



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Anti-bacterial/Bacteria removing combination

SFC307/SFC407-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD

Specifications

Descriptions		SFC307	SFC407
Components	(1) Anti-bacterial pre-filter	SFC310	SFC410
	(2) High-performance anti-bacterial filter	SFC320	SFC420
	(3) Bacteria removing Filter	SFC330	SFC430
Working fluid		Compressed air, Nitrogen gas (N ₂), Carbon dioxide (CO ₂)	
Working pressure range	MPa	0.1 to 1.0	
Proof pressure	MPa	1.5	
Differential pressure-resistant	MPa	0.5	
Ambient/fluid temperatures	°C	5 to 45	
Filtration	μm	0.01 (removal efficiency 99.99%)	
Max. processing flow rate *1	l/min (ANR)	300	500
Port size	Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2
Weight	Kg	0.96	1.61
Standard accessories		Maintenance label (attachment)	
Element replacement		1 year (6000 hours) or pressure drop 0.1 MPa	

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

How to order

A Model No.				A Model No.	
SFC307 - 10 - X1 - FP2				SFC307	SFC407
B Port size				B Port size	
C Port thread				C Port thread	
D Flow direction				D Flow direction	
Code				Content	
Blank				Standard flow (left → right)	
X1				Reverse flow (right → left)	

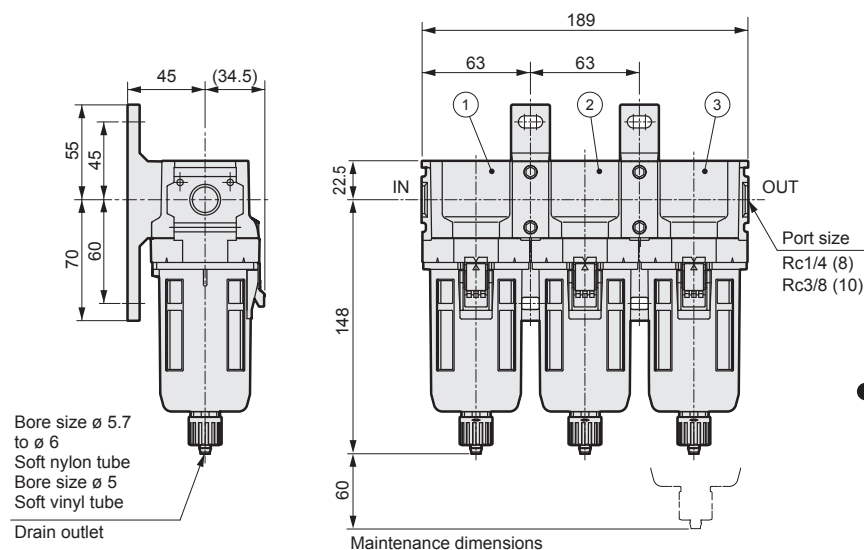
● Replacement element single unit model number

Element model No.	Anti-bacterial pre-filter element	High-performance anti-bacterial filter element	Bacteria removing Filter element
SFC307	SFC310-ELEMENT	SFC320-ELEMENT	SFC330-ELEMENT
SFC407	SFC410-ELEMENT	SFC420-ELEMENT	SFC430-ELEMENT

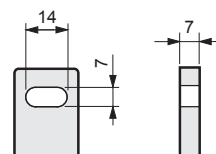
Dimensions



● SFC307

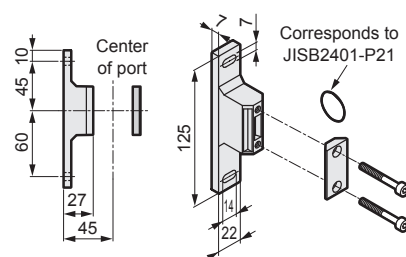


No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Bacteria removing Filter



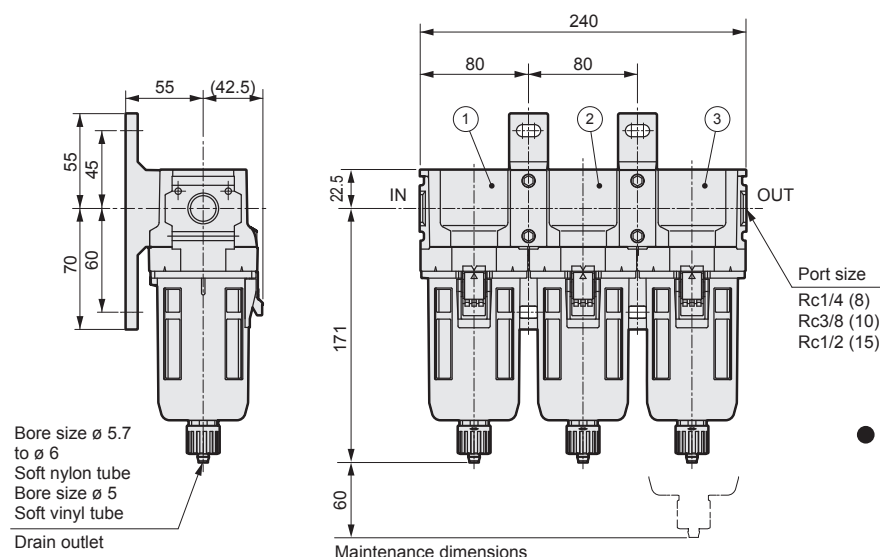
Enlarged view of bracket section

● Attachment
T bracket
Model No.: SFB310-FP2

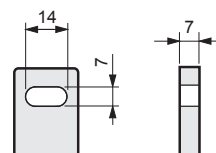


Material: Aluminum die-casting
Mounting screw with stainless steel

● SFC407

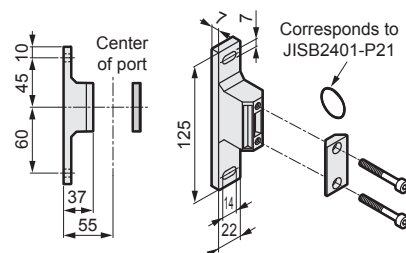


No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Bacteria removing Filter



Enlarged view of bracket section

● Attachment
T bracket
Model No.: SFB410-FP2



Material: Aluminum die-casting
Mounting screw with stainless steel

CKD



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Anti-bacterial/bacteria-removing/odor removal filter combination

SFC309・SFC409-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD

Specifications

Descriptions		SFC309	SFC409
Components	(1) Anti-bacterial pre-filter	SFC310	SFC410
	(2) High-performance anti-bacterial filter	SFC320	SFC420
	(3) Odor removal filter	SFC340	SFC440
	(4) Anti-bacterial filter	SFC330	SFC430
Working fluid		Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)	
Working pressure range MPa		0.1 to 1.0	
Proof pressure MPa		1.5	
Differential pressure-resistant MPa		0.5	
Ambient/fluid temperatures °C		5 to 45	
Filtration μm		0.01 (removal efficiency 99% and over)	
Secondary side oil concentration mg/m ³		0.003 or less *2	
Max. processing flow rate *1 l/min (ANR)		300	500
Port size Rc, NPT, G		1/4, 3/8	1/4, 3/8, 1/2
Weight Kg		1.24	2.13
Standard accessories		Maintenance label (attachment)	
Element replacement		1 year (6000 hours) or pressure drop 0.1 MPa *3	

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

*2: When an oil mist filter (M Series M type) is installed on the primary side. Be sure to install an air dryer and oil mist filter on the primary side.

*3: The replacement time is not a guaranteed value. The replacement time may be reduced depending on the product's working environment, usage conditions, etc.

How to order

How to Order

SFC309

10

X1

- FP2

A Model No.

