

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

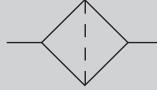
Vacuum filter

VFA1000/3000/4000 Series

Removes dust and moisture from air when absorbing air by vacuum pump or ejector.

● Port size: Rc1/8 to Rc1/2

JIS symbol



P4
Series

Pneumatic actuator
Pneumatic cylinders
Hand/Chuck
Related products
Cylinder Switch

Vacuum components
Pneumatic valves

Clean air components
Speed controller
Fitting
Auxiliary valve
Silencer
Tube

Pneumatic auxiliary components

Gas generator
Fluid control components

Electric actuator
Motor specification
Motorless specifications

Specifications

Model No.	VFA1000		VFA3000		VFA4000	
Working pressure kPa	-100 to 0					
Proof pressure MPa	0.5					
Ambient/fluid temperatures °C	5 to 50					
Bowl capacity cm ³	10		45		80	
Port size Rc	1/8	1/4	1/4	3/8	3/8	1/2
Weight kg	0.1		0.3		0.5	
Recommended flow rate*1 l/min (ANR)	60	80	100	200	250	400

*1: Flow rate applies where initial pressure loss is 3 kPa or less (at standard element used).

*2: For standard element, 40 µm of mesh (average) is used in filtration section (material: polyamide), while options include 5 µm Degree of filtration equivalent fiber (material: polypropylene).

Compatibility table by variation

	VFA1000	VFA3000	VFA4000
Port size	Rc1/8, 1/4	Rc1/4, 3/8	Rc3/8, 1/2
P4	●	●	●

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

Note: Metal bowl is not available.

How to order

VFA3000 - **8** - **Y5** **P4** - **B**

A Model No. **B** Port size **C** Option **D** Attachment

		A Model No.			
Code	Description	VFA1000	VFA3000	VFA4000	
B Port size					
6	Rc1/8	●	□	□	
8	Rc1/4	●	●	□	
10	Rc3/8	□	●	●	
15	Rc1/2	□	□	●	
C Option					
Bowl material	Blank	Polyamide (nylon)	●	●	●
Element	Blank	40 µm Polyamide	●	●	●
	Y5	5 µm Polypropylene	●	●	●
D Attachment					
	Blank	None	●	●	●
	B	C-bracket	●	●	●

Model No. of single bracket

Model No.	Bracket model No.
VFA1000	B120
VFA3000	B320
VFA4000	B420

⚠ Precautions for model No. selection

*1: Indicate options for bowl material and element in order.