



Vacuum Components

To Use This Product Safely

Be sure to read this before use.

General precautions are Intro 15 and refer to "⚠️ Safety precautions" for detailed precautions for individual series.

Individual Precautions: Vacuum Filter VFA Series

Design / Selection

⚠️ Warning

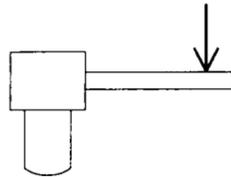
- Use the product within specifications range.
- The product is a vacuum filter. Do not use under pressure except for instantaneous pressurization due to vacuum breaking.
(Do not use exclusively for pressurization.)
- Install the product avoiding direct sunlight.
- Do not use this product in an atmosphere containing corrosive gases, chemicals, or sea water, or where the product could come in contact with these, and do not use as a vacuum circuit for these substances.
- When using a polyamide bowl, do not use this product for vacuum circuits that could come in contact with acids, alcohols, carboxylic acids, other organic compounds, screw locking agents, or air containing these substances. The bowl may break, which is dangerous.
- For chemical resistance of the polyamide bowl, refer to "Chemical resistance of plastic bowl" in "Air Preparation Units/Auxiliary Components " (Catalog No.RJ-007AA). If a polyamide bowl cannot be used, use the optional aluminum alloy bowl. (VFA3000/4000 series only)

- Avoid mounting in locations subject to vibration or shock.

■ Piping load torque

Ensure no bending moment due to piping load is applied to the body and piping parts.

	VFA1000 Series	VFA3000/4000 Series
Allowable Bending Moment (N·m)	15	50



Avoid cantilever fixed piping, as excessive force can easily cause damage.

- Each product has an O-ring groove for modular connection on its OUT side. Select piping that can seal with a diameter less than or equal to the O-ring groove diameter.

Series Name	VFA1000	VFA3000/VFA4000
Groove Diameter	ø17.6	ø25.4

MEMO

For precautions regarding mounting, installation, adjustment, operation, and maintenance, please refer to the CKD Equipment Product Site (<https://www.ckd.co.jp/kiki/en/>) → 'model No.' → [Instruction Manual](#)

Vacuum Components

Vacuum Related Components

VSRL

VSECV

VSRVV

VRA2000

VSLF

VSFB, VSFU, VSFJ

FSL

VFA

VSUS

VST

Ending

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