B Port size

C Port thread

D Flow direction

		A Model No.	
		SFC309	SFC409
Code		Content	
B Port size			
8	1/4	●	●
10	3/8	●	●
15	1/2		●
C Port thread			
Blank	Rc Thread	●	●
N	NPT Thread	●	●
G	G Thread	●	●
D Flow direction			
Blank	Standard flow (left → right)	●	●
X1	Reverse flow (right → left)	●	●

● Replacement element single unit model number

Element model No.	Anti-bacterial pre-filter element	High-performance anti-bacterial filter element	Bacteria-removing filter element	Odor removal filter element
SFC307	SFC310-ELEMENT	SFC320-ELEMENT	SFC330-ELEMENT	SFC340-ELEMENT
SFC407	SFC410-ELEMENT	SFC420-ELEMENT	SFC430-ELEMENT	SFC440-ELEMENT

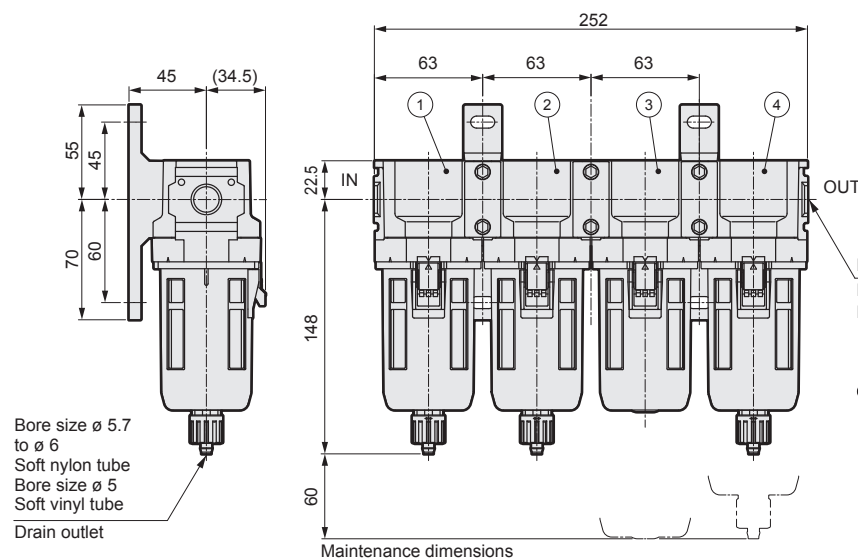
SFC³09-FP2 Series

Dimensions

Dimensions

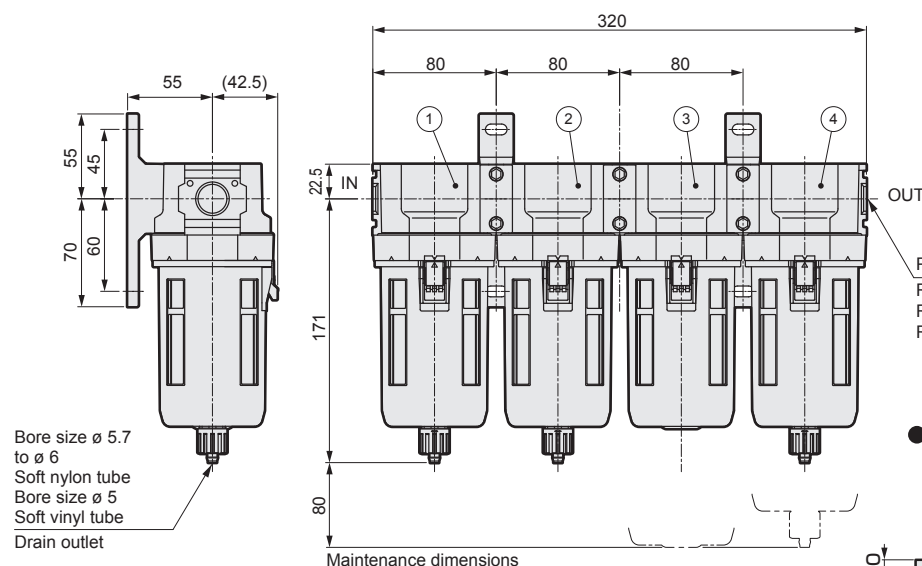


● SFC309



No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Odor removal filter
(4)	Anti-bacterial filter

● SFC409



No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Odor removal filter
(4)	Anti-bacterial filter

CKD

4



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Anti-bacterial combination

SFC306/SFC406/SFC806-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD

Specifications

Descriptions		SFC306	SFC406	SFC806
Components	(1) Anti-bacterial pre-filter	SFC310	SFC410	SFC810
	(2) High-performance anti-bacterial filter	SFC320	SFC420	SFC820
Working fluid		Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)		
Working pressure range	MPa	0.1 to 1.0		
Proof pressure	MPa	1.5		
Ambient/fluid temperatures	°C	5 to 45		
Filtration	μm	0.1 (removal efficiency 99% and over)		
Max. processing flow rate *1	l/min (ANR)	360	700	2200
Port size	Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight	Kg	0.62	1.06	2.7
Standard accessories		Maintenance label (attachment)		
Element replacement		1 year (6000 hours) or pressure drop 0.1 MPa		

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

How to order

SFC306 - **10** - **X1** - **FP2**

A Model No.

B Port size

C Port thread

D Flow direction

		A Model No.		
		SFC306	SFC406	SFC806
Code	Content			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc Thread	●	●	●
N	NPT Thread	●	●	●
G	G Thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

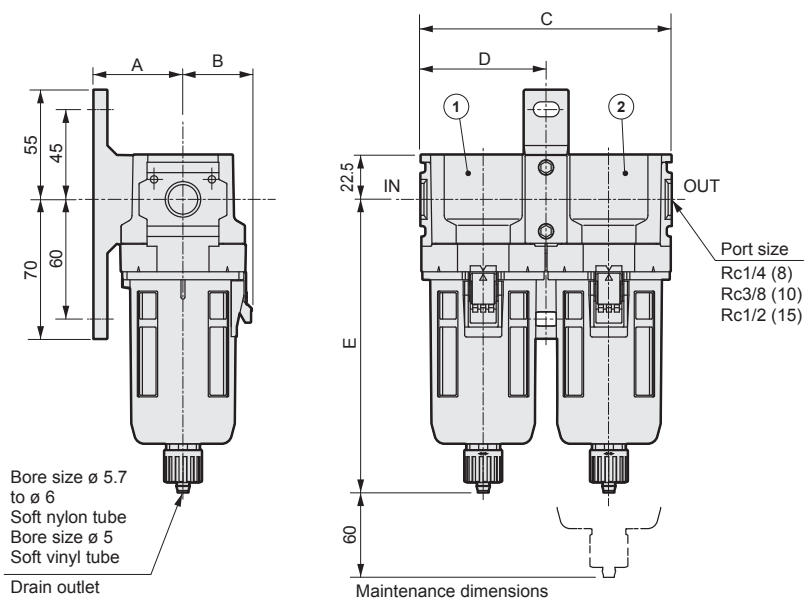
● Replacement element single unit model number

Element model No.	Anti-bacterial pre-filter element	High-performance anti-bacterial filter element
Model		
SFC306	SFC310-ELEMENT	SFC320-ELEMENT
SFC406	SFC410-ELEMENT	SFC420-ELEMENT
SFC806	SFC810-ELEMENT	SFC820-ELEMENT

Dimensions

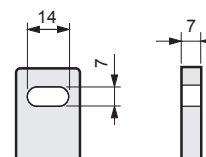


● SFC306/SFC406



No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter

Model No.	A	B	C	D	E	F	G
SFC306	45	34.5	126	63	148	27	45
SFC406	55	42.5	160	80	171	37	55



Enlarged view of bracket section

● Attachment

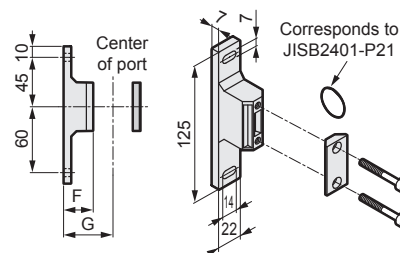
T bracket

Model No.: SFB310-FP2

(Compatible model: SFC306)

