Sealed Type Self-contained Absolute Filter (HEPA)

Standard / L Type (High Airflow Volume)

SELF-CONTAINED ABSOLUTE FILTER

Model	1□□S-□□
Test Criteria	0.3μm
Efficiency	99.97%+

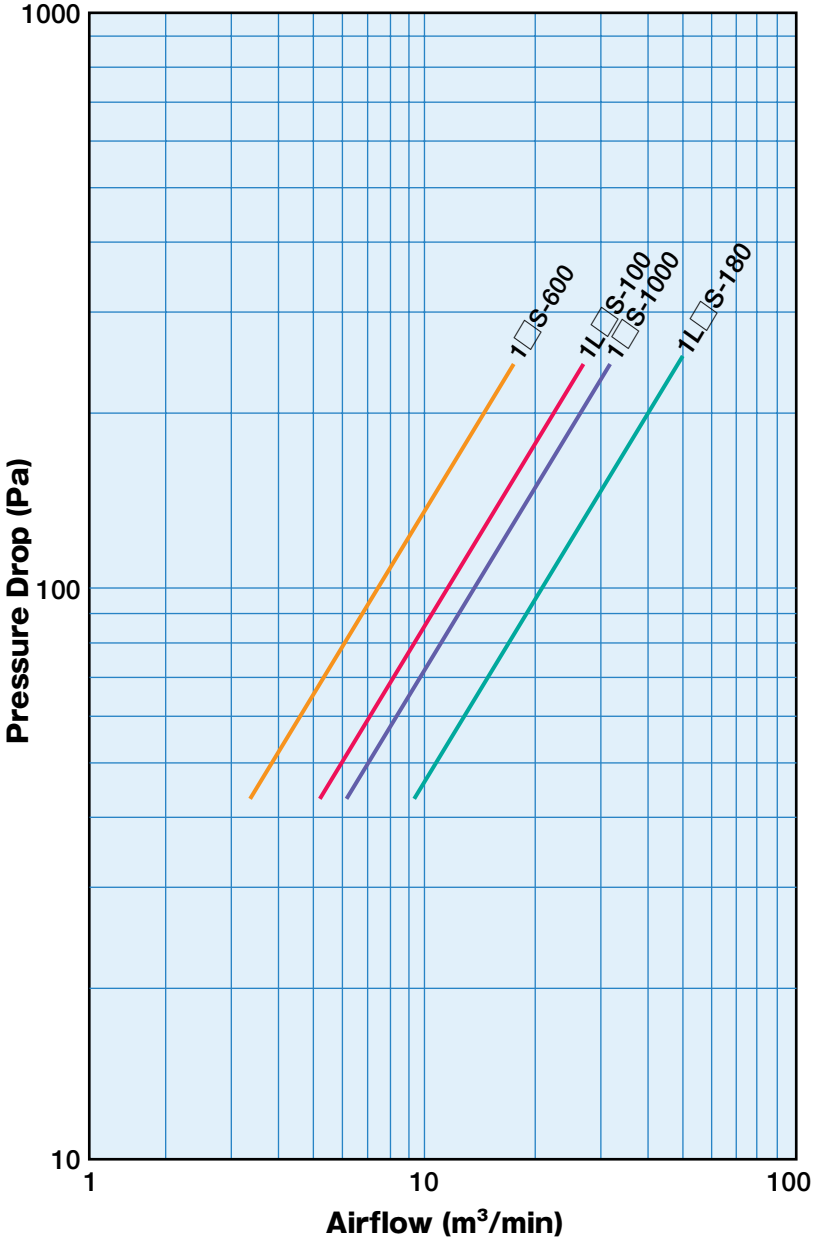
- For nuclear and radioisotope facility exhaust treatment
- Reduced environmental impact
- Vacuum leak tested at -10hPa
- High Airflow Type also available

Model Designators

1 □ □ S - □ □

- Adapter Type: See Adapter Component Materials / Dimensions Table
- Product Code
- Self-contained Filter Designator
- Model: See Component Materials / Usage Specifications Table
- L: High Airflow Type Designator
- Absolute Filter Designator

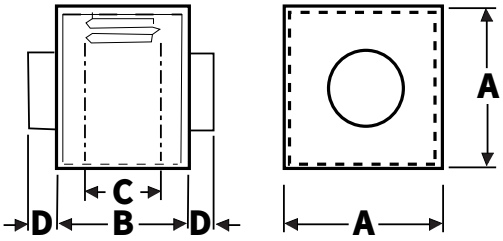
Pressure Drop (Initial)



Standard Specifications

Model		Rated Airflow Volume (m^3/min)	Pressure Drop (Pa)*		External Dimensions (mm)				Weight (D Type) (kg)
			Initial Max	Final	A	B	C	D	
Standard	1□S-25□	0.8	249	498	203	228	63	76	3.3
	1□S-50□	1.5			203	254	132		3.5
	1□S-110□	3.9			305	305	132		7.0
	1□S-600□	18			610	356	132	100	23.0
	1□S-1000□	32			610	508	264		29.0
High Airflow Volume	1L□S-100□	28	249	498	610	356	132	100	24.0
	1L□S-180□	50			610	508	264		32.0

*** Values apply to unframed media**



Adapter Component Materials / Dimensions

Adapter		PU		UU		TU	
Component Materials		VP Tube		Stainless Steel		SPCC Chrome-Plated steel	
Model \ Diameter		External Diameter (mm)	Internal Diameter (mm)	External Diameter (mm)	Internal Diameter (mm)	External Diameter (mm)	Internal Diameter (mm)
Standard	25	60	51	50	48	50	47.6
	50	89	77	76	73	76	72.8
	110	114	100	100	97	100	96.8
	600	318	298	305	302	305	301.8
	1000	318	298	305	302	305	301.8
High Airflow Volume	100	318	298	305	302	305	301.8
	180	370	348	344.4	340.4	355.6	342.8

Component Materials / Usage Specifications

Model		A	D	EE	EU	J
		Standard	Standard / High Airflow Volume			Standard
Component Materials	Media	Glass Fiber				
	Separator	Paper	Aluminum	Treated Paper	Aluminum	Plastic
	Sealant	Urethane resin				
	Frame	Plywood		Fire Resistant Plywood		Plywood
Usage Specifications	Max. Continuous Operation Temperature (°C)	104	121			65
	Max. Peak Humidity (%RH at 0 Condensation)	85	100	80	100	