



Anti-bacterial/bacteria-removing filter combination

SFC307/SFC407-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD

Specifications

Item		SFC307	SFC407
System components	(1) Anti-bacterial pre-filter	SFC310	SFC410
	(2) Anti-bacterial high performance filter	SFC320	SFC420
	(3) Bacteria removing filter	SFC330	SFC430
Working fluid		Compressed air, nitrogen gas (N ₂) and 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 rating μm		0.01 (removal efficiency 99.99%)	
Max. processing flow rate *1L/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 (included)	
Element replacement		1 year (6000 hours) or pressure drop 0.1MPa	

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

How to order

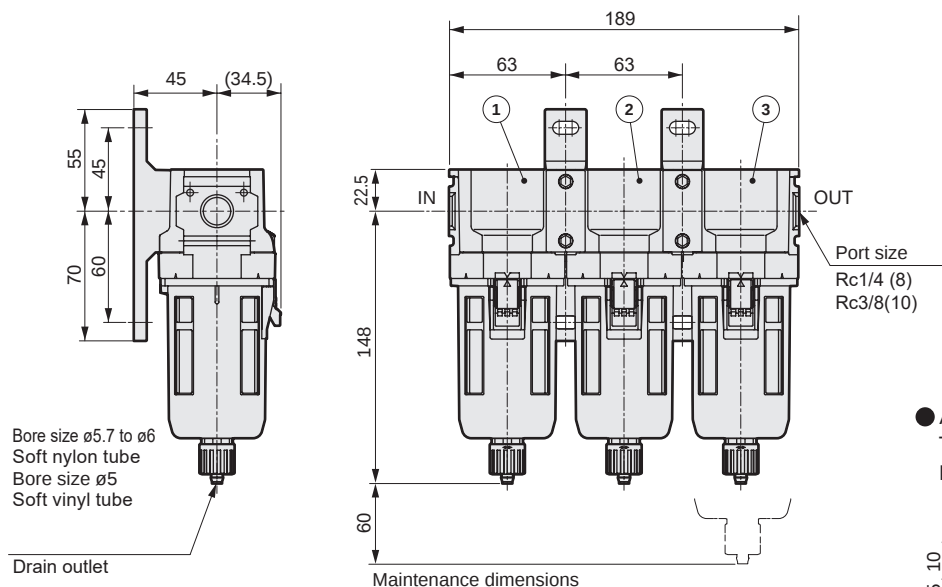
SFC307 - 10 - X1 - FP2		A Model No.	
A Model No.	B Port size	SFC307	SFC407
C Port thread	D Flow direction	B Port size	
		8	1/4
C Port thread	D Flow direction	10	3/8
		15	1/2
C Port thread	D Flow direction	C Port thread	
		Blank	Rc thread
C Port thread	D Flow direction	N	NPT thread
		G	G thread
C Port thread	D Flow direction	D Flow direction	
		Blank	Standard flow (left → right)
C Port thread	D Flow direction	X1	Reverse flow (right → left)

● Replacement model No. for single element unit

Element model No.	Anti-bacterial pre-filter Element	Anti-bacterial high performance filter Element	Bacteria removing filter Element
Model			
SFC307	SFC310-ELEMENT	SFC320-ELEMENT	SFC330-ELEMENT
SFC407	SFC410-ELEMENT	SFC420-ELEMENT	SFC430-ELEMENT

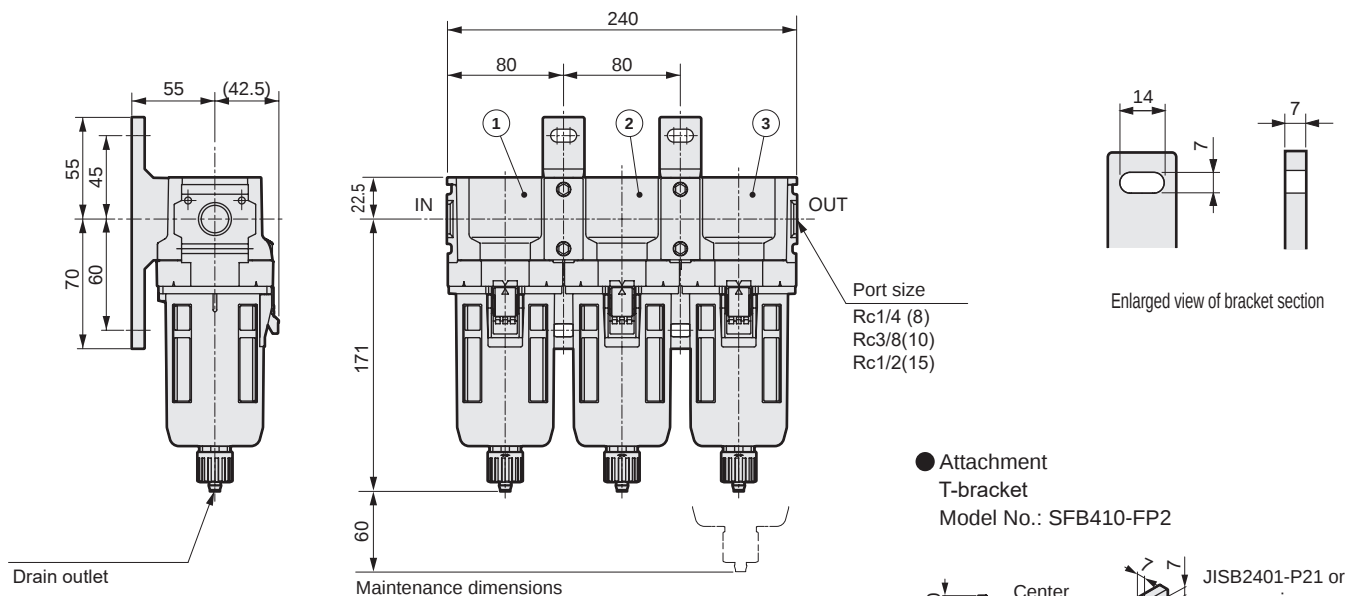
Dimensions

● SFC307



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

● SFC407



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

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR/L Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/bacteria-removing filter	Vacuum components	Fluid control valves

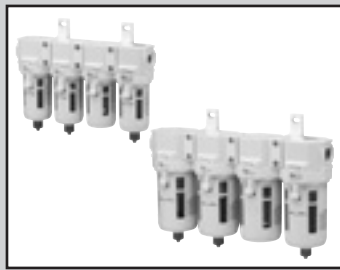
Anti-bacterial/bacteria-removing/odor removal filter combination

SFC309/SFC409-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD

**Specifications**

Item		SFC309	SFC409
System components	(1) Anti-bacterial pre-filter	SFC310	SFC410
	(2) Anti-bacterial high performance filter	SFC320	SFC420
	(3) Odor removal filter	SFC340	SFC440
	(4) Bacteria removing filter	SFC330	SFC430
Working fluid		Compressed air, nitrogen gas (N ₂) and 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 rating μm		0.01 (removal efficiency 99.99%)	
Secondary side oil concentration mg/m ³		0.003 or less *2	
Max. processing flow rate *1L/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 (included)	
Element replacement		1 year (6000 hours) or pressure drop 0.1MPa *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**SFC309 - 10 - X1 - FP2****A Model No.**

SFC309

SFC409

A Model No.