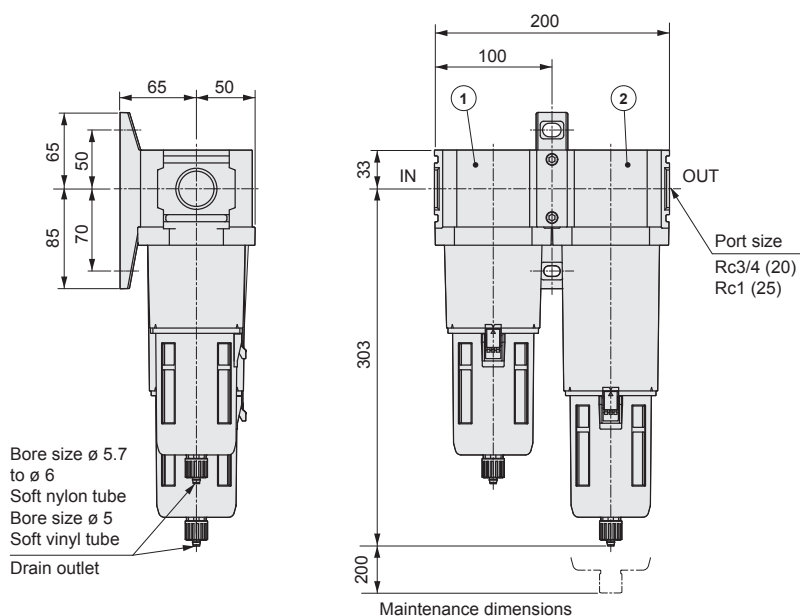
SFB410-FP2

(Compatible model: SFC406)

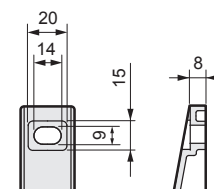


Material: Aluminum die-casting
 Mounting screw with stainless steel

● SFC806



No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter

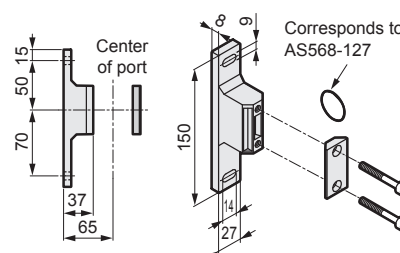


Enlarged view of bracket section

● Attachment

T bracket

Model No.: SFB810-FP2



Material: Aluminum die-casting
 Mounting screw with stainless steel

CKD



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Anti-bacterial/odor removal filter combination

SFC308·SFC408·SFC808-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD

Specifications

Descriptions		SFC308	SFC408	SFC808
Components	(1) Anti-bacterial pre-filter	SFC310	SFC410	SFC810
	(2) High-performance anti-bacterial filter	SFC320	SFC420	SFC820
	(3) Odor removal filter	SFC340	SFC440	SFC840
Working fluid		Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)		
Working pressure range	MPa	0.1 to 1.0		
Proof pressure	MPa	1.5		
Ambient/fluid temperatures	°C	5 to 45		
Filtration	μm	0.1 (removal efficiency 99% or higher)		
Secondary side oil concentration	mg/m ³	0.003 or less *2		
Max. processing flow rate *1	l/min (ANR)	360	700	2200
Port size	Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight	Kg	0.96	1.61	4.2
Standard accessories		Maintenance label (attachment)		
Element replacement		1 year (6000 hours) or pressure drop 0.1 MPa *3		

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

*2: When an oil mist filter (M Series M type) is installed on the primary side. Be sure to install an air dryer and oil mist filter on the primary side.

*3: The replacement time is not a guaranteed value. The replacement time may be reduced depending on the product's working environment, usage conditions, etc.

How to order

SFC308

- 10

- X1

- FP2

A Model No.

B Port size

C Port thread

D Flow direction

Code

Content

B Port size

8

1/4

10

3/8

15

1/2

20

3/4

25

1

C Port thread

Blank

Rc Thread

N

NPT Thread

G

G Thread

D Flow direction

Blank

Standard flow (left → right)

X1

Reverse flow (right → left)

A Model No.

SFC308

SFC408

SFC808

●

●

●

●

●

●

●

●

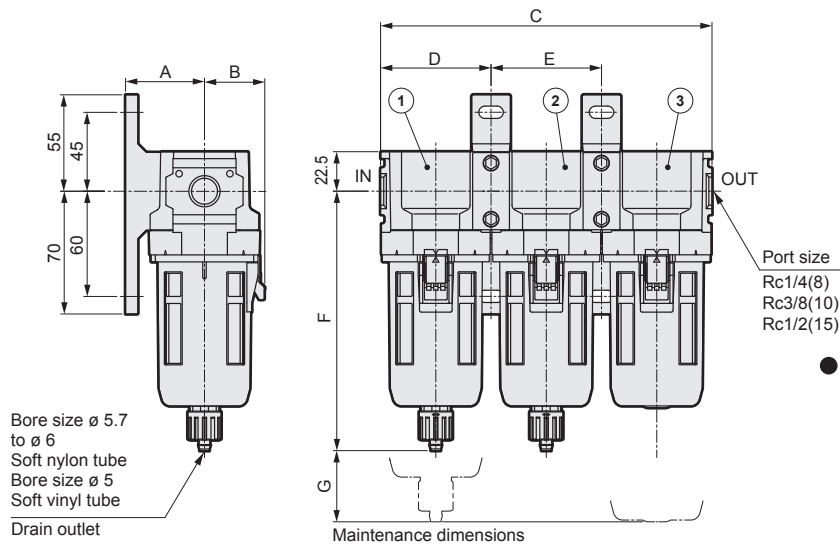
● Replacement element single unit model number

Element model No.	Anti-bacterial pre-filter element	High-performance anti-bacterial filter element	Odor removal filter element
Model			
SFC308	SFC310-ELEMENT	SFC320-ELEMENT	SFC340-ELEMENT
SFC408	SFC410-ELEMENT	SFC420-ELEMENT	SFC440-ELEMENT
SFC808	SFC810-ELEMENT	SFC820-ELEMENT	SFC840-ELEMENT

Dimensions



● SFC308/SFC408



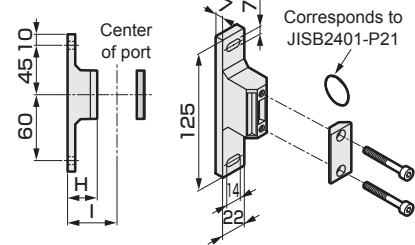
Bore size ϕ 5.7
to ϕ 6
Soft nylon tube
Bore size ϕ 5
Soft vinyl tube
Drain outlet

No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Odor removal filter

Model No.	A	B	C	D	E	F	G	H	I
SFC308	45	(34.5)	189	63	63	148	60	27	45
SFC408	55	(42.5)	240	80	80	171	80	37	55

