



Air Filtration

High Efficiency 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)
FA30IH	17	0.48
FA40IH	22	0.62
FA75IH	45	1.27
FA110IH	65	1.84
FA150IH	88	2.49
FA190IH	110	3.12
FA230IH	135	3.82
FA400IH	235	6.66
FA490IH	290	8.21
FA600IH	350	9.91
FA800IH	470	13.31
FA1000IH	590	16.99
FA1200IH	710	20.11
FA1560IH	920	26.05
FA1830IH	1080	30.59
FA2300IH	1350	38.23
FA2700IH	1600	45.31
F3000IH	1800	50.00
F4000IH	2400	67.00
F5000IH	3000	83.00
F6100IH	3600	102.00
F7100IH	4200	118.00
F8100IH	4800	135.00
F10100IH	6000	168.00
F15200IH	9000	253.00
F22400IH	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