



## Air filter F1000/F2000/F3000 F4000/F6000/F8000-W Series

New series using 5 µm elements for dust removal and  
0.3 µm tar removing element (excluding F1000 Series) ● Port size: 1/8 to 1

JIS symbol 



**P4**  
Series

### 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					
Proof pressure MPa	1.5					
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 (Note)
Port size Rc	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					

Note: Up to 170cm<sup>3</sup> is stored with the manual drain cock only.

Pneumatic  
cylinders  
Hand/  
Chuck  
Related  
products  
Cylinder  
Switch

Vacuum components

Pneumatic valves

Clean air  
components

Pneumatic auxiliary components  
Speed  
controller  
Fitting  
Auxiliary  
valve  
Silencer  
Tube

Gas generator

Fluid control components

Electric actuator  
Motor  
specification  
Motorless  
specifications

# Air Filter Series

P4 Series

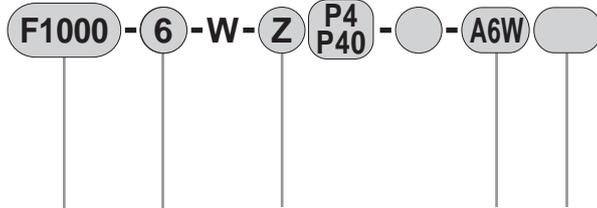
## Compatibility table by variation

	F1000-W	F2000-W	F3000-W	F4000-W	F6000-W	F8000-W
Port size	Rc1/8, 1/4	Rc1/4, 3/8	Rc1/4, 3/8	Rc1/4, 3/8, 1/2	Rc3/4, 1	Rc3/4, 1
P4	●	●	●	●	●	●
P40		●	●	●	●	

●: Applicable models  
○: Semi-applicable models  
▲: Contact CKD for details.  
□: Not applicable

\*1: Auto-drain is not available.  
\*2: Metal bowl is not available.  
\*3: Y element is not available for P40.

## How to order



A Model No.

B Port size

C Option

D Pipe adaptor set (included)

E Bracket (attachment)

\* Refer to "Pneumatic, Vacuum and Auxiliary Components" (catalog No. CB-024SA) for options.

		A Model No.					
		F1000	F2000	F3000	F4000	F6000	F8000
<b>B Port size</b>							
<b>6</b>	Rc1/8	●					
<b>8</b>	Rc1/4	●	●	●	●		
<b>10</b>	Rc3/8		●	●	●		
<b>15</b>	Rc1/2				●		
<b>20</b>	Rc3/4					●	●
<b>25</b>	Rc1					●	●
<b>C Option</b>							
<b>Drainage *3</b>	<b>Blank</b>	With manual drain cock	●	●	●	●	●
<b>Bowl material *4</b>	<b>Blank</b>	Polycarbonate bowl	●	●	●	●	●
	<b>Z</b>	Nylon bowl	●	●	●	●	●
<b>Element *5</b>	<b>Blank</b>	5 μm	●	●	●	●	●
	<b>Y</b>	0.3 μm (Submicron)			●	●	●
<b>Flow Direction</b>	<b>Blank</b>	Standard flow (left → right)	●	●	●	●	●
	<b>X1</b>	Reverse flow (right → left)	●	●	●	●	●
<b>D Pipe adaptor set (included) *1, *2</b>							
<b>Blank</b>	Not included	●	●	●	●	●	●
<b>A6*W</b>	1/8 pipe adaptor set	●					
<b>A8*W</b>	1/4 pipe adaptor set	●	●	●	●		
<b>A10*W</b>	3/8 pipe adaptor set	●	●	●	●		
<b>A15*W</b>	1/2 pipe adaptor set		●	●	●		
<b>A20*W</b>	3/4 pipe adaptor set				●	●	●
<b>A25*W</b>	1 pipe adaptor set					●	●
<b>A32*W</b>	1 1/4 pipe adaptor set					●	●
<b>E Bracket (attachment)</b>							
<b>Blank</b>	Not included	●	●	●	●	●	●
<b>BW</b>	C-bracket	●	●	●	●	●	●