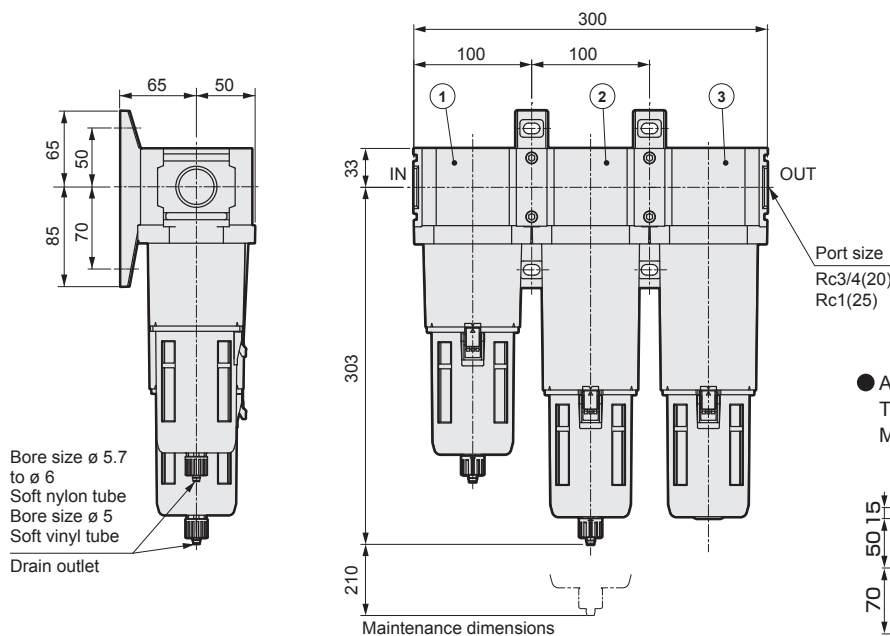
● Attachment
T bracket

Model No.: SFB310-FP2 (Compatible model: SFC308)
SFB410-FP2 (Compatible model: SFC408)



Material: Aluminum die-casting
Mounting screw with stainless steel

● SFC808

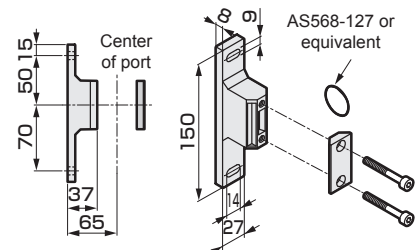


Bore size ϕ 5.7
to ϕ 6
Soft nylon tube
Bore size ϕ 5
Soft vinyl tube
Drain outlet

No.	Series
(1)	Anti-bacterial pre-filter
(2)	High-performance anti-bacterial filter
(3)	Odor removal filter

● Attachment
T bracket

Model No.: SFB810-FP2



Material: Aluminum die-casting
Mounting screw with stainless steel

CKD



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Anti-bacterial pre-filter

SFC310/SFC410/SFC810-FP2 Series

● Port size: 1/4 to 1



Specifications

Descriptions	SFC310	SFC410	SFC810
Working fluid	Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)		
Working pressure range MPa	0.1 to 1.0		
Proof pressure MPa	1.5		
Ambient/fluid temperatures °C	5 to 45		
Filtration μm	5 (removal efficiency 90% and over)		
Max. processing flow rate *1 ℓ/min (ANR)	360	700	2200
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight Kg	0.28	0.52	1.16
Standard accessories	Maintenance label (attachment)		
Element replacement	1 year (6000 hours) or pressure drop 0.1 MPa		

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

How to order

SFC310 - 10 - X1 - FP2				A Model No.		
A Model No.				SFC310		
B Port size				SFC410		
C Port thread				SFC810		
D Flow direction						

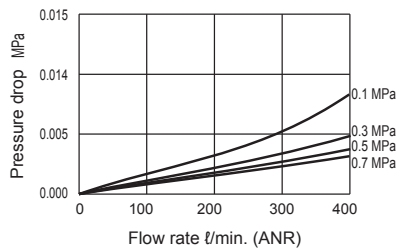
Code	Content	SFC310	SFC410	SFC810
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc Thread	●	●	●
N	NPT Thread	●	●	●
G	G Thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement element single unit model number

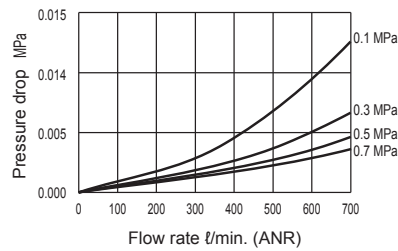
Element model No.	Anti-bacterial pre-filter element
Model	
SFC310	SFC310-ELEMENT
SFC410	SFC410-ELEMENT
SFC810	SFC810-ELEMENT

Flow characteristics

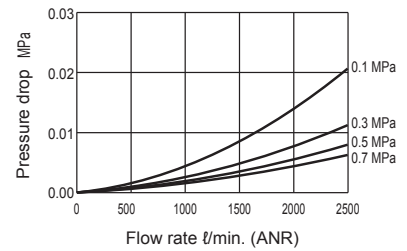
● SFC310



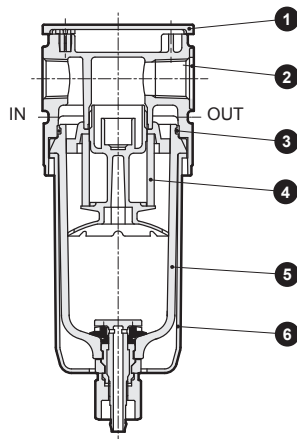
● SFC410



● SFC810



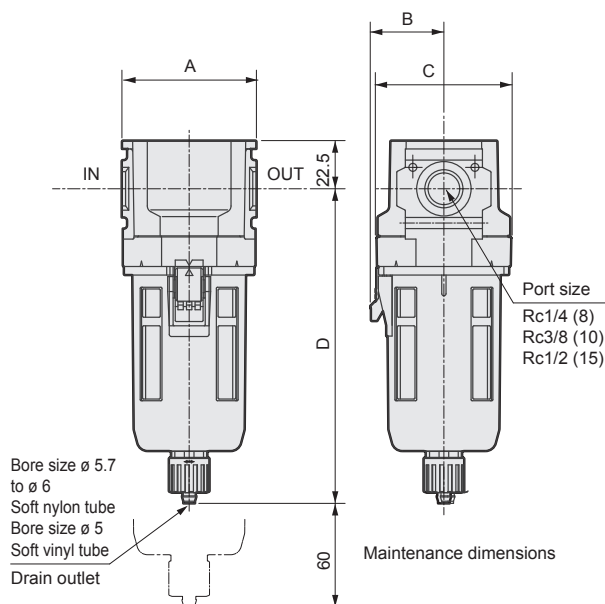
Internal structure and parts list



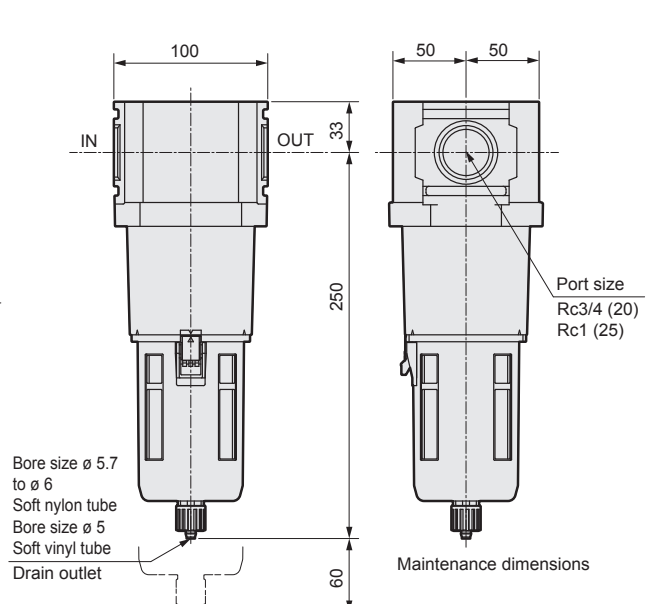
No.	Part name	Material		
		SFC310	SFC410	SFC810
1	Plate cover	ABS Resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Polyethylene, polypropylene, etc.		
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		
7	Drain cock	Polyacetal resin, polyester		

Dimensions

● SFC310, SFC410



● SFC810



Model No.	A	B	C	D
SFC310	63	34.5	63	148
SFC410	80	42.5	79	171



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

High-performance anti-bacterial filter

SFC320/SFC420/SFC820-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD

Specifications

Descriptions	SFC320	SFC420	SFC820
Working fluid	Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)		
Working pressure range MPa	0.1 to 1.0		
Proof pressure MPa	1.5		
Ambient/fluid temperatures °C	5 to 45		
Filtration μm	0.1 (removal efficiency 99% and over)		
Max. processing flow rate *1 ℓ/min (ANR)	360	700	2200
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight Kg	0.28	0.52	1.35
Standard accessories	Maintenance label (attachment)		
Element replacement	1 year (6000 hours) or pressure drop 0.1 MPa		

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

How to order

SFC320 - **10** - **X1** - **FP2**

A Model No.

