



Air Filtration

Dust Particulate Series

Compressed Air Systems and Services
Davidson, NC 28036

Date: 1-July-2014
Cancels: All Previous

PERFORMANCE

MODEL	INLET AIR FLOW (SCFM)	INLET AIR FLOW (M ³ /MIN)
FA30ID	17	0.48
FA40ID	22	0.62
FA75ID	45	1.27
FA110ID	65	1.84
FA150ID	88	2.49
FA190ID	110	3.12
FA230ID	135	3.82
FA400ID	235	6.66
FA490ID	290	8.21
FA600ID	350	9.91
FA800ID	470	13.31
FA1000ID	590	16.99
FA1200ID	710	20.11
FA1560ID	920	26.05
FA1830ID	1080	30.59
FA2300ID	1350	38.23
FA2700ID	1600	45.31
F3000ID	1800	50.00
F4000ID	2400	67.00
F5000ID	3000	83.00
F6100ID	3600	102.00
F7100ID	4200	118.00
F8100ID	4800	135.00
F10100ID	6000	168.00
F15200ID	9000	253.00
F22400ID	13200	373.00

Correction Factors:

Operating Pressure (barg)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Operating Pressure (psig)	15	29	44	58	73	87	102	116	131	145	160	174	189	203	218	232	247
Correction Factor	0.38	0.53	0.65	0.76	0.85	0.93	1.00	1.07	1.13	1.20	1.25	1.31	1.36	1.41	1.46	1.51	1.56

	17 - 1600 SCFM	1800 - 13200 SCFM
Maximum Operating Pressure:	250 psig / 17.2 barg	150 psig / 10.35 barg
Maximum Operating Temperature:	212°F / 100°C	212°F / 100°C
Minimum Operating Temperature:	34°F / 1°C	34°F / 1°C

Data refers to the following standard conditions:
 Ambient Temperature 70°F (21°C), Inlet Temperature 95°F (35°C), Inlet Pressure 100 psig (7 barg)
 Maximum Operating Temperature 176°F / 80°C with auto drain