2	9	229	61 1/2	1562	54 1/2	1384	6	152	30	762	260	17.9	176	80	1x5075
0402	1750	2764	4	1/2	10	254	67 1/4	1708	56 5/8	1438	6	152	30	762	260	17.9	238	108	2x3075
0403	2600	4107	4	1/2	10	254	67 1/4	1708	56 5/8	1438	6	152	30	762	260	17.9	242	110	3x3075
0604	3500	5528	6	1/2	13	330	73 1/2	1867	60 7/8	1546	8	203	30	762	260	17.9	330	150	4x3075
0605	4400	6950	6	1	13	330	73 1/2	1867	60 7/8	1546	8	203	30	762	260	17.9	452	205	5x3075
0606	5200	8214	6	1	13	330	73 1/2	1867	60 7/8	1546	8	203	30	762	260	17.9	456	207	6x3075
0808	6900	10899	8	1	16	406	80 1/2	2045	66 1/2	1689	8	203	30	762	260	17.9	511	232	8x3075
0810	8600	13584	8	1	16	406	80 1/2	2045	66 1/2	1689	8	203	30	762	260	17.9	794	360	10x3075
1012	10500	16585	10	1	C/F*		C/F*		C/F*		C/F*		C/F*		260	17.9	992	450	12x3075
1016	13500	21324	10	1	C/F*		C/F*		C/F*		C/F*		C/F*		260	17.9	1036	470	16x3075
1220	17000	26852	12	1	C/F*		C/F*		C/F*		C/F*		C/F*		260	17.9	1168	530	20x3075



* Consult factory

Table A Conversion factor *f* for other operating pressures (divider)

bar g	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
psig	15	30	45	58	73	87	100	116	130	145	160	176	188	203	218	232
f=	0.25	0.38	0.5	0.65	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13