B Port size

C Port thread

D Flow direction

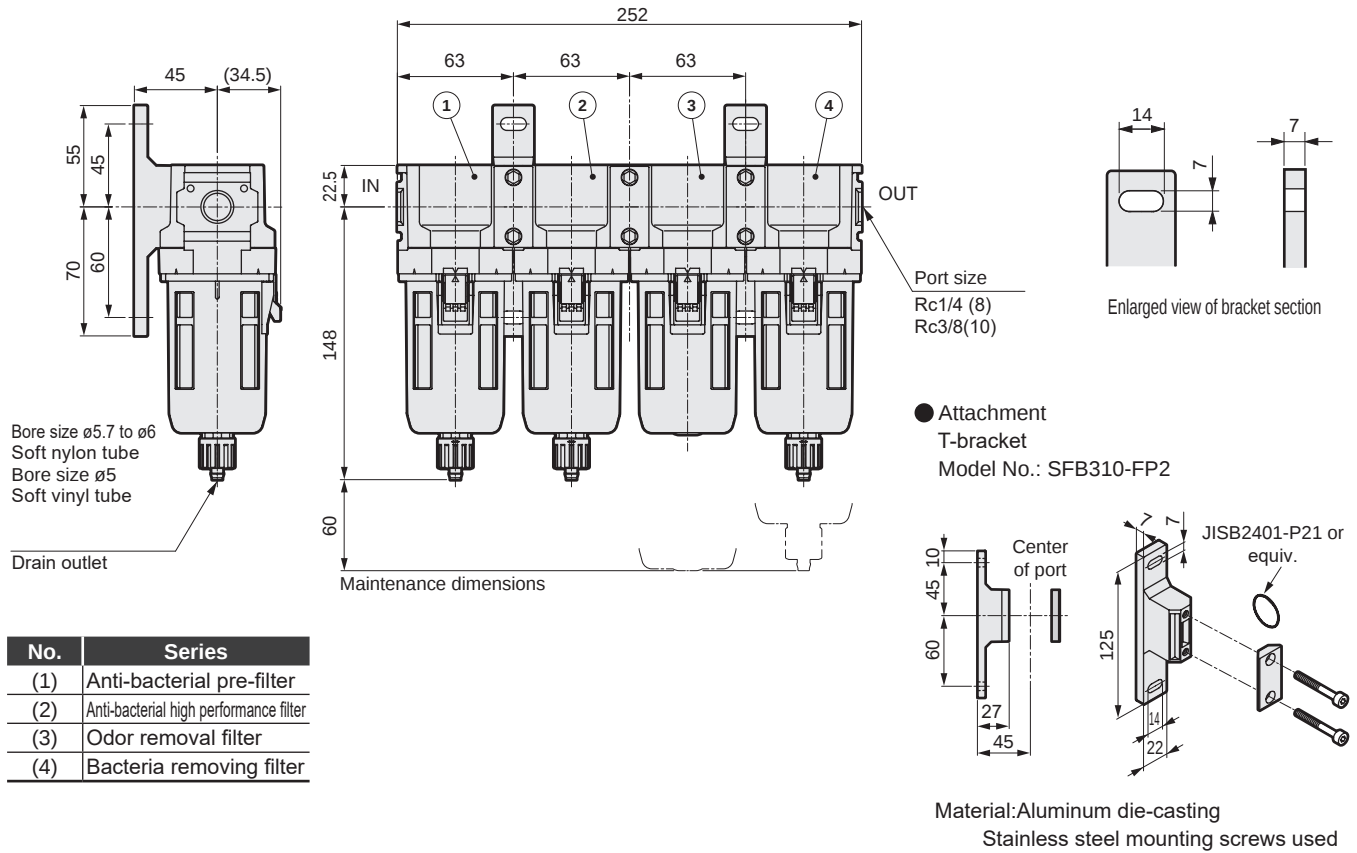
Code	Description	SFC309	SFC409
B Port size			
8	1/4	●	●
10	3/8	●	●
15	1/2		●
C Port thread			
Blank	Rc thread	●	●
N	NPT thread	●	●
G	G thread	●	●
D Flow direction			
Blank	Standard flow (left → right)	●	●
X1	Reverse flow (right → left)	●	●

● Replacement model No. for single element unit

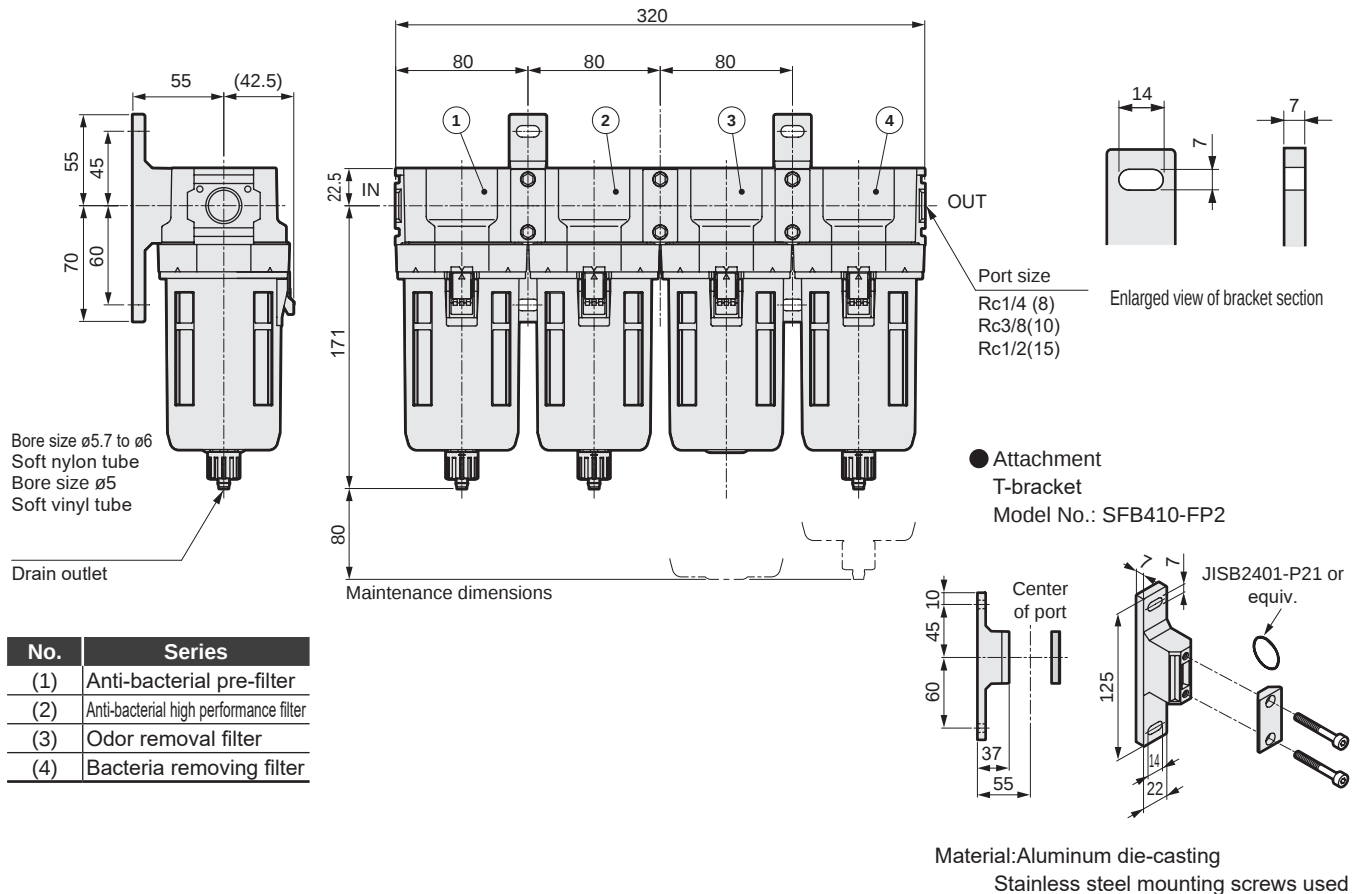
Element model No.	Anti-bacterial pre-filter Element	Anti-bacterial high performance filter Element	Bacteria removing filter Element	Odor removal filter Element
Model				
SFC309	SFC310-ELEMENT	SFC320-ELEMENT	SFC330-ELEMENT	SFC340-ELEMENT
SFC409	SFC410-ELEMENT	SFC420-ELEMENT	SFC430-ELEMENT	SFC440-ELEMENT

Dimensions

● SFC309



● SFC409



Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR/L Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/bacteria-removing filter	Vacuum components	Fluid control valves
FP1										FP2	

Material compatible with the Food Sanitation Act

FDA compliant materials



Anti-bacterial combination

SFC306/SFC406/SFC806-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD

Specifications

Item			SFC306	SFC406	SFC806
System components	(1)	Anti-bacterial pre-filter	SFC310	SFC410	SFC810
	(2)	Anti-bacterial high performance filter	SFC320	SFC420	SFC820
Working fluid			Compressed air, nitrogen gas (N ₂) and 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 rating			μm 0.1 (removal efficiency 99% and over)		
Max. processing flow rate *1L/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 (included)		
Element replacement			1 year (6000 hours) or pressure drop 0.1MPa		