B Port size

C Port thread

D Flow direction

		A Model No.		
		SFC320	SFC420	SFC820
Code	Content			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc Thread	●	●	●
N	NPT Thread	●	●	●
G	G Thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

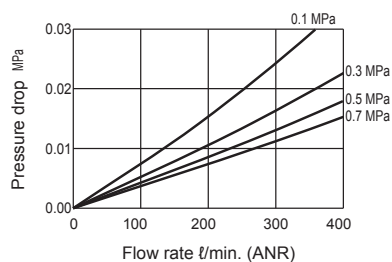
● Replacement element single unit model number

Element model No.	High-performance anti-bacterial filter element
Model	
SFC320	SFC320-ELEMENT
SFC420	SFC420-ELEMENT
SFC820	SFC820-ELEMENT

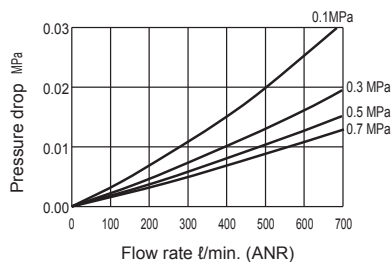
Flow characteristics



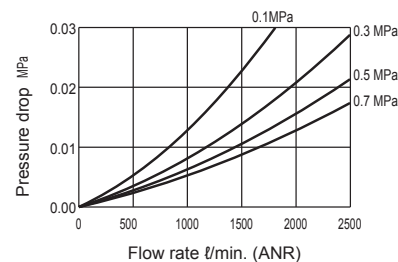
● SFC320



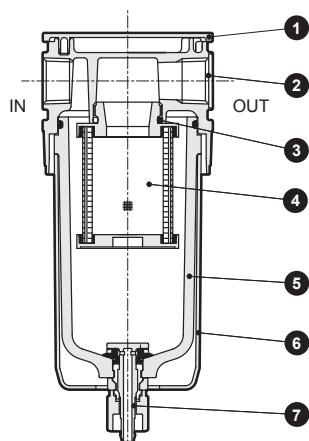
● SFC420



● SFC820



Internal structure and parts list

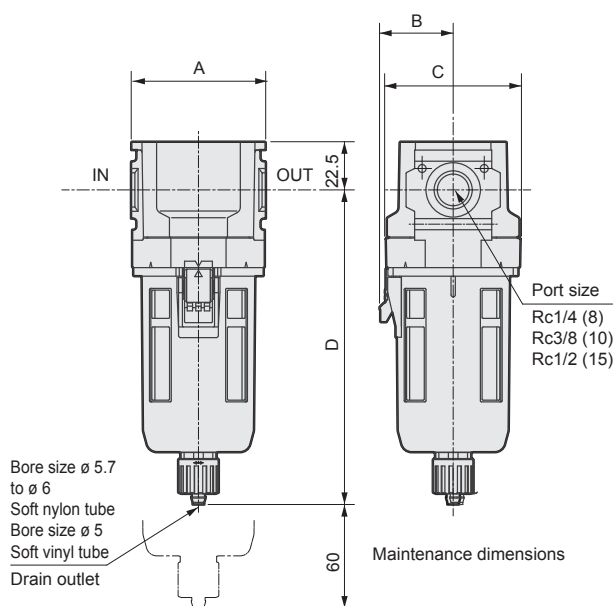


No.	Part name	Material		
		SFC320	SFC420	SFC820
1	Plate cover	ABS Resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Glass fibers, polypropylene		Glass fibers, PET, etc.
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		
7	Drain cock	Polyacetal resin, polyester		

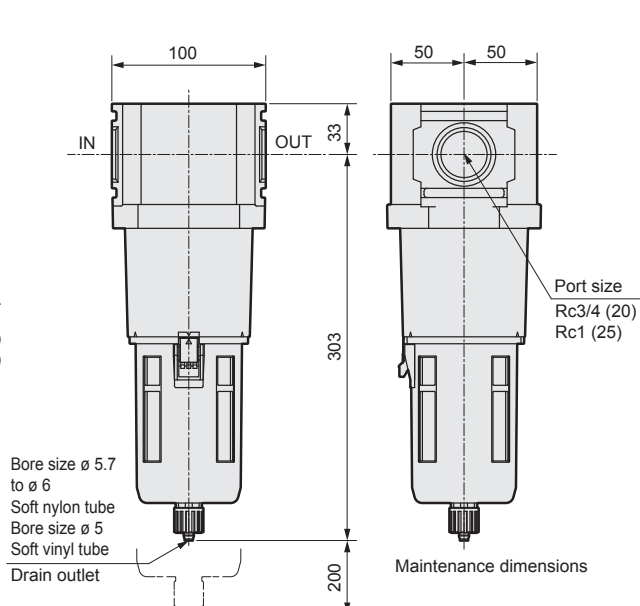
Dimensions



● SFC320, SFC420



● SFC820



Model No.	A	B	C	D
SFC320	63	34.5	63	148
SFC420	80	42.5	79	171



Materials compatible with FDA

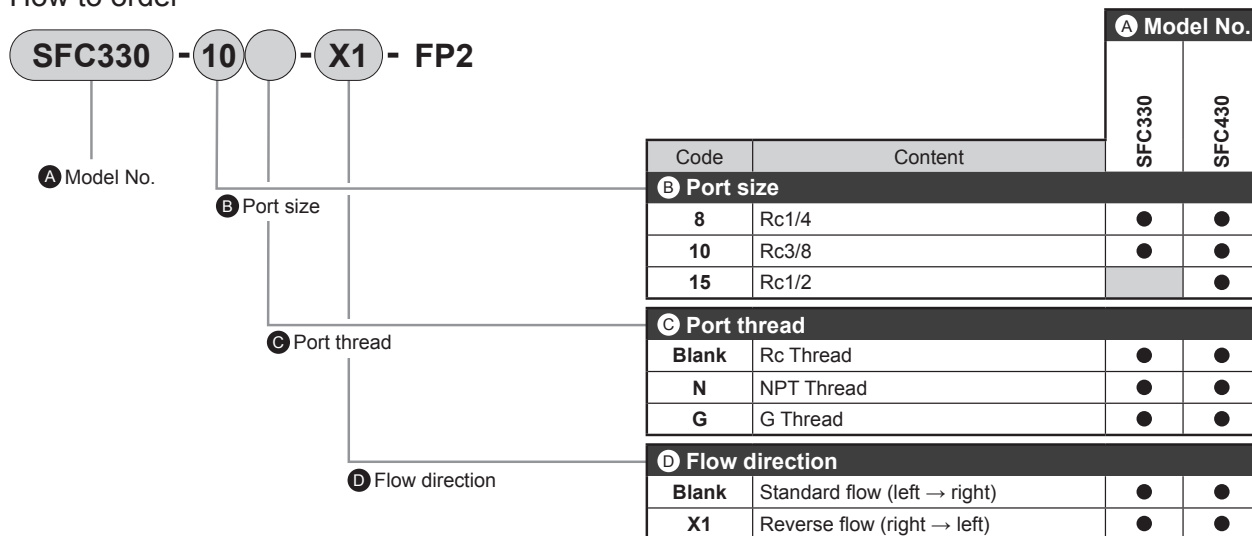
SFC330/SFC430-FP2 Series

- Port size: 1/4 to 1/2



Descriptions	SFC330	SFC430
Working fluid	Compressed air, Nitrogen gas(N2), Carbon dioxide (CO2)	
Working pressure range MPa	0.1 to 1.0	
Proof pressure MPa	1.5	
Differential pressure-resistant MPa	0.5	
Ambient/fluid temperatures °C	5 to 45	
Filtration μm	0.01 (removal efficiency 99.99%)	
Max. processing flow rate *1 l/min (ANR)	300	500
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2
Weight Kg	0.28	0.52
Standard accessories	Maintenance label (attachment)	
Element replacement	1 year (6000 hours) or pressure drop 0.1 MPa	