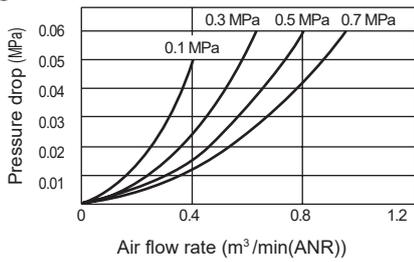
## ⚠ Precautions for model No. selection

\*1: The pipe adaptor set and C-bracket cannot be used together.  
\*2: The joiner set is included with the pipe adapter set.  
\*3: Auto-drain is not available.  
\*4: Metal bowl is not available.  
\*5: Y element is not available for P40.

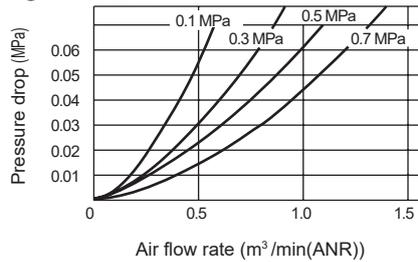
## Flow characteristics

**P4**  
Series

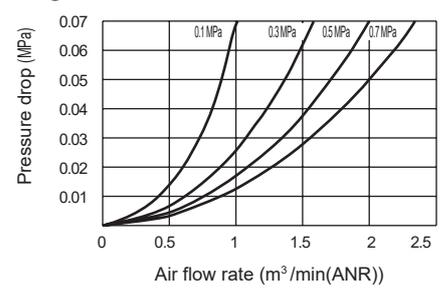
● F1000-6-W



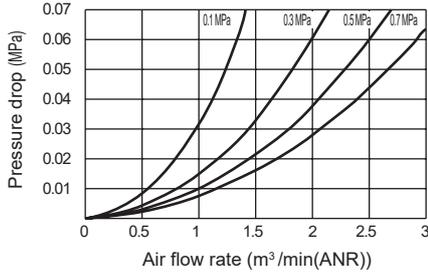
● F1000-8-W



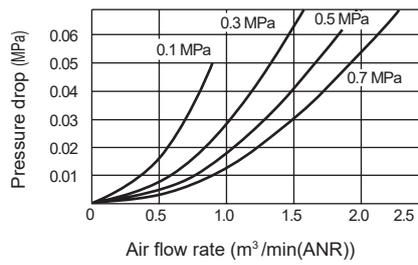
● F2000-8-W



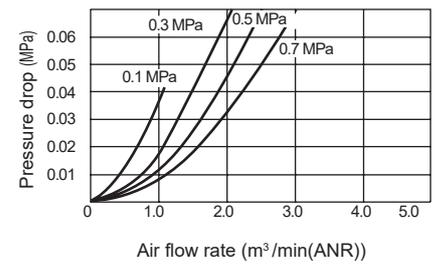
● F2000-10-W



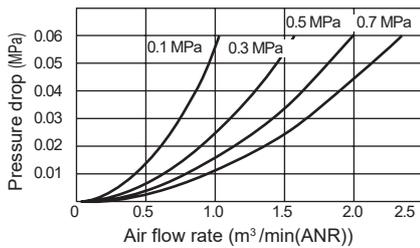
● F3000-8-W



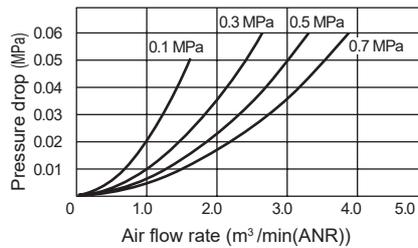
● F3000-10-W



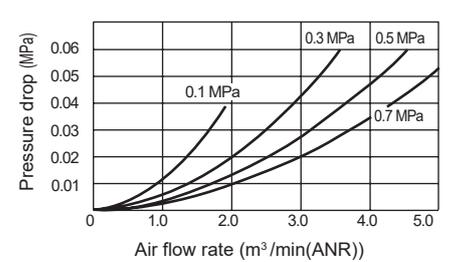