*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

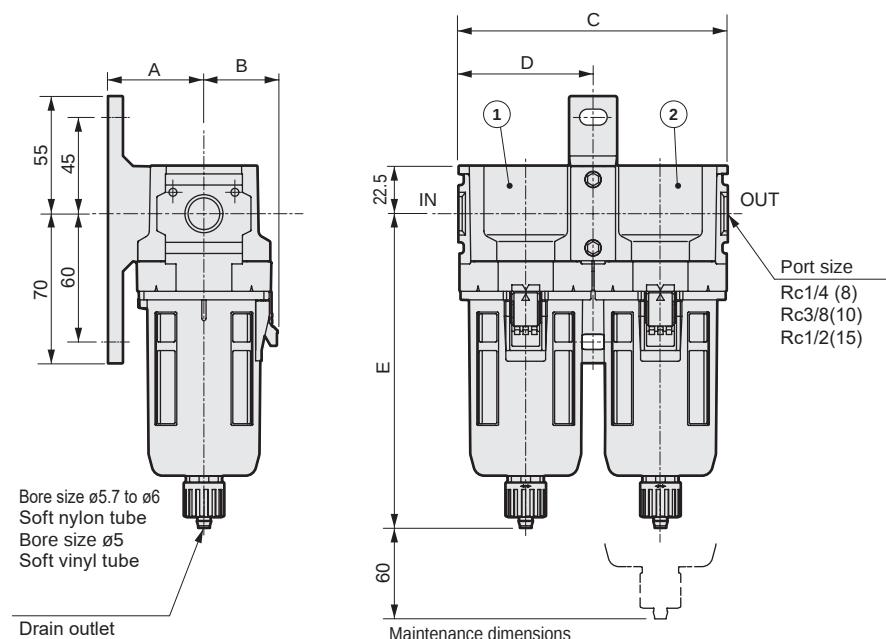
		A Model No.		
		SFC306	SFC406	SFC806
Code	Description			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc thread	●	●	●
N	NPT thread	●	●	●
G	G thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement model No. for single element unit

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

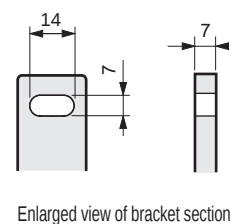
Dimensions

● SFC306/SFC406



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



● Attachment

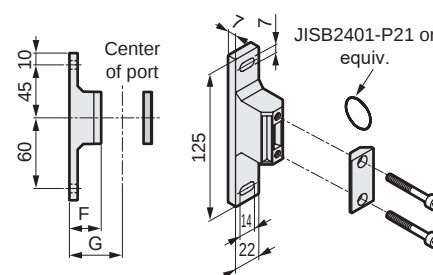
T-bracket

Model No.: SFB310-FP2

(Applicable models: SFC306)

SFB410-FP2

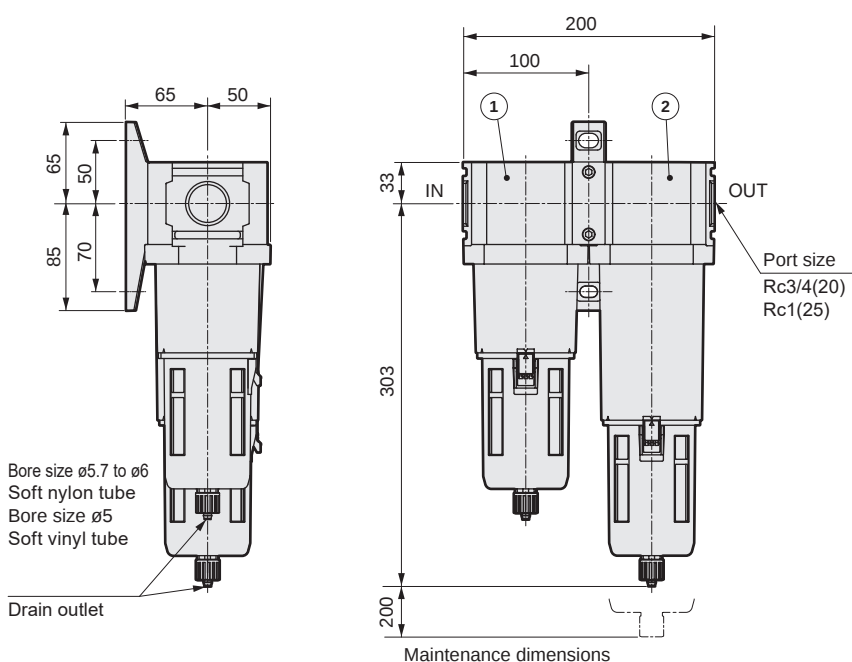
(Applicable models: SFC406)



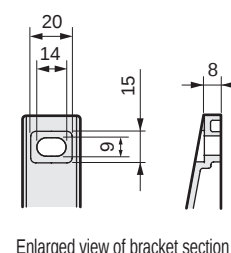
Material: Aluminum die-casting

Stainless steel mounting screws used

● SFC806



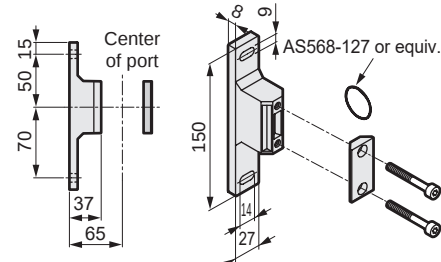
No.	Series
(1)	Anti-bacterial pre-filter
(2)	Anti-bacterial high performance filter



● Attachment

T-bracket

Model No.: SFB810-FP2



Material:Aluminum die-casting

Stainless steel mounting screws used

Material compatible with the Food Sanitation Act

FDA compliant materials

Anti-bacterial/odor removal filter combination

SFC308/SFC408/SFC808-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD



Specifications

Item		SFC308	SFC408	SFC808
System components	(1) Anti-bacterial pre-filter	SFC310	SFC410	SFC810
	(2) Anti-bacterial high performance filter	SFC320	SFC420	SFC820
	(3) Odor removal filter	SFC340	SFC440	SFC840
Working fluid		Compressed air, nitrogen gas (N ₂) and 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 rating		μm 0.1 (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)		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 (included)		
Element replacement		1 year (6000 hours) or pressure drop 0.1MPa *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

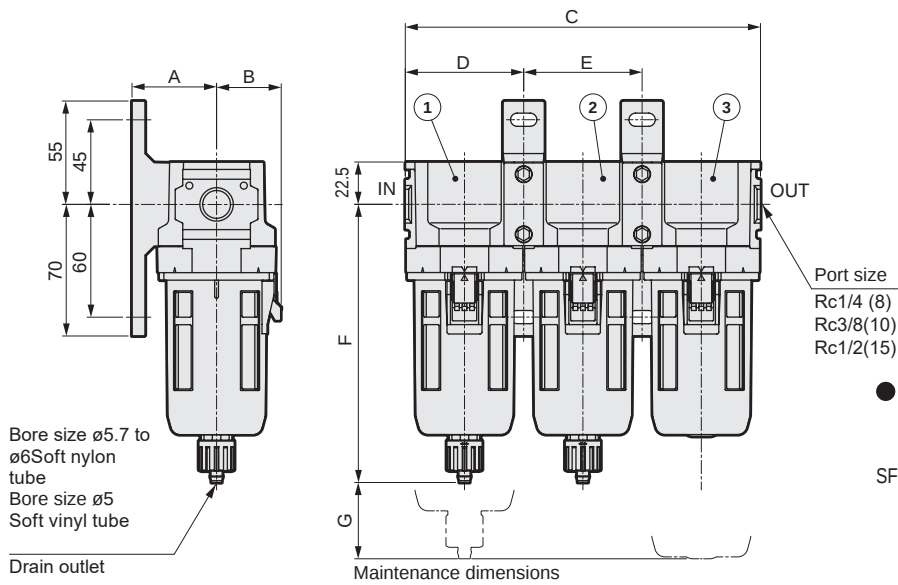
SFC308 - 10 - X1 - FP2		A Model No.		
A Model No.	B Port size	C Port thread	D Flow direction	
Code	Description	SFC308	SFC408	SFC808
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc thread	●	●	●
N	NPT thread	●	●	●
G	G thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement model No. for single element unit