How to order

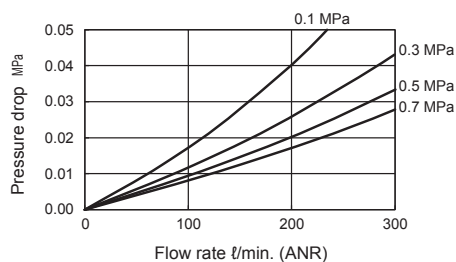


Element model No.	Bacteria removing filter element
SFC330	SFC330-ELEMENT
SFC430	SFC430-ELEMENT

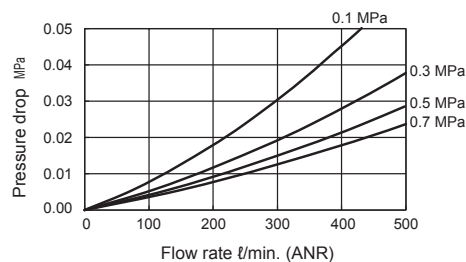
Flow characteristics



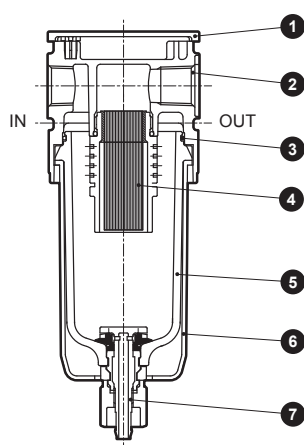
● SFC330



● SFC430



Internal structure and parts list

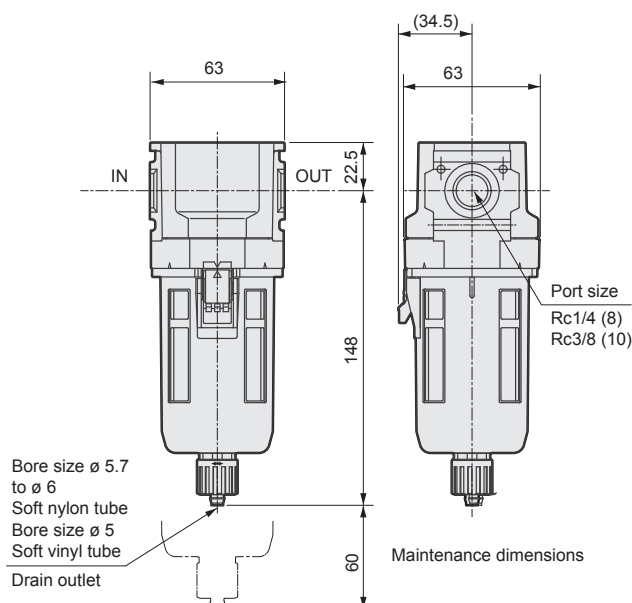


No.	Part name	Material	
		SFC330	SFC430
1	Plate cover	ABS Resin	
2	Body	Aluminum alloy die-casting	
3	O-ring	Fluoro rubber	
4	Element	Polypropylene, urethane resin, clear polyamide resin	
5	Bowl	Polyamide resin	
6	Bowl guard	Polyamide resin	
7	Drain cock	Polyacetal resin, polyester	

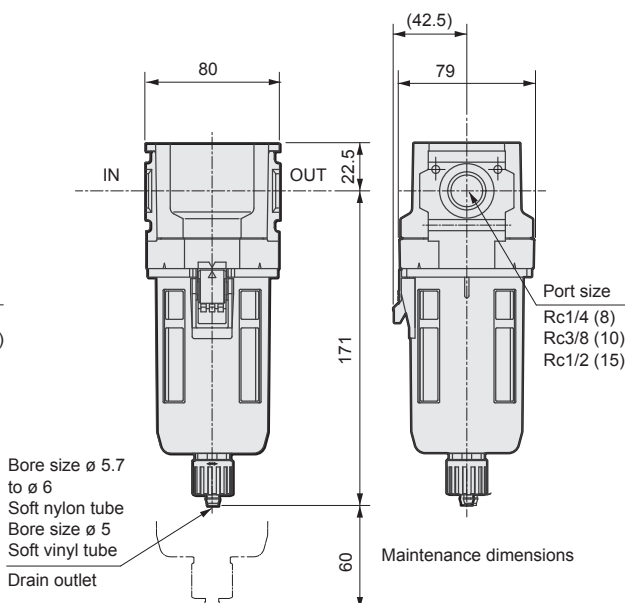
Dimensions



● SFC330



● SFC430





Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Odor removal filter

SFC340·SFC440·SFC840-FP2 Series

● Port size: 1/4 to 1



Specifications

Descriptions	SFC340	SFC440	SFC840
Working fluid	Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)		
Working pressure range MPa	0.1 to 1.0		
Proof pressure MPa	1.5		
Ambient/fluid temperatures °C	5 to 45		
Secondary side oil concentration mg/m ³	0.003 or less *2		
Max. processing flow rate *1 l/min (ANR)	360	700	2200
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight Kg	0.28	0.52	1.35
Standard accessories	Maintenance label (attachment)		
Element replacement	1 year (6000 hours) or pressure drop 0.1 MPa *3		

*1: Use within the max. processing flow rate. This is the value when primary pressure is 0.7 MPa.

*2: When an oil mist filter (M Series M type) is installed on the primary side. Be sure to install an air dryer and oil mist filter on the primary side.

*3: The replacement time is not a guaranteed value. The replacement time may be reduced depending on the product's working environment, usage conditions, etc.

How to order

SFC340

- 10

- X1

- FP2

A Model No.

B Port size

C Port thread

D Flow direction

		A Model No.		
		SFC340	SFC440	SFC840
Code	Content			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc Thread	●	●	●
N	NPT Thread	●	●	●
G	G Thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

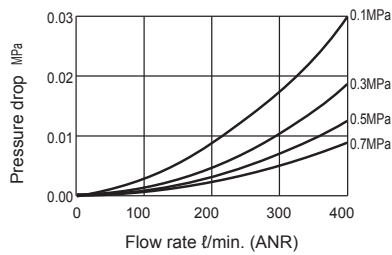
● Replacement element single unit model number

Element model No.	Odor removal filter element
Model	
SFC340	SFC340-ELEMENT
SFC440	SFC440-ELEMENT
SFC840	SFC840-ELEMENT

