



Air Filtration

General Purpose 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)
FA30IG	17	0.48
FA40IG	22	0.62
FA75IG	45	1.27
FA110IG	65	1.84
FA150IG	88	2.49
FA190IG	110	3.12
FA230IG	135	3.82
FA400IG	235	6.66
FA490IG	290	8.21
FA600IG	350	9.91
FA800IG	470	13.31
FA1000IG	590	16.99
FA1200IG	710	20.11
FA1560IG	920	26.05
FA1830IG	1080	30.59
FA2300IG	1350	38.23
FA2700IG	1600	45.31
F3000IG	1800	50.00
F4000IG	2400	67.00
F5000IG	3000	83.00
F6100IG	3600	102.00
F7100IG	4200	118.00
F8100IG	4800	135.00
F10100IG	6000	168.00
F15200IG	9000	253.00
F22400IG	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