Element model No.	Anti-bacterial pre-filter Element	Anti-bacterial high performance 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

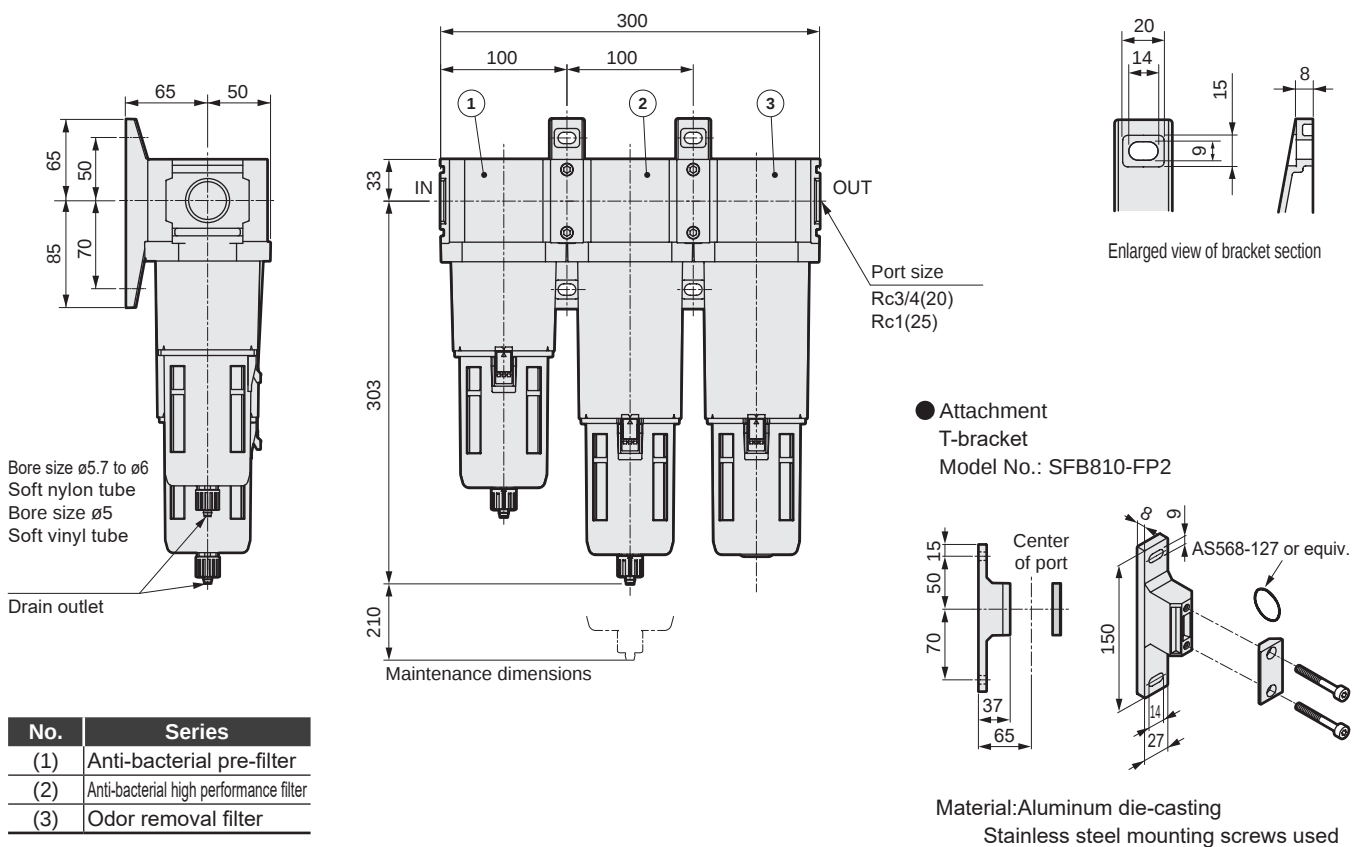
● SFC308/SFC408



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

● SFC808



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

Electric actuator	Pneumatic cylinders	Assistive device	Pneumatic valves	FR/L Auxiliary Components Electronic Component	Vacuum components	Main line components	Fluid control valves	Main line components	Anti-bacterial/ bacteria-removing filter	Vacuum components	Fluid control valves

Material compatible with the Food Sanitation Act

FDA compliant materials

Anti-bacterial pre-filterFilter

SFC310/SFC410/SFC810-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD



Specifications

Item	SFC310	SFC410	SFC810
Working fluid	Compressed air, nitrogen gas (N ₂) and 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 rating μm	5 (removal efficiency 90% and over)		
Max. processing flow rate *1L/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 (included)		
Element replacement	1 year (6000 hours) or pressure drop 0.1MPa		

*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.

● B Port size

● C Port thread

● D Flow direction

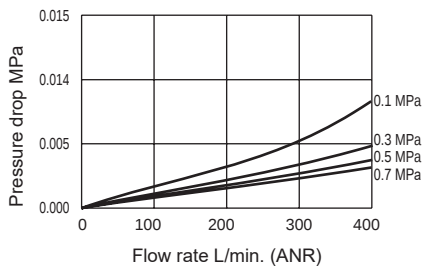
		A Model No.		
		SFC310	SFC410	SFC810
Code	Description			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc thread	●	●	●
N	NPT thread	●	●	●
G	G thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement model No. for single element unit

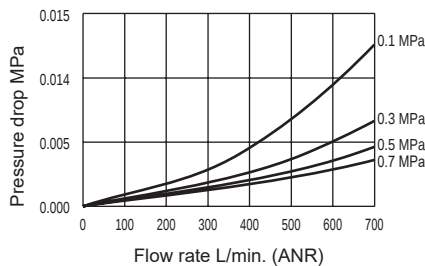
Element model No.	Anti-bacterial pre-filter Element
SFC310	SFC310-ELEMENT
SFC410	SFC410-ELEMENT
SFC810	SFC810-ELEMENT

