



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

Clean exhaust filter

FAC10 Series

● Port size: ø4, ø6, ø8, ø10

P4 compliant
as standard

RoHS

CAD

Specifications

Model No.	FAC10-4P	FAC10-6P	FAC10-8P	FAC10-10P
Working fluid	Compressed air			
Max. working pressure MPa	0.1			
Min. working pressure MPa	0			
Proof pressure MPa	0.3			
Ambient/fluid temperatures °C	5 to 45			
Port size	ø4	ø6	ø8	ø10
Weight g	2			3
Degree of filtration µm	0.01 (removal efficiency 99.99% and over)			
Secondary side cleanliness	100% removal of 0.1 µm or larger particles *1			
Max. processing flow rate ℓ/min (ANR)	4	10	20	35

*1: Maximum processing flow rate for measurement, or 28.3 ℓ/min (ANR) when the maximum processing flow rate is 28.3 ℓ/min. (ANR) or more

How to order

FAC10 - 4P

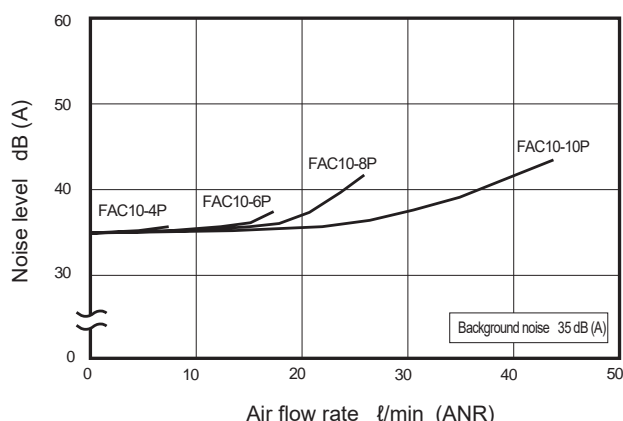
Ⓑ Port size

Code	Description
Ⓑ Port size	
4P	ø4
6P	ø6
8P	ø8
10P	ø10

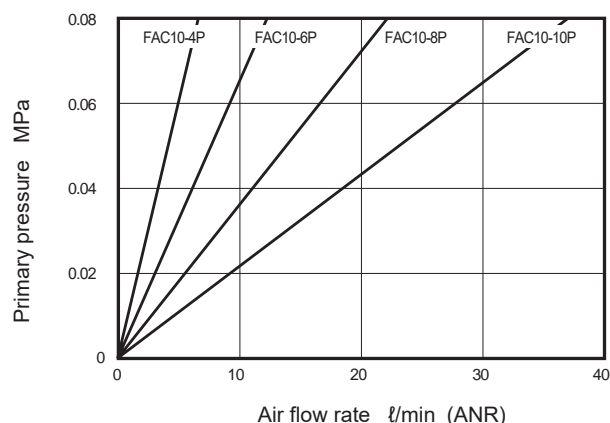
Compatibility table by variation

	FAC10
Port size	ø4 to ø10
P4	Standard compliance

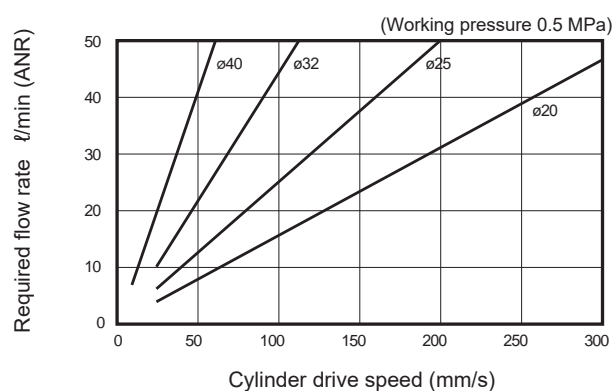
Noise level



Flow characteristics



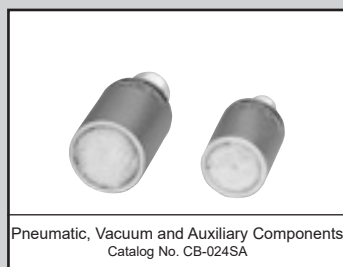
Selection guide



The clean exhaust filter model is selected based on the working circuit's required flow rate.

