



Air Filtration

Activated Carbon 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)
FA301A	17	0.48
FA401A	22	0.62
FA751A	45	1.27
FA1101A	65	1.84
FA1501A	88	2.49
FA1901A	110	3.12
FA2301A	135	3.82
FA4001A	235	6.66
FA4901A	290	8.21
FA6001A	350	9.91
FA8001A	470	13.31
FA10001A	590	16.99
FA12001A	710	20.11
FA15601A	920	26.05
FA18301A	1080	30.59
FA23001A	1350	38.23
FA27001A	1600	45.31
F30001A	1800	50.00
F40001A	2400	67.00
F50001A	3000	83.00
F61001A	3600	102.00
F71001A	4200	118.00
F81001A	4800	135.00
F101001A	6000	168.00
F152001A	9000	253.00
F224001A	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:	86°F / 30°C	86°F / 30°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)