Flow characteristics

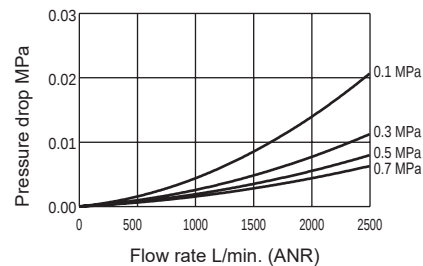
● SFC310



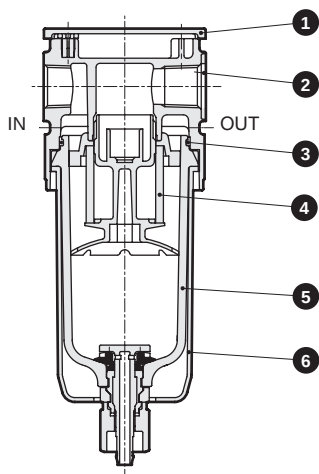
● SFC410



● SFC810



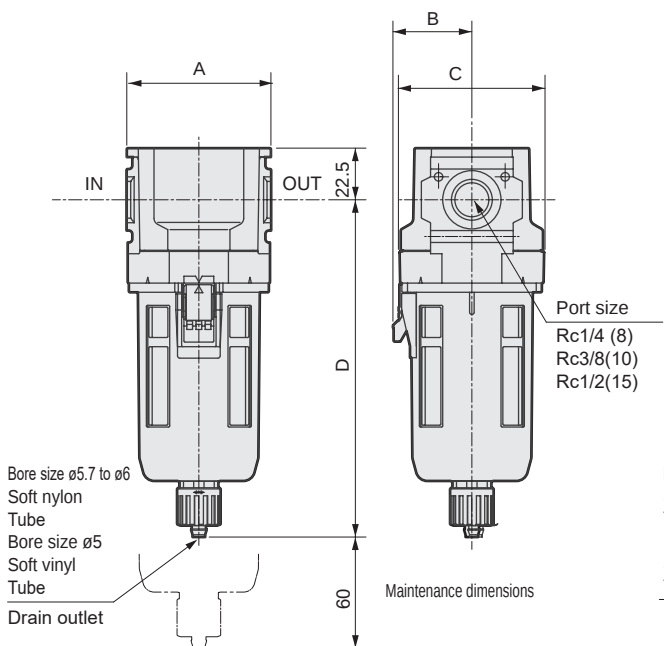
Internal structure and parts list



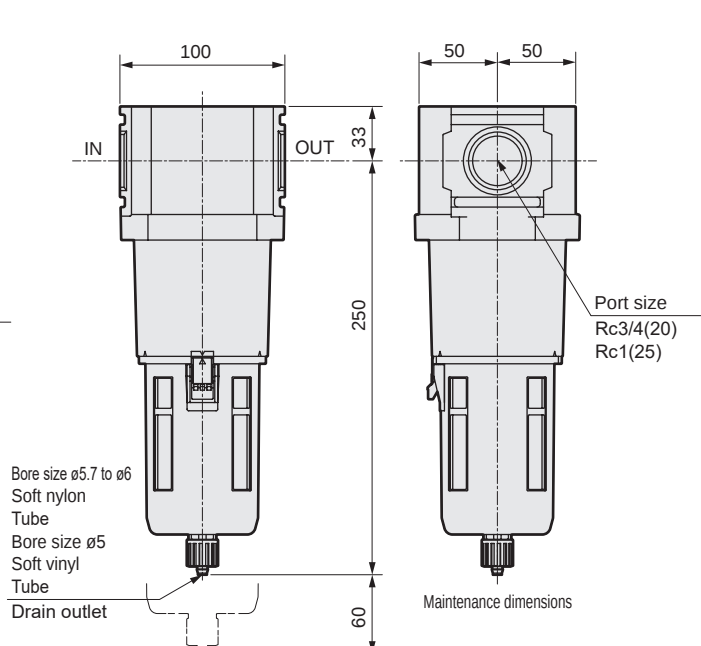
No.	Part name	Material		
		SFC310	SFC410	SFC810
1	Plate cover	ABS resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Polyethylene, polypropylene, etc.		
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		
7	Drain cock	Polyacetal resin		

Dimensions

● SFC310, SFC410



● SFC810



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

Material compatible with the Food Sanitation Act

FDA compliant materials

Anti-bacterial high performance filter

SFC320/SFC420/SFC820-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD



Specifications

Item	SFC320	SFC420	SFC820
Working fluid	Compressed air, nitrogen gas (N ₂) and 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 rating μm	0.1 (removal efficiency 99% and over)		
Max. processing flow rate *1L/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 (included)		
Element replacement	1 year (6000 hours) or pressure drop 0.1MPa		

*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

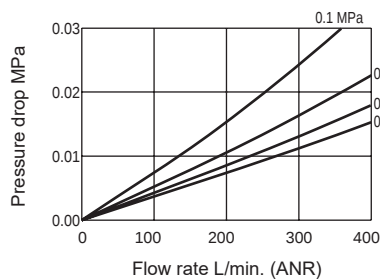
		A Model No.		
		SFC320	SFC420	SFC820
Code	Description			
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc thread	●	●	●
N	NPT thread	●	●	●
G	G thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement model No. for single element unit

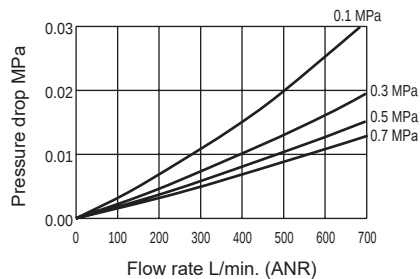
Element model No.	Anti-bacterial high performance filter Element
SFC320	SFC320-ELEMENT
SFC420	SFC420-ELEMENT
SFC820	SFC820-ELEMENT

Flow characteristics

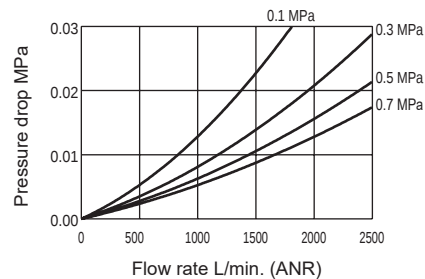
● SFC320



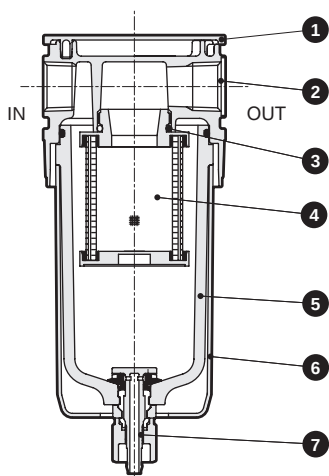
● SFC420



● SFC820



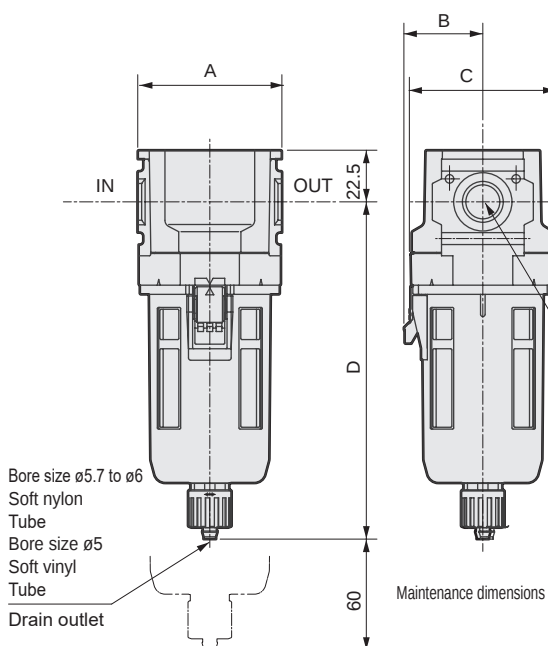
Internal structure and parts list



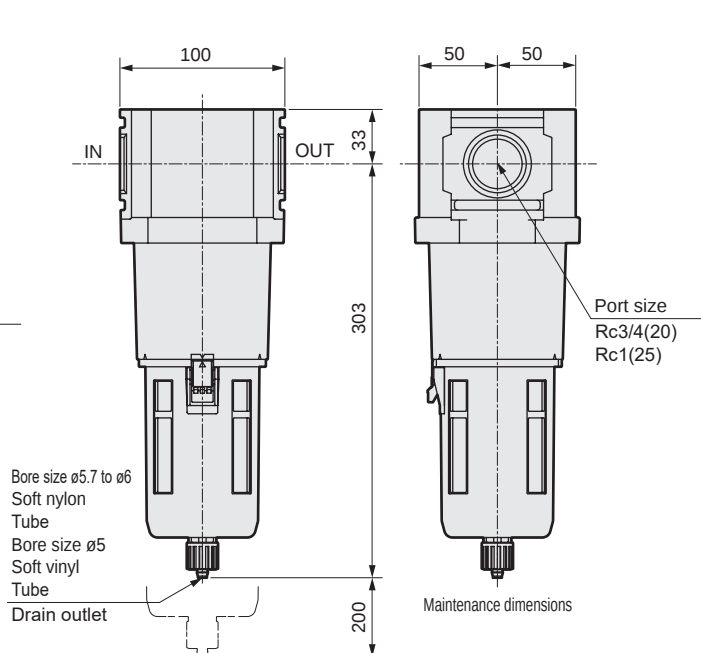
No.	Part name	Material		
		SFC320	SFC420	SFC820
1	Plate cover	ABS resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Glass fiber, polypropylene		Glass fiber, PET, etc.
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		
7	Drain cock	Polyacetal resin		

Dimensions

● SFC320, SFC420



● SFC820



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

Material compatible with the Food Sanitation Act

FDA compliant materials

Bacteria removing filter

SFC330/SFC430-FP2 Series

● Port size: 1/4 to 1/2

RoHS

CAD



Specifications

Item	SFC330	SFC430
Working fluid	Compressed air, nitrogen gas (N ₂) and 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 rating 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 (included)	
Element replacement	1 year (6000 hours) or pressure drop 0.1MPa	

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

How to order

SFC330 - **10** - **X1** - **FP2**

A Model No.

