

Application

- Paint Industry
- Automotive Industry
- Pharmaceutical Labs



Description

SF Filters have been engineered specifically for applications where a silicone free environment is required. SF Filters have been designed to meet air quality class ISO 8573-1 and are used widely in the painting industry to provide a high quality paint finish by minimizing blisters, craters and loss of adhesion. These problems result in costly product spoilage, expensive re-work and loss of valuable production.

Features

- Easy to Remove Filter Bowl
- 1 Micron / 0.01 micron Elements
- Includes Manual Drain
- DP Indicator Gauge (Optional)
- Easy Mount Wall Bracket (Optional)



Technical Data

SF ELEMENT
MICRON
GRADES

Model	SCFM	Inlet / Outlet Connections	Min / Max Inlet Temperature	Max Pressure PSIG	Dimensions Height x Width A x B	Weight LBS	MICRON GRADE S 1	MICRON GRADE X 0.01
SF30	30	3/8"	35 / 150	230	7.36" x 3.46"	1.55	SS30E	SX30E
SF45	45	1/2"	35 / 150	230	7.36" x 3.46"	1.55	SS45E	SX45E
SF65	65	3/4"	35 / 150	230	10.11" x 3.46"	1.76	SS65E	SX65E
SF125	125	1"	35 / 150	230	10.35" x 4.92"	3.96	SS125E	SX125E
SF200	200	1"	35 / 150	230	14.29" x 4.92"	5.51	SS200E	SX200E
SF300	300	1 1/2"	35 / 150	230	18.14" x 4.92"	5.51	SS300E	SX300E
SF450	450	1 1/2"	35 / 150	230	25.19" x 4.92"	7.05	SS450E	SX450E
SF600	600	2"	35 / 150	230	38.74" x 6.41"	11.24	SS600E	SX600E
SF900	900	2 1/2"	35 / 150	230	34.72" x 6.41"	15.21	SS900E	SX900E
SF1500	1500	3"	35 / 150	230	38.97" x 6.41"	15.65	SS1500E	SX1500E

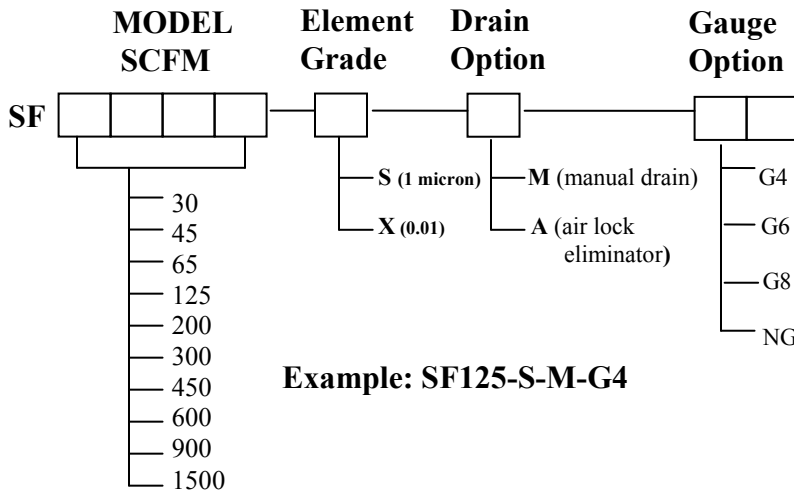
CORRECTION FACTOR

Operating Pressure (PSIG)	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction Factor	0.38	0.5	0.63	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13

For maximum flow rate, multiply model flow rate (refer to Technical Data, column two) by the correction factor corresponding to the actual inlet air pressure. To reduce pressure drop by 50%, reduce flow rate by a factor of 30%.

DO NOT SELECT FILTERS BY PIPE SIZE-USE MAXIMUM FLOW AND MINIMUM OPERATING PRESSURE

MAXIMUM OPERATING PRESSURE IS 232 PSIG, MAXIMUM OPERATING TEMPERATURE IS 150°F



Optional DP Gauges



DIG04
Differential Pressure Gauge Standard



DIG06
Differential Pressure Gauge W/ Dry Remote Alarm Contacts



DIG08
Differential Pressure Gauge. Industrial Grade

NG

Blank No Gauge

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