

STAINLESS STEEL GAS FILTER

SS-A SERIES

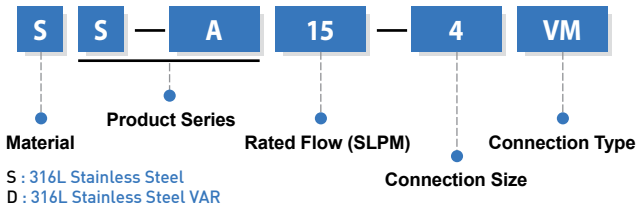
- Ultra-high purity in-line gas filter
- All 316L stainless steel constructions
- High temperature and dynamic pressure applications
- Compact size and variable end connections



PRODUCT FEATURES

- Wide range flow rate from 15 to 300 SLPM
- Excellent compatibility with most high purity semiconductor process gases
- 3 Nanometer particle filtering capability keeps up high flow efficiency with minimum pressure drop
- 5Ra electro-polished surface prevents internal contaminations
- Baked with hot nitrogen after DI water cleaning to meet semiconductor process standards
- Class 100 manufacturing, cleaning and packaging environment
- 100% helium leak tested

ORDERING INFORMATION

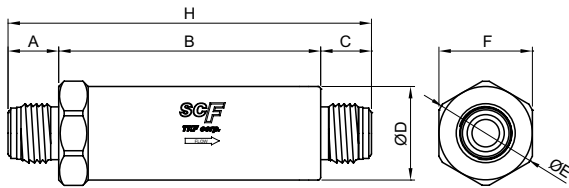


Size		Connection	
4	1/4"	VM	MFS male type
6	3/8"	SW	Lok type
8	1/2"		

SPECIFICATIONS

Removal Rating	≥ 0.0025μm	
Retention	Greater than 99.999999% Removal of all particles down to 0.0025μm	
Rated Flow @ 10 ⁹	15 SLPM	
	60 SLPM	
	120 SLPM	
	200 SLPM	
	300 SLPM	
Materials	Filter element	316L Stainless steel
	Electropolished housing	316L Stainless steel / 316L Stainless steel VAR
Element Operating Conditions	Maximum inlet pressure	21 MPa (210kgf/cm ²) at 20°C
	Maximum differential pressure	15 MPa (153kgf/cm ²) at 20°C
	Maximum operating temperature	460°C (Inert gas)
Helium Leak Rating	1 x 10 ⁻⁹ atm·cc/sec	
Surface Finish Interior	≤ Ra 5μinch	

DIMENSIONS



Part No.	A/mm	B/mm	C/mm	D/mm	E/mm	F/mm	H/mm
SS-A15-4VM	15.5	53	15.5	27.5	30	27	84
SS-A15-4SW	10.4	52.2	10.4	27.5	30	27	73
SS-A60-4VM	15.5	53	15.5	27.5	30	27	84
SS-A60-4SW	10.4	52.2	10.4	27.5	30	27	73
SS-A60-6(8)VM	19	53	19	27.5	30	27	91
SS-A120-4VM	15.5	96	15.5	29.5	33	30	127
SS-A120-4SW	10.4	95.2	10.4	29.5	33	30	116
SS-A120-6(8)VM	19	96	19	29.5	33	30	134
SS-A120-6(8)SW	12	96	12	29.5	33	30	120
SS-A200-4VM	15.5	98	15.5	35	39	35	129
SS-A200-4SW	10.4	97.2	10.4	35	39	35	118
SS-A200-6(8)VM	19	98	19	35	39	35	136
SS-A200-6(8)SW	12	98	12	35	39	35	122
SS-A300-4VM	15.5	98	15.5	35	39	35	129
SS-A300-4SW	10.4	97.2	10.4	35	39	35	118
SS-A300-6(8)VM	19	98	19	35	39	35	136
SS-A300-6(8)SW	12	98	12	35	39	35	122

PERFORMANCE DATA