SFC330

SFC430

A Model No.

B Port size

C Port thread

D Flow direction

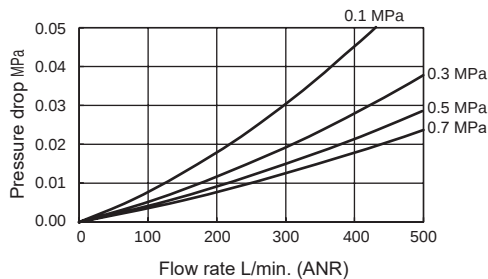
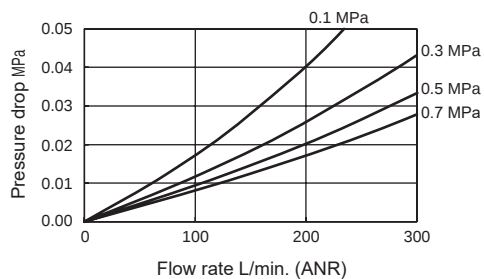
Code	Description	SFC330	SFC430
B Port size			
8	Rc1/4	●	●
10	Rc3/8	●	●
15	Rc1/2		●
C Port thread			
Blank	Rc thread	●	●
N	NPT thread	●	●
G	G thread	●	●
D Flow direction			
Blank	Standard flow (left → right)	●	●
X1	Reverse flow (right → left)	●	●

● Replacement model No. for single element unit

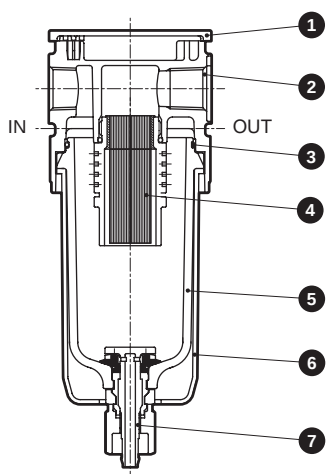
Element model No.	Bacteria removing filter Element
SFC330	SFC330-ELEMENT
SFC430	SFC430-ELEMENT

Flow characteristics

● SFC330 ● SFC430



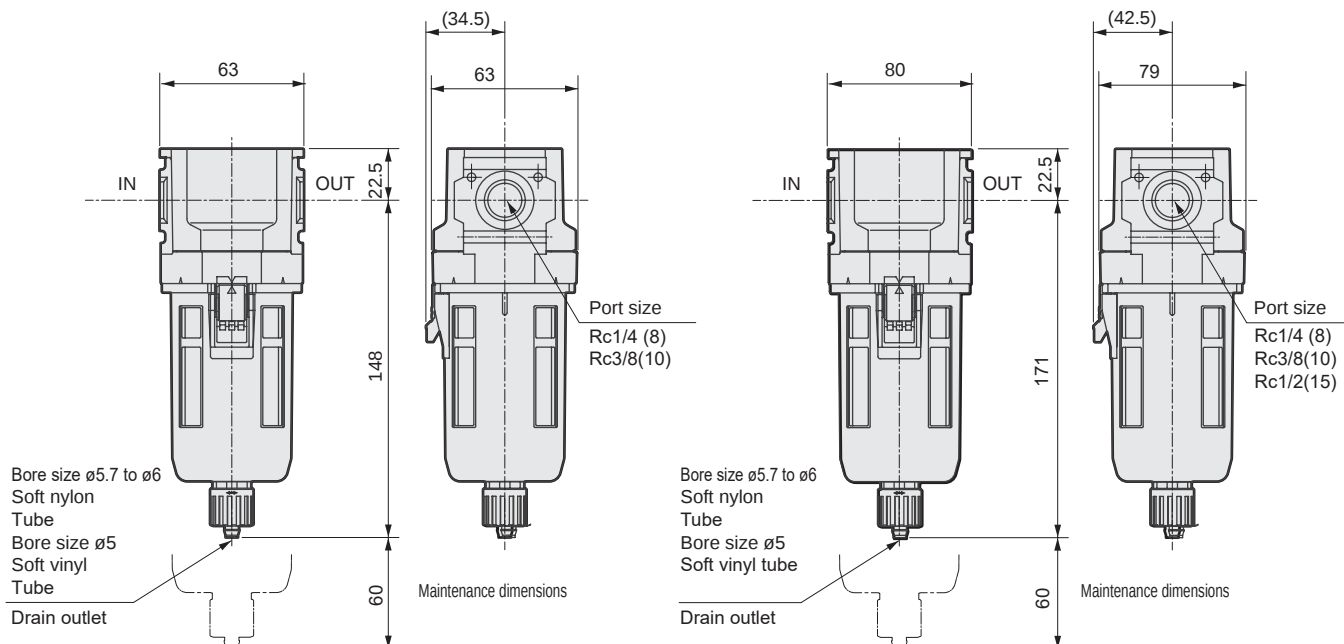
Internal structure and parts list



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	

Dimensions

● SFC330 ● SFC430



Deodorizing Filter

SFC340/SFC440/SFC840-FP2 Series

● Port size: 1/4 to 1

RoHS

CAD



Specifications

Item	SFC340	SFC440	SFC840
Working fluid	Compressed air, nitrogen gas (N ₂) and 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 (included)		
Element replacement	1 year (6000 hours) or pressure drop 0.1MPa *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

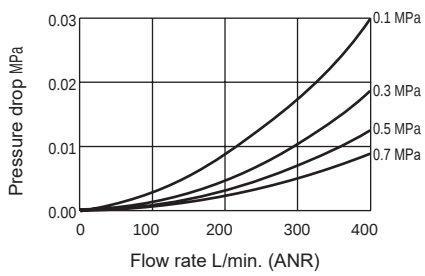
Code	Description	A Model No.		
		SFC340	SFC440	SFC840
B Port size				
8	1/4	●	●	
10	3/8	●	●	
15	1/2		●	
20	3/4			●
25	1			●
C Port thread				
Blank	Rc thread	●	●	●
N	NPT thread	●	●	●
G	G thread	●	●	●
D Flow direction				
Blank	Standard flow (left → right)	●	●	●
X1	Reverse flow (right → left)	●	●	●

● Replacement model No. for single element unit

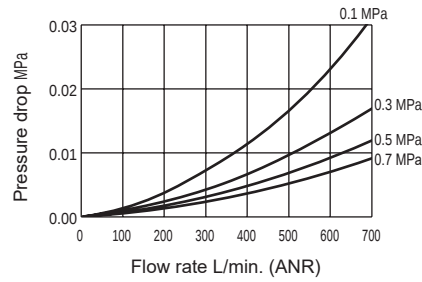
Element model No.	Odor removal filter element
Model	
SFC340	SFC340-ELEMENT
SFC440	SFC440-ELEMENT
SFC840	SFC840-ELEMENT