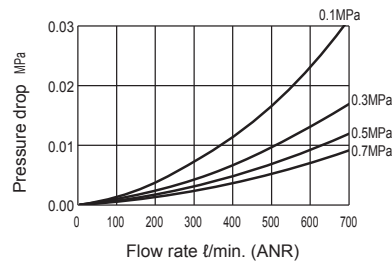
Flow characteristics



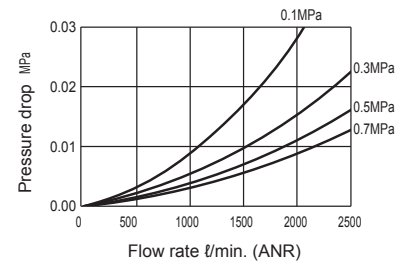
● SFC340



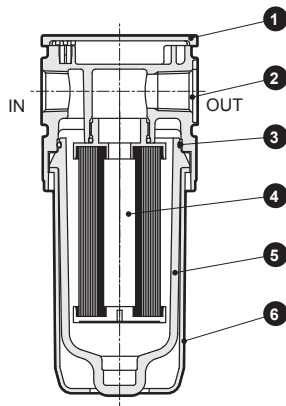
● SFC440



● SFC840



Internal structure and parts list

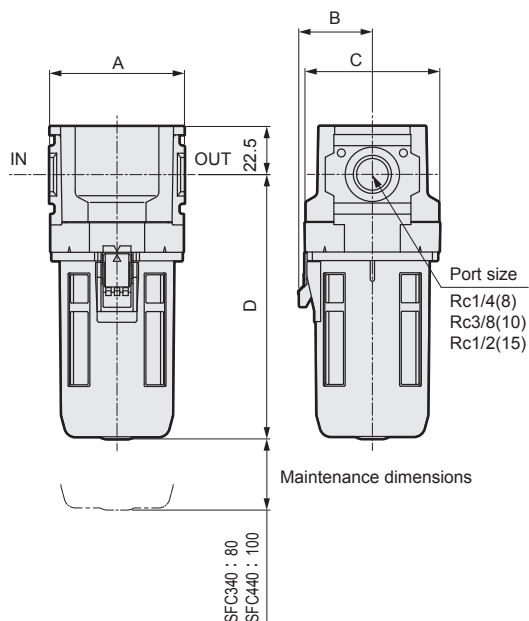


No.	Part name	Material		
		SFC340	SFC440	SFC840
1	Plate cover	ABS Resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Fiber activated carbon, PET		
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		

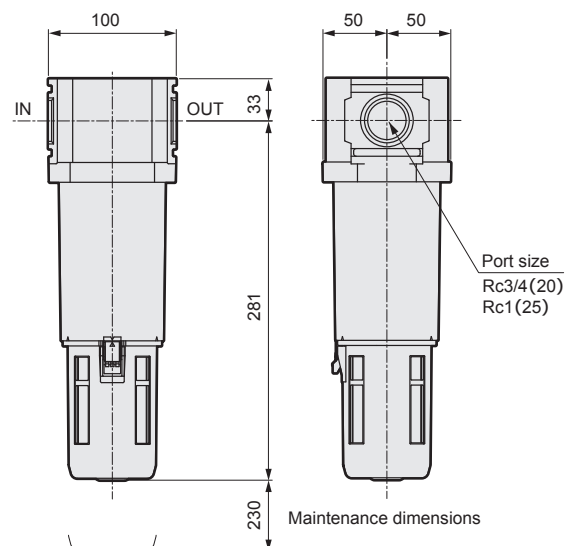
Dimensions



● SFC340/SFC440



● SFC840



Model No.	A	B	C	D
SFC340	63	34.5	63	123.5
SFC440	80	42.5	79	149



Materials compatible with the Food Sanitation Act

Materials compatible with FDA

Bacteria removing filter/inline

SFS10-FP2 Series

● Port size: Rc1/4, Rc3/8

Push-in fitting $\varnothing 8$, $\varnothing 10$, $\varnothing 12$

RoHS

CAD

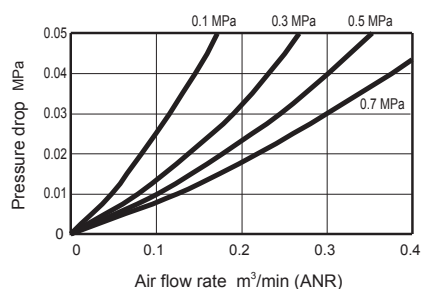
Specifications

Descriptions	Resin		Stainless steel	
	SFS10- (*1) (*2)		SFS10- (*1) (*2) -M	
Working fluid	Compressed air, Nitrogen gas(N ₂), Carbon dioxide (CO ₂)			
IN side bore size (*1)	Push-in fitting ø 8, ø 10, ø 12, Select from Rc1/4 and Rc3/8		Select from Rc1/4 and Rc3/8	
OUT side bore size (*2)				
Proof pressure MPa	1.5		2.25 (Compressed air), 1.5 (N ₂ , CO ₂)	
Differential pressure-resistant MPa	0.5			
Working pressure MPa	-0.095 to 0.99		-0.095 to 1.5 (Compressed air), -0.095 to 0.99 (N ₂ , CO ₂)	
Ambient/fluid temperatures °C	5 to 45			
Filtration μm	0.01 (removal efficiency 99.99%)			
Processing flow rate ℓ/min (ANR)	300 to 400 Note 1			
Weight kg	Push-in fitting	Thread	0.5	
	0.15	0.11		
Assembling/inspection/packageging	Integrated production in cleanroom			
Cleaning	Degreasing			
Element replacement	1 year (6000 hours) or pressure drop 0.1 MPa			

Note 1: Initial flow rate at primary pressure 0.7 MPa and pressure drop 0.03 MPa. (Differs according to port size.)

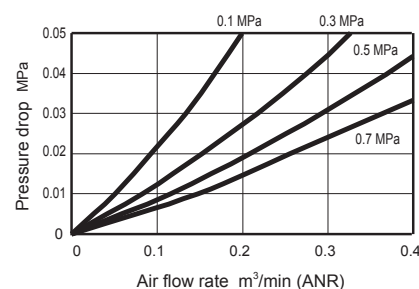
Flow characteristics

● SFS10-H8H8



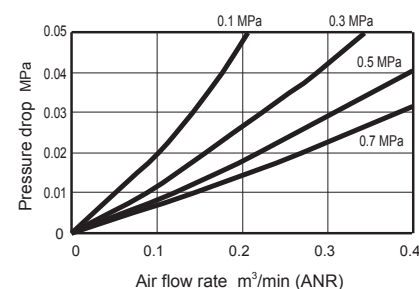
● SFS10-H10H10

● SFS10-88



● SFS10-H12H12

● SFS10-1010



How to order

● Resin

SFS10 - H8 H8 - FP2

Model No.

A IN side port size

B OUT side port size

A IN side port size	
H8	$\varnothing 8$
H10	$\varnothing 10$
H12	$\varnothing 12$
8	Rc1/4
10	Rc3/8
B OUT side port size	
H8	$\varnothing 8$
H10	$\varnothing 10$
H12	$\varnothing 12$
8	Rc1/4
10	Rc3/8

● Stainless steel (custom order)

SFS10 - 8 8 - M - FP2

Model No.

A IN side port size

B OUT side port size

A IN side port size	
8	Rc1/4
10	Rc3/8
B OUT side port size	
8	Rc1/4
10	Rc3/8

*1: Two mounting screws (M3 $\times$ 40), two plain washers, and two spring washers are attached with the product.

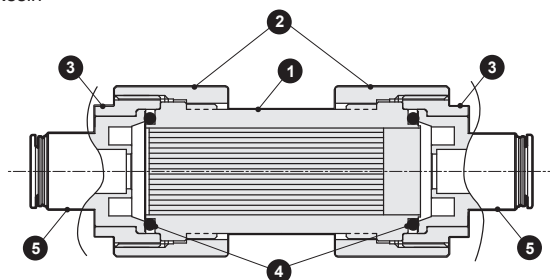
● Single unit model number for replacement element (1 element, 2 O-rings)

