

Special Order Item

Accepted as a special specification product. For details, please contact our sales department.

FAC10-M5

- Max. flow rate : 2 L/min (ANR) or more
- Port size : M5
- Body material : Stainless Steel

FAC10-6

- Max. flow rate : 4 L/min (ANR) or more
- Port size : R1/8
- Body material : Stainless Steel



Pneumatic Components (Clean Exhaust Filter)

To Use This Product Safely

Be sure to read this before use. For general pneumatic components precautions, see Intro 27 and detailed precautions for individual series "⚠ Safety precautions."

Individual Precautions : Clean exhaust filter FAC Series

Design / Selection

⚠ Warning

- Use the product within its specific specification range.
- This product is designed for industrial use. Do not use for medical purposes, or in any equipment or circuit that concerns human life.
- Securing maintenance space
Secure sufficient space for maintenance and inspection.
- Piping Load Torque
If load or torque is applied to the body and piping when connecting pipes, the piping part may be damaged, so use the product within required torque. Do not apply lateral load to FAC10.

	FAC100	FAC200	FAC3000
Maximum Torque N·m	15	50	50

⚠ CAUTION

- Check the Operating circuit and Operating fluid.
Install a dryer, air filter, and oil mist filter on the pneumatic source side to remove moisture and oil.
- Water droplets cannot be removed.
Since the element membrane is hydrophobic, it does not allow water to pass through in a non-pressurized state, but it will flow to the exhaust side when pressurized.
- Use the product within Max operating pressure and Operating temperature ranges.
If there is a heat source nearby, ensure that the Operating temperature range of the product is not exceeded. There is a risk of product damage and element membrane damage.

- Do not create flow exceeding the max. processing flow rate.
Calculate the flow rate from the solenoid valve/actuator used simultaneously, and select a model that is equal to or less than the maximum flow rate. Circulating air exceeding the max. processing flow rate could reduce the cleanness of exhaust air and damage the element membrane.
- Install where the device is not adversely affected by flying dust.
- Do not install where exhaust air blows directly onto the workpiece, etc.
Contact CKD when using this device for filtering.
- For common piping, the solenoid valve may malfunction due to reverse flow. If this occurs, attach a check valve to prevent reverse flow.
Check the relationship between the flow rate and the primary pressure from the flow characteristics table described in the catalog, and use it within the range and circuit where there is no effect even if the primary pressure flows back.
- Do not use a Clean Exhaust Filters if the supplied pressure is more than 0.1 MPa.
If compressed air of 0.1 MPa or over is supplied to a clean exhaust filter, removal efficiency may suffer.
- Alcohol is used in the manufacturing line of some parts of this product.

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

F.R.L.

Filter
Regulator

Filter

Regulator

Lubricator

Drain
Separator

Mechanical
Pressure SW

Residual
Pressure
Exhaust Valve

Slow Start
Valve

Antibacterial/
Bacteria
Removing Filter

Ozone
FR

Siloxane/
OzoneRemover

Flame
Resistant FR

Oil-free
Regulator

Medium
Pressure FR

No copper/
PTFE/
Specification

Air Unit
Equipment

Adapter
Joiner

Pressure
Gauge

Compact
F.R.L.

Large
F.R.L.

Precision
Regulator

Clean
FR

Electro-
Pneumatic
Regulator

Air
Booster

Ending

F.R.L.

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