Flow characteristics

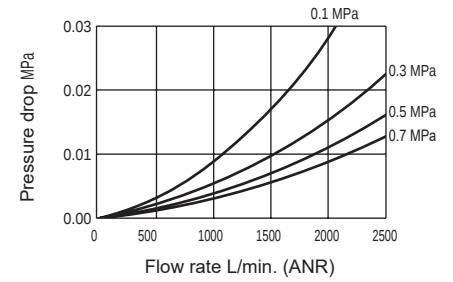
● SFC340



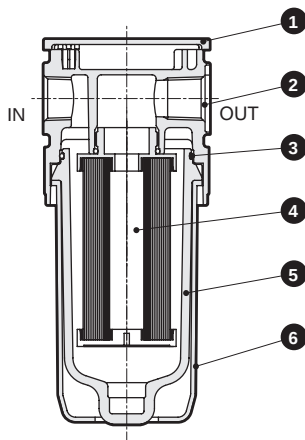
● SFC440



● SFC840



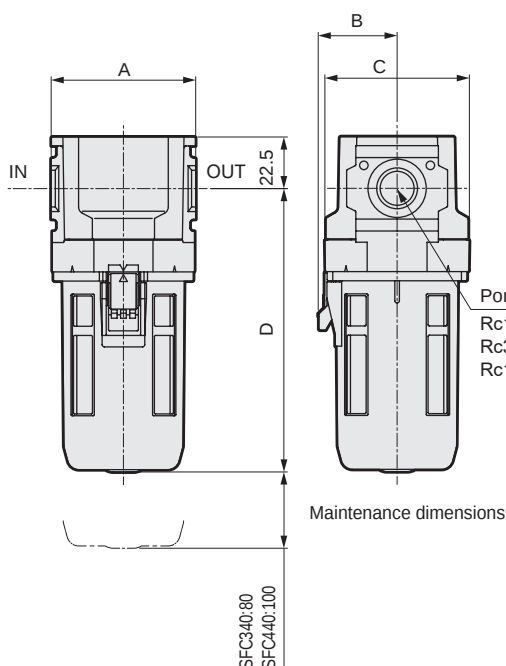
Internal structure and parts list



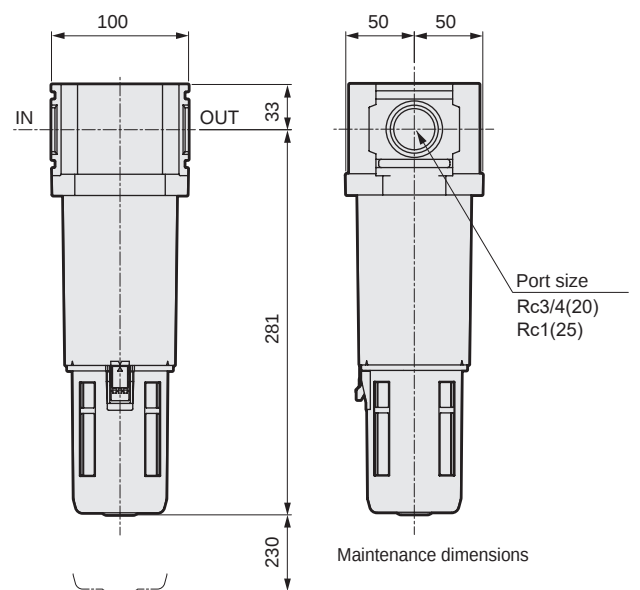
No.	Part name	Material		
		SFC340	SFC440	SFC840
1	Plate cover	ABS resin		
2	Body	Aluminum alloy die-casting		
3	O-ring	Fluoro rubber		
4	Element	Fiber activated carbon, PET		
5	Bowl	Polyamide resin		
6	Bowl guard	Polyamide resin		

Dimensions

● SFC340, SFC440



● SFC840



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



Bacteria removing filter/inline type

SFS10-FP2 Series

● Port size: Rc1/4, Rc3/8

Push-in fitting ø8, ø10, ø12



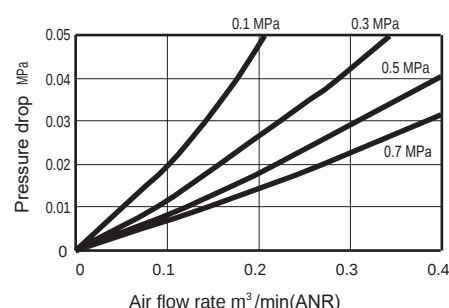
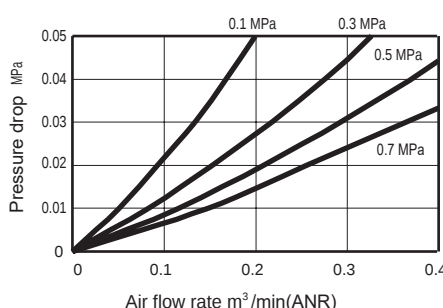
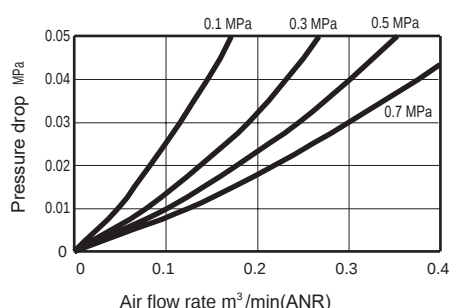
Specifications

Item	Resin		Stainless steel
	SFS10-(*) (*2)		SFS10-(*) (*2)-M
Working fluid	Compressed air, nitrogen gas (N2) and carbon dioxide (CO2)		
IN side bore size (*1)	Push-in fitting ø8, ø10, ø12, 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 (N2, CO2)
Differential pressure-resistantMPa	0.5		
Working pressure MPa	-0.095 to 0.99		-0.095 to 1.5 (compressed air), -0.095 to 0.99 (N2, CO2)
Ambient/fluid temperatures°C	5 to 45		
Filtration rating μm	0.01 (removal efficiency 99.99%)		
Processing flow rate L/min (ANR)	300 to 400 *1		
Weight kg	Push-in fitting	Thread	0.5
	0.15	0.11	
Assembling/inspection/packaging	Integrated production in cleanroom		
Cleaning	Degreasing		
Element replacement	1 year (6000 hours) or pressure drop 0.1MPa		

*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 sizeB OUT side
Port size

A IN side port size	
H8	ø8
H10	ø10
H12	ø12
8	Rc1/4
10	Rc3/8
B OUT side port size	
H8	ø8
H10	ø10
H12	ø12
8	Rc1/4
10	Rc3/8

● Stainless steel (made to order)

SFS10 - 8 8 - M - FP2

Model No.

A IN side
Port sizeB 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 (M3×40), two plain washers, and two spring washers are included with the product

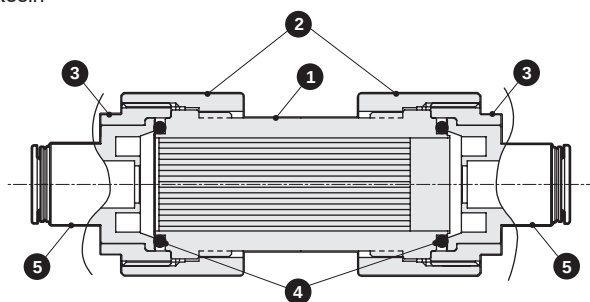
● Single unit model number for replacement element (1 element, 2 O-rings)

• For resin: SFS10-E

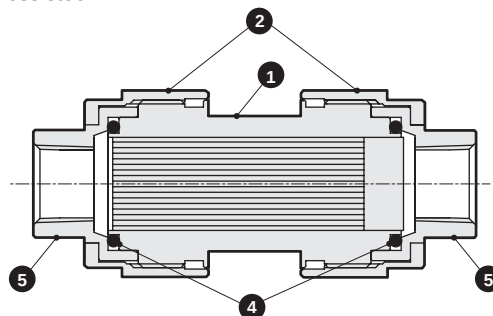
• Stainless steel: SFS10-E-M

Internal structure and parts list

● Resin



● Stainless steel

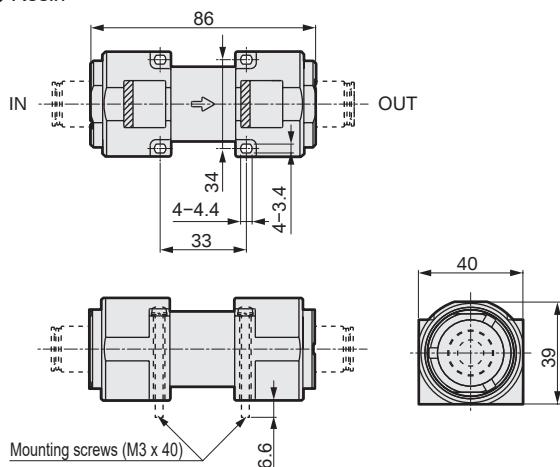


● Parts list

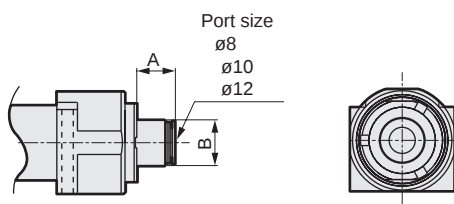
No.	Part name	Resin	Stainless steel
1	Housing	Clear polyamide	Stainless steel
	Filter	Polypropylene	
	Filler material	Urethane rubber resin	
2	Body	Polyamide resin	Stainless steel
3	Plug	Polyamide resin	-
4	O-ring	Fluoro rubber	Fluoro rubber
5	Cartridge fitting (Port size $\phi 8$, $\phi 10$, $\phi 12$)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