- (1) Calculate the required flow rate for the actuator being used.
- (2) Multiply the calculated required flow rate by 1.4.
- (3) Select a model having a processing flow rate exceeding the required flow rate multiplied by 1.4.

The above graphs show the required flow rate multiplied by 1.4 for each air cylinder size. Use this graph to select a model.



Clean exhaust filter

FAC100/FAC200 Series

● Port size: R1/8, R1/4, R3/8, R1/2

P4 compliant
as standard



P4
Series

Specifications

Model No.	FAC100	FAC200
Working fluid	Compressed air	
Max. working pressure MPa	0.1	
Min. working pressure MPa	0	
Proof pressure MPa	0.3	
Ambient/fluid temperatures °C	5 to 40	
Port size	R1/8, R1/4	R 3/8, R1/2
Weight g	65	85
Degree of filtration μm	0.01 (removal efficiency 99.99% and over)	
Secondary side cleanliness	100% removal of 0.1 μm or larger particles *1	
Max. processing flow rate l/min (ANR)	100	200

*1: Flow rate at measurement 28.3 l/min (ANR) condition

Compatibility table by variation

	FAC100	FAC200
Port size	R1/8, 1/4	R3/8, 1/2
P4	Standard compliance	

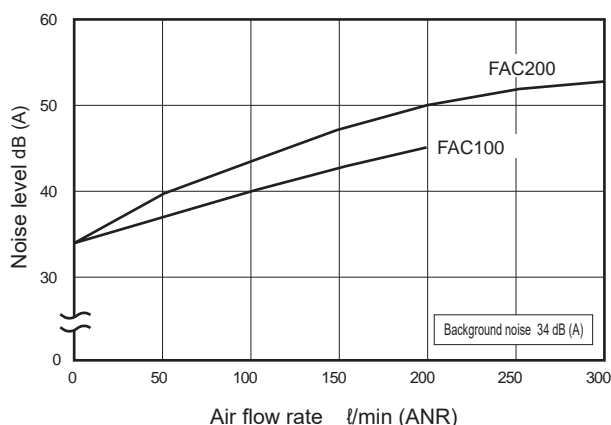
How to order

FAC100 - 8A

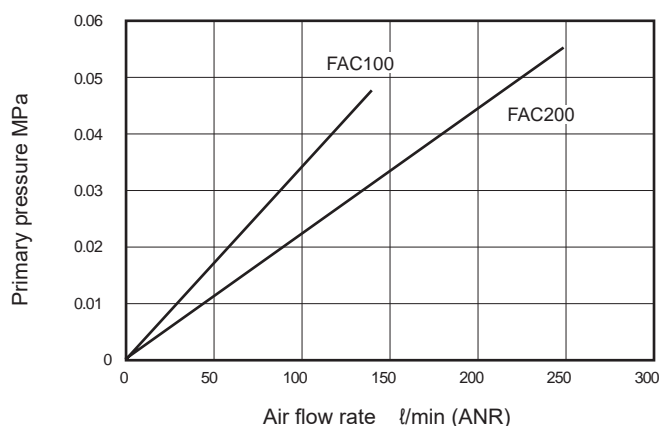
A Model No. B Port size

		A Model No.	
Code	Description	FAC100	FAC200
B Port size			
6A	R 1/8	●	
8A	R1/4	●	
10A	R3/8		●
15A	R1/2		●

