

Clean Air Filter

SFD Series

RoHS

Hollow Fiber Element

- Nominal filtration rating: **0.01** μm (filtration efficiency 99.99%)
- Initial pressure drop: **0.03** MPa (at inlet pressure 0.7 MPa, maximum flow)
- Maximum operating pressure: **1.0** MPa (at 20°C)

SFD100/110

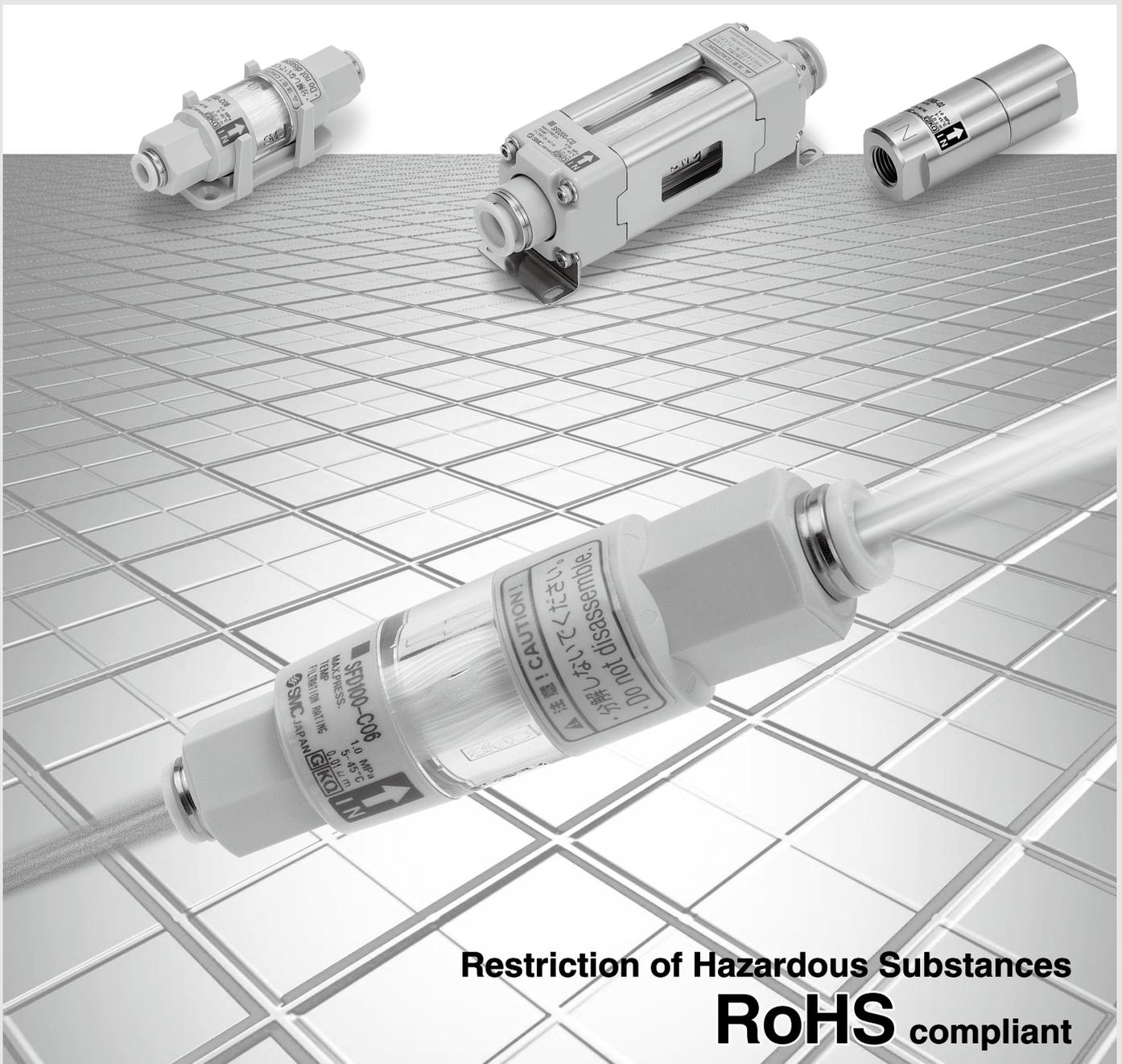
SFD200

SFD101/102 Made to Order

Up to **100** L/min(ANR)/Up to **120** L/min(ANR)

Up to **500** L/min(ANR)

Up to **100** L/min(ANR)



Restriction of Hazardous Substances
RoHS compliant

Exhaust Cleaner for Clean Room

25A-AMP Series



How to Order

25A - AMP 2 20 - 03 - -

Series compatible with secondary batteries

Size

2
3
4

Thread type

Symbol	Type
Nil	Rc
N	NPT
F	G

Port size

Symbol	Port size	Size		
		2	3	4
02	1/4	●	—	—
03	3/8	●	●	—
04	1/2	—	●	●
06	3/4	—	—	●

Semi-standard specifications

Symbol	Description
Nil	None
R	Flow direction Right→Down*3
T	With element service indicator

*3 Flow direction when the nameplate is viewed from the front. Indicate RT when combining.

Accessories

Symbol	Name
Nil	None
B	With bracket*1

*1 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory but does not come assembled.

Bracket Assembly Part Nos.*2

Applicable model	Part no.
25A-AMP220	25A-BM66
25A-AMP320	25A-BM67
25A-AMP420	25A-BM68

*2 The assembly consists of a bracket and 2 mounting screws.

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the [Web Catalog](#).

Clean Exhaust Filter

SFE Series

This product (standard product) is a secondary battery compatible product. For details, refer to the [Web Catalog](#).

RoHS

This filter enables direct exhaust of air in a clean room! (Cleanliness class 4*: ISO14644-1) (* Based on SMC's measuring conditions.)

Air can be directly exhausted in a clean room only by mounting this product to the pneumatic equipment in the clean room.

One-touch fitting type added.

Plug-in type
Can connect with One-touch fitting directly. Reduces piping installation work.

Body
PBT

Built-in hollow fiber membrane
Polyolefin

Male thread type

Gasket
NBR, Stainless steel
(For SFE11 M5 thread)

Piping to the relief port of the cylinder

Piping to the exhaust port of the solenoid valve

Piping to the relief port of the regulator

Filtration rating **0.01 μm**
(Filtration efficiency 99.99%)

Maximum flow capacity
200
L/min (ANR)

Noise reduction
30 dB (A)
or more

No need for piping for exhaust air and relief air. Reduces piping installation work and space.