● F4000-8-W



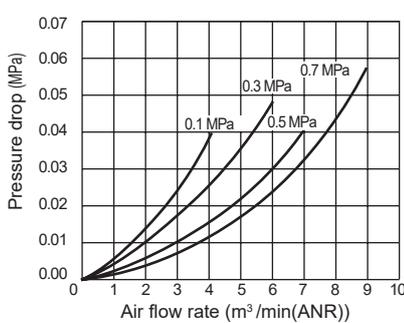
● F4000-10-W



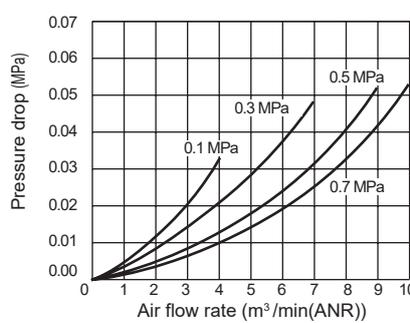
● F4000-15-W



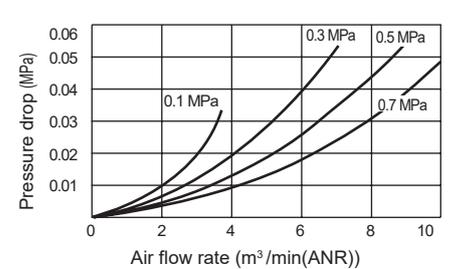
● F6000-20-W



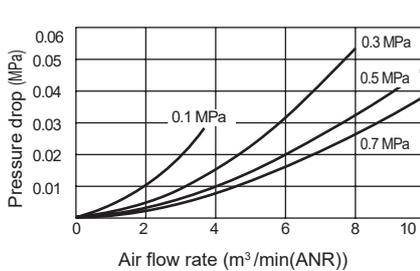
● F6000-25-W



● F8000-20-W

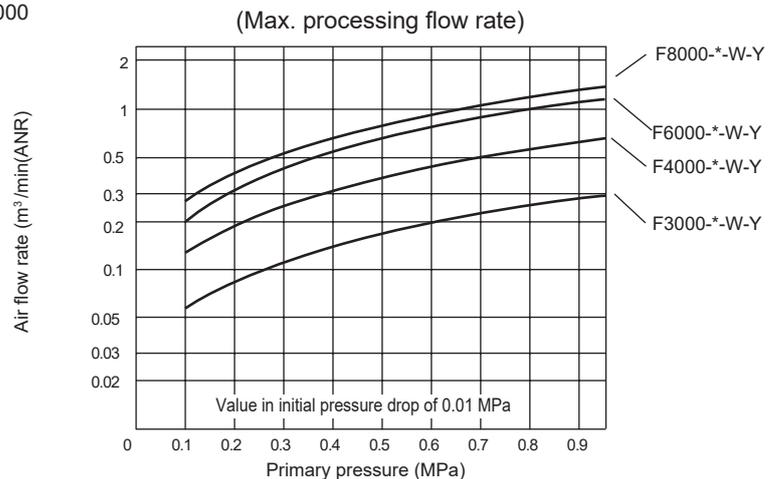


● F8000-25-W



F3000  
F4000  
F6000  
F8000

-\*-W-Y (0.3 μm element)



Pneumatic actuator  
Pneumatic cylinders  
Hand/Chuck products  
Related products

Vacuum components  
Pneumatic switches

Pneumatic valves  
Clean air components

Pneumatic auxiliary components  
Speed controller

Fitting  
Auxiliary valve  
Silencer  
Tube

Gas generator  
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Electric actuator  
Motor specifications  
Motorless specifications