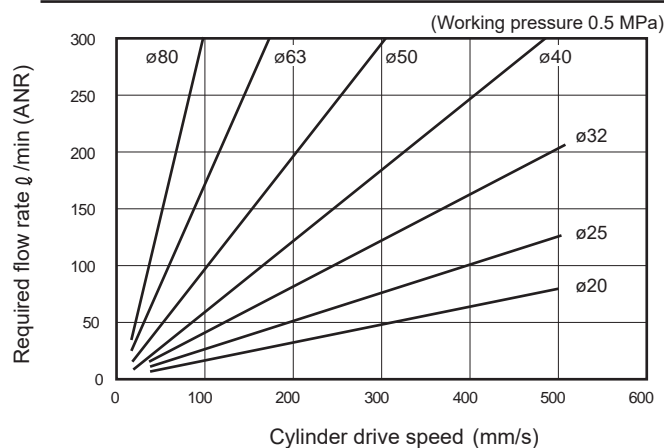
Noise level



Flow characteristics



Selection guide



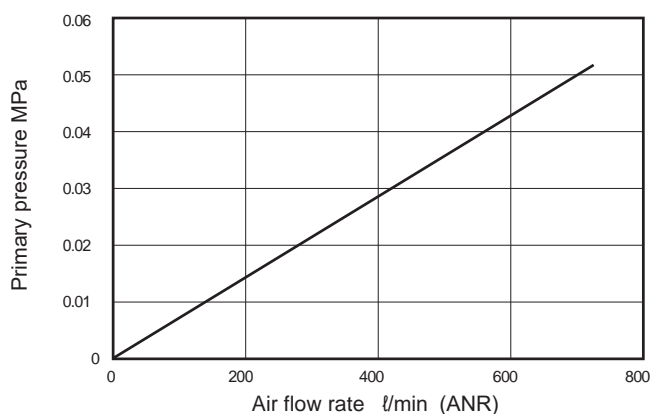
The clean exhaust filter model is selected based on the working circuit's required flow rate.

- (1) Calculate the required flow rate for the actuator being used.
- (2) Multiply the calculated required flow rate by 1.4.
- (3) Select a model having a processing flow rate exceeding the required flow rate multiplied by 1.4.

The above graphs show the required flow rate multiplied by 1.4 for each air cylinder size. Use this graph to select a model.

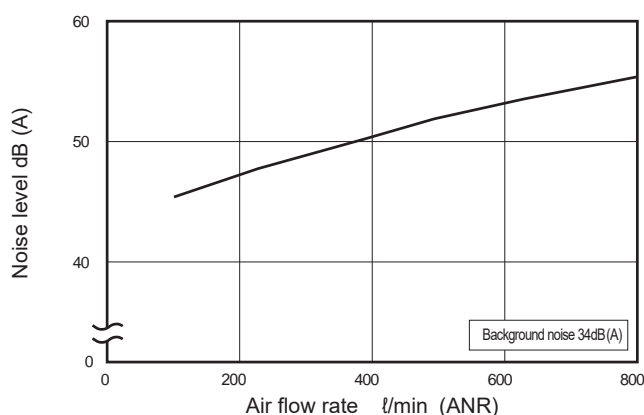
Flow characteristics

● FAC3000



Noise level

● FAC3000

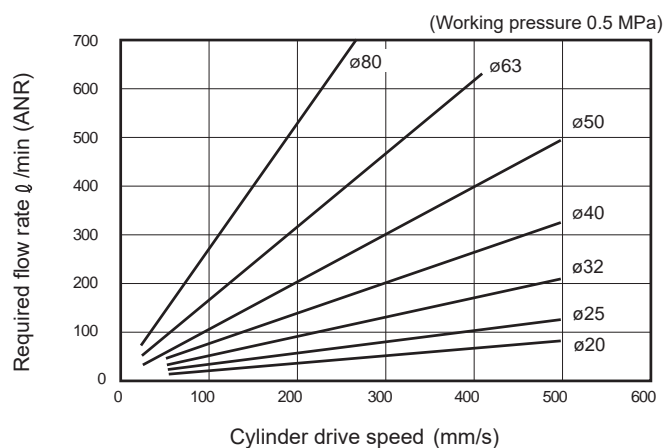


Selection guide

The clean exhaust filter model is selected based on the working circuit's required flow rate.

- (1) Calculate the required flow rate for the actuator being used.
- (2) Multiply the calculated required flow rate by 1.4.
- (3) Select a model having a processing flow rate exceeding the required flow rate multiplied by 1.4.

The graph at right shows the required flow rate multiplied by 1.4 for each air cylinder size. Use this graph to select a model.



P4
Series

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Silencer
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Motor specification
Motorless specifications