



Pneumatic, Vacuum and Auxiliary Components  
Catalog No. CB-024SA

Air filter

# F1000/F2000/F3000 F4000/F6000/F8000-W-FP1 Series

5 μm element is used for dust removal.

● Port size: Rc1/8 to Rc1

JISCode



## Specifications

Item	F1000-W	F2000-W	F3000-W	F4000-W	F6000-W	F8000-W
Appearance						
Working fluid	Compressed air					
Max. working pressure MPa	1.0 *1, 2, 3					
Proof pressure MPa	1.5 *1					
Ambient/fluid temperatures °C	5 to 60					
Degree of filtration μm	5			5 or 0.3		
Drain capacity cm <sup>3</sup>	12	25	45	80	80	80 (*4)
Port size Rc *5	1/8, 1/4 (3/8 uses an adaptor)	1/4, 3/8 (1/2 uses an adaptor)		1/4, 3/8, 1/2 (3/4 uses an adaptor)	3/4, 1 (1 1/4 uses an adaptor)	3/4, 1 (1 1/4 uses an adaptor)
Weight kg	0.087	0.24	0.25	0.45	0.9	1.16
Standard accessories	Bowl guard					

\*1: When using F1000-W Series "F1" with auto-drain, the min. working pressure is 0.2MPa, the max. working pressure is 0.7MPa and the proof pressure is 1.05MPa. For the max. flow rate, refer to the max. working flow rate table of F1000-W-F1 with auto-drain (table below). Set the working flow rate to less than or equal to the max. working flow rate. When using F-2000W Series "F1" with auto-drain, refer to the max. working flow rate (table below). The working flow rate must be less than the max. working flow rate.

\*2: In the case of "F" with auto-drain, the min. working pressure of auto-drain is 0.1 MPa. Air is purged with initial drain until pressure reaches 0.1 MPa.

\*3: In the case of "F1" with auto-drain, the min. working pressure of auto-drain is 0.15MPa.

\*4: The max. capacity of the manual drain cock is 170cm<sup>3</sup>.

\*5: NPT and G threads can be manufactured with CKD Sales.

### ● F1000-W-F1 with auto-drain Max. working flow rate (m<sup>3</sup>/min(ANR))

Primary pressure MPa	0.2	0.3	0.4	0.5	0.6	0.7
Port size						
6	0.185	0.250	0.310	0.375	0.435	0.500
8	0.225	0.300	0.375	0.450	0.525	0.600

### ● F2000-W-F1 with auto-drain Max. working flow rate (m<sup>3</sup>/min(ANR))

Primary pressure MPa	0.15	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Flow rate	0.50	0.60	0.80	1.00	1.20	1.40	1.65	1.85	2.05	2.25

## Option weight

\* Add to the weight of the standard accessories.

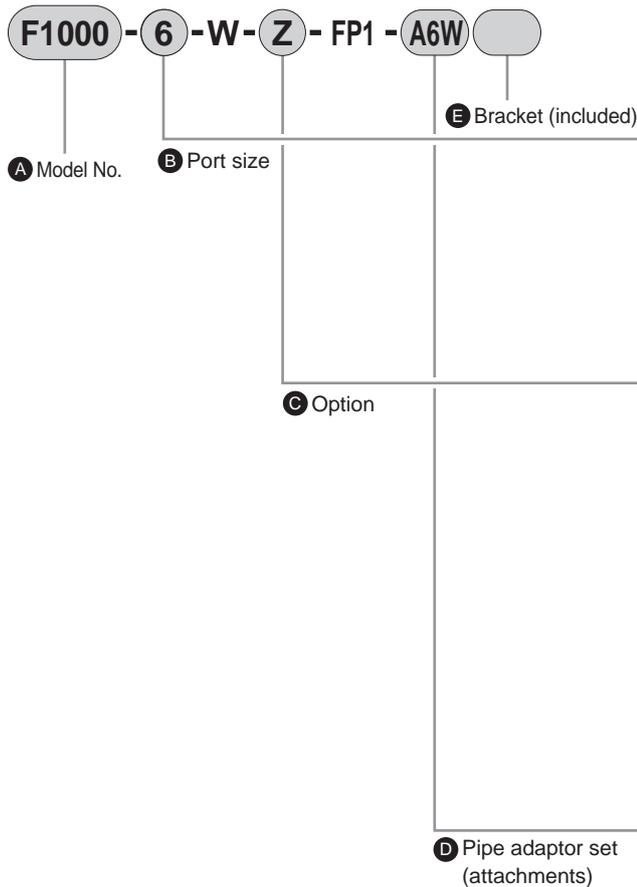
Unit:kg

Code	Drain discharge		Bowl material		Pipe adaptor set							Bracket
	F	F1	M	M1	A6W	A8W	A10W	A15W	A20W	A25W	A32W	BW
F1000		0.007			0.09	0.09	0.09					0.1
F2000		0.02		0.1		0.16	0.16	0.16				0.15
F3000	0.02	0.02	0.1	0.1		0.16	0.16	0.16				0.17
F4000	0.02	0.02	0.1	0.1		0.16	0.16	0.16	0.16			0.21
F6000	0.02	0.02	0.1	0.1					0.53	0.53	0.53	0.34
F8000	0.02	0.02	0.1	0.1					0.53	0.53	0.53	0.36

# Air Filter Series

How to order

How to order



\* Refer to Pneumatic, Vacuum and Auxiliary Components (CB-024SA) for options.

		A Model No.					
		F1000	F2000	F3000	F4000	F6000	F8000
Code	Description						
<b>B Port size</b>							
6	Rc1/8	●					
8	Rc1/4	●	●	●	●		
10	Rc3/8		●	●	●		
15	Rc1/2				●		
20	Rc3/4					●	●
25	Rc1					●	●
<b>C Option *1</b>							
Drain discharge *2	Blank	With manual drain cock					
	F	Auto-drain with manual override (NO: Exhaust when not pressurized)					
	F1	Auto-drain with manual override (NC: No exhaust when not pressurized)					
Bowl material	Blank	Polycarbonate bowl					
	Z	Nylon bowl					
	M	Metal bowl					
	M1	Metal bowl with manual drain cock					
Element	Blank	5 μm					
Differential pressure detection	Blank	Without differential pressure detection port					
	Q	Differential pressure With detection port (Rc1/4)					
Flow Direction	Blank	Standard flow (left → right)					
	X1	Reverse flow (right → left)					
<b>D Pipe adaptor set (included) *3, *4 Refer to CB-024S</b>							
	Blank	Not included					
	A6W	Rc1/8 pipe adaptor set					
	A8W	Rc1/4 pipe adaptor set					
	A10W	Rc3/8 pipe adaptor set					
	A15W	Rc1/2 pipe adaptor set					
	A20W	Rc3/4 pipe adaptor set					
	A25W	Rc1 pipe adapter set					
	A32W	Rc1 1/4 pipe adapter set					
<b>E Bracket (included) Refer to CB-024S</b>							
	Blank	Not included					
	BW	C-bracket					

## ⚠ Precautions for model No. selection

- \*1: Select Items for the drainage, bowl material, element and differential pressure detection. When selecting options for several items, list options in order from the top.
- \*2: Refer to (Pneumatic, Vacuum, and Auxiliary Components (CB-024SA)) for the auto-drain use conditions.
- \*3: The pipe adaptor set and C type bracket cannot be used together.
- \*4: The joiner set is attached with the pipe adapter set.

For dimensions, refer to the air filter in "Pneumatic, Vacuum and Auxiliary Components (CB-024SA)".