Dimensions

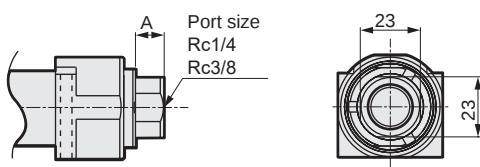
● Resin



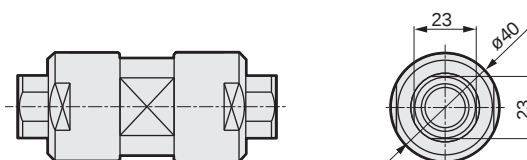
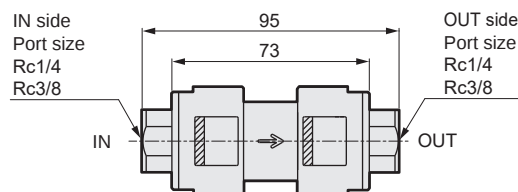
Connector No.	Port size	A	B
H8	$\phi 8$ push-in fitting	12	$\phi 17.5$
H10	$\phi 10$ push-in fitting	14.5	$\phi 17.5$
H12	$\phi 12$ push-in fitting	16	$\phi 19.5$
8	Rc1/4	11	-
10	Rc3/8	11	-

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

• Rc threads (Rc1/4, Rc3/8)



● Stainless steel

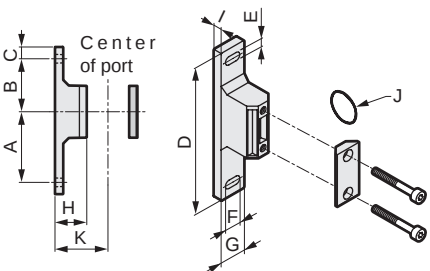


Anti-bacterial/bacteria-removing filter

FP1
Electric actuator
Pneumatic cylinders
Assistive device
Pneumatic valves
FRL/Auxiliary Components
Electronic Component
Vacuum components
Main line components
Fluid control valves
Main line components
Anti-bacterial/bacteria-removing filter
FP2
Vacuum components
Fluid control valves

T-bracket set

● Model No.: SFB310-FP2/SFB410-FP2/SFB810-FP2

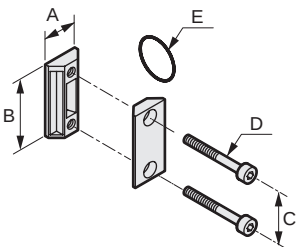


• Material: Aluminum alloy die-casting
Stainless steel mounting screws used

Model No.	Compatibility	A	B	C	D	E	F	G	H	I	J	K	Weight (kg)
SFB310-FP2	SFC3** Series	60	45	10	125	7	14	22	27	7	JISB2401-P21	45	0.086
SFB410-FP2	SFC4** Series	60	45	10	125	7	14	22	37	7	JISB2401-P21	55	0.094
SFB810-FP2	SFC8** Series	70	50	15	150	9	14	27	37	8	AS568-127	65	0.169

Joiner set

● Model No.: SFJ400-FP2
SFJ800-FP2



Material: Aluminum die-casting
Stainless steel mounting screws used

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

Distributor

How to order

SFD401 - 00 - **8** - **B+31** - FP2

A Model No.

B Port size

C Port thread

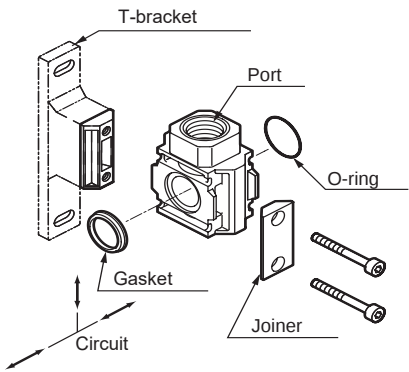
D T-bracket

Code	Description
A Model No.	
SFD401	For SFC3** Series
	For SFC4** Series
SFD801	For SFC8** Series
B Port size	
	SFD401SFD801
8	●
10	●
15	●
20	●
25	●
C Port thread	
Blank	Rc thread
N	NPT thread
G	G thread
D T-bracket	
Blank	No
B + 31	SFC3** Series
B + 41	SFC4** Series
B + 81	SFC8** Series

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.

Assembly method

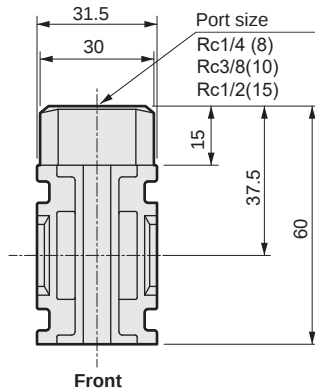
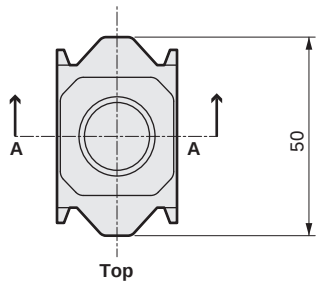


*1: Insert the O-ring when mounting on the primary side, and the gasket when mounting on the secondary side for the air flow.
*2: When inserting the O-ring and gasket during assembly, the O-ring and gasket must not be bent.

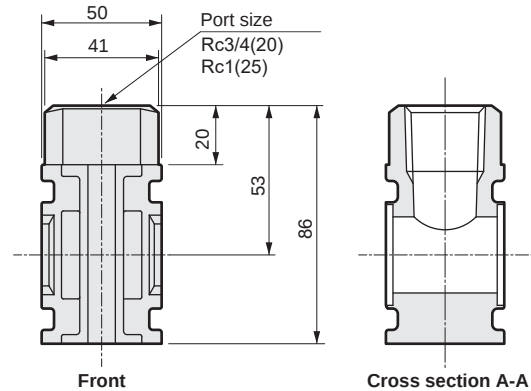
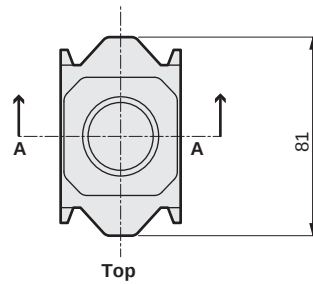
Material: Aluminum die-casting
Stainless steel mounting screws used

Dimensions

● SFD401-00-**-FP2



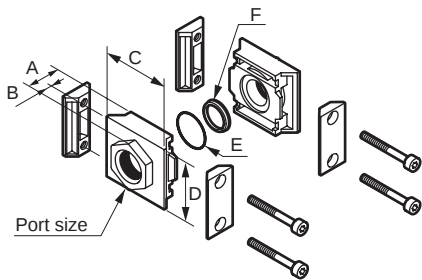
● SFD801-00-**-FP2



Dimensions and applications

Pipe adaptor set

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



Material: Aluminum die-casting
Stainless steel mounting screws used

Model No.	Port size	A	B	C	D	E (O-ring)	F (gasket)	Weight (kg)
SFA400-8-FP2	1/4	20	6	50	45	JISB2401 P21 or equiv. 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	AS568-127 or equiv. 1 pc.	1 pc.	0.53
SFA800-25-FP2	1							
SFA800-32-FP2	1 1/4							

Note: Numbers in () are for 1 1/4

FP1

Electric actuator

Pneumatic cylinders

Assistive device

Pneumatic valves

FRL/Auxiliary Components Electronic Component

Vacuum components

Main line components

Fluid control valves

Main line components

Anti-bacterial/bacteria-removing filter

Vacuum components

Fluid control valves

FP2