• For resin type: **SFS10-E**

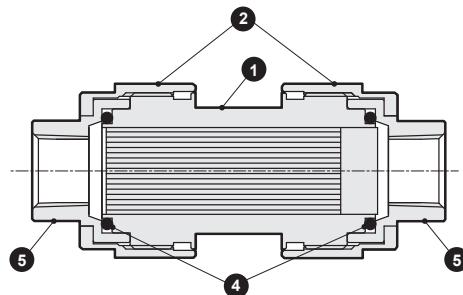
• Stainless steel type: **SFS10-E-M**

Internal structure and parts list

● Resin



● Stainless steel



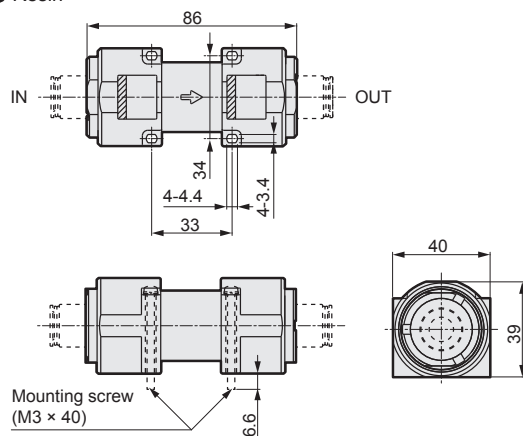
● Parts list

No.	Part name	Resin	Stainless steel
1	Housing	Clear polyamide	Stainless steel
	Filter	Polypropylene	
	Filler material	Urethane rubber resin	
2	Body	Polyamide resin	Stainless steel
3	Plug	Polyamide resin	-
4	O-ring	Fluoro rubber	Fluoro rubber
5	Cartridge fitting (Port size $\varnothing 8$, $\varnothing 10$, $\varnothing 12$)	Copper alloy (nickeling) Fluoro rubber Push ring: stainless steel	-
	Adaptor (Port size Rc1/4, Rc3/8)	Aluminum (Alumite treatment)	Stainless steel

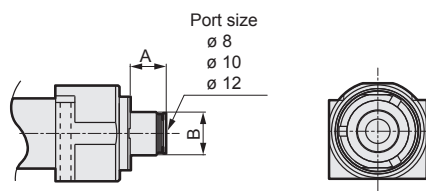
Dimensions



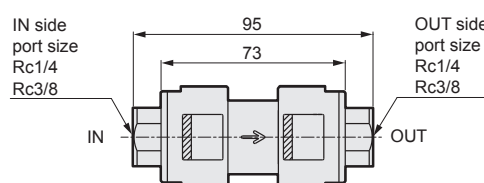
● Resin



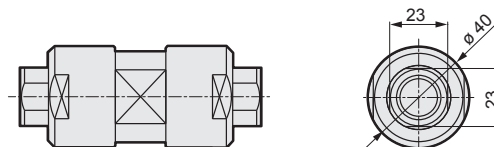
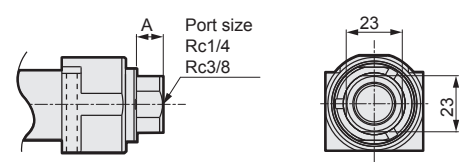
Connection model No.	Port size	A	B
H8	$\varnothing 8$ Push-in fitting	12	$\varnothing 17.5$
H10	$\varnothing 10$ Push-in fitting	14.5	$\varnothing 17.5$
H12	$\varnothing 12$ Push-in fitting	16	$\varnothing 19.5$
8	Rc1/4	11	-
10	Rc3/8	11	-

• Push-in fitting ($\varnothing 8$, $\varnothing 10$, $\varnothing 12$)

● Stainless steel



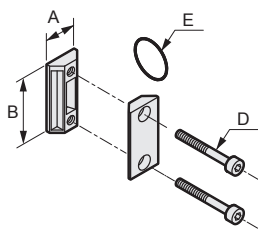
• Rc Thread (Rc1/4, Rc3/8)



Anti-bacterial/Bacteria Removing Filter

Joiner set

● Model No.: SFJ400-FP2
SFJ800-FP2



Material: Aluminum die-casting
Mounting screw with stainless steel

Model No.	Compatibility	A	B	C	D	E	Weight (kg)
SFJ400-FP2	SFC3 **Series SFC4 **Series	21	44	32	M5	Corresponds to JIS B2401-P21	0.036
SFJ800-FP2	SFC8 **Series	26	65	50	M6	Corresponds to AS568-127	0.094

Distributor

How to order

SFD401 - 00 - **8** - **B31** - FP2

A Model No.

B Port size

C Port thread

D T bracket

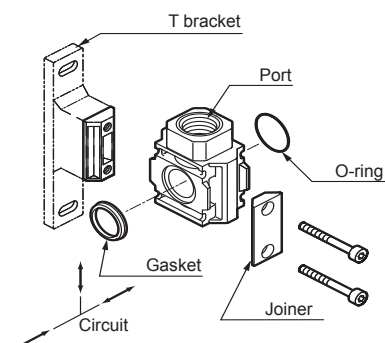
Precautions for

model No. selection

- *1: The joiner set (joiner, bolt, O-ring) and one gasket are attached as standard.
*2: Contact CKD regarding 2-way branch.

Code	Content
A Model No.	
SFD401	For SFC3 **Series For SFC4 **Series
SFD801	For SFC8 **Series
B Port size	
	SFD401 SFD801
8	●
10	●
15	●
20	●
25	●
C Port thread	
Blank	Rc Thread
N	NPT Thread
G	G Thread
D T bracket	
Blank	None
B31	SFC3 **Series
B41	SFC4 **Series
B81	SFC8 **Series

Assembly method



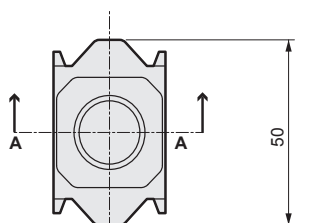
- *1: Insert the O-ring when mounting on the primary side, and the gasket when mounting on the secondary side for the air flow.
*2: When inserting the O-ring and gasket during assembly, the O-ring and gasket must not be bent.

Material: Aluminum die-casting
Mounting screw with stainless steel

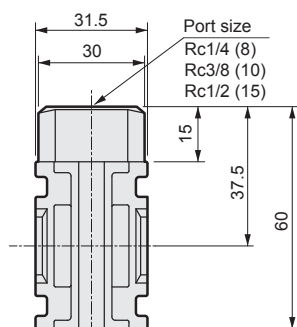
Dimensions

● SFD401-00-**-FP2

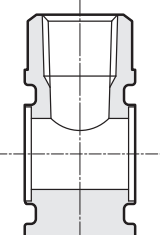
● SFD801-00-**-FP2



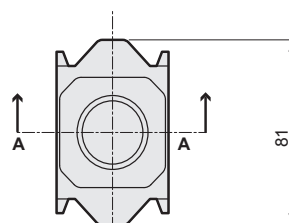
Top



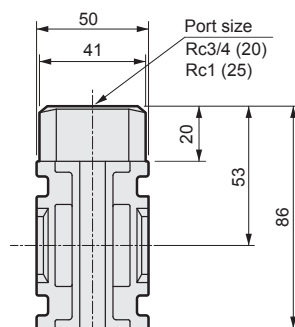
Front



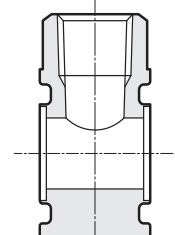
Cross section A-A



Top



Front



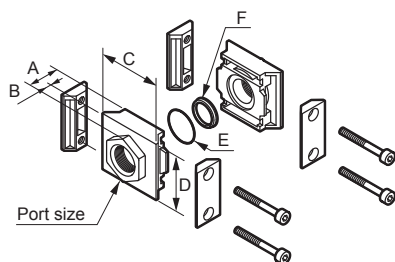
Cross section A-A

Anti-bacterial/Bacteria Removing Filter

Dimensions and applications

Pipe adaptor set

- Model No.: SFA400-*-FP2
SFA800-*-FP2



Material: Aluminum die-casting
Mounting screw with stainless steel

Model No.	Port size	A	B	C	D	E (O-ring)	F (Gasket)	Weight (kg)
SFA400-8-FP2	1/4	20	6	50	45	Corresponds to JIS B2401-P21 1 pc.	1 pc.	0.16
SFA400-10-FP2	3/8							
SFA400-15-FP2	1/2							
SFA800-20-FP2	3/4	35 (38)	15 (18)	81	66	Corresponds to AS568-127 1 pc.	1 pc.	0.53
SFA800-25-FP2	1							
SFA800-32-FP2	1 1/4							

* Numbers in () are for 1 1/4.