

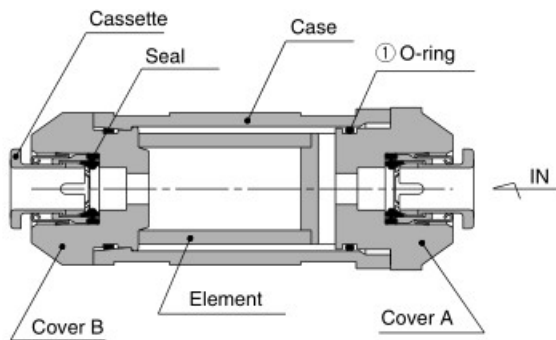


**Air Suction Filter(Vacuum Filter) ZFC Series
In-line Type with On-touch Fittings**

Characteristic

- *An in-line type air suction filter that prevents trouble in vacuum equipment due to contaminants in the air.
- *IN/OUT straight piping Saves space with space efficient straight piping
- *Applicable tubing sizes: Metric sizes (Release bushing: light gray) $\phi 4$, $\phi 6$, $\phi 8$
- *One-touch fittings for easy installation and removal. Piping tube can be connected or disconnected with one touch.
- *Light weight molded resin parts.
- *Cartridge type allows element replacement.
- *The cover can be opened with one touch to allow quick replacement without tools while still connected to piping.

Construction



How to Order

ZFC - 100 - 04 ③ B

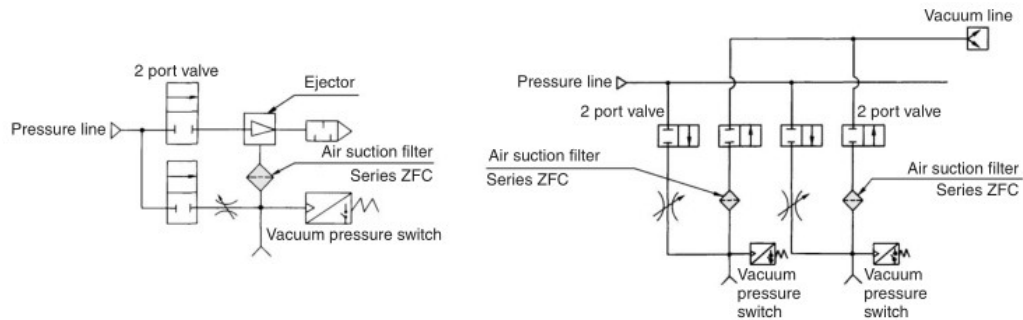
① 流量 Flow rate l/min	
100	最大 Max20
200	最大 Max50

② 插管外径 IN/OUT applicable tubing O.D. mm	
04	$\phi 4$ ZFC050 ZFC100
06	$\phi 6$ ZFC100 ZFC200
08	$\phi 8$ ZFC200

③ 带支架 With Bracket	
无 Nil	不带支架 Without Bracket
B	带支架 With Bracket

滤芯尺寸 Element Part No.	
型号 Model	尺寸 Element size(mm)
ZFC100	$\phi 12 \times \phi 8 \times L20$
ZFC200	$\phi 16 \times \phi 12 \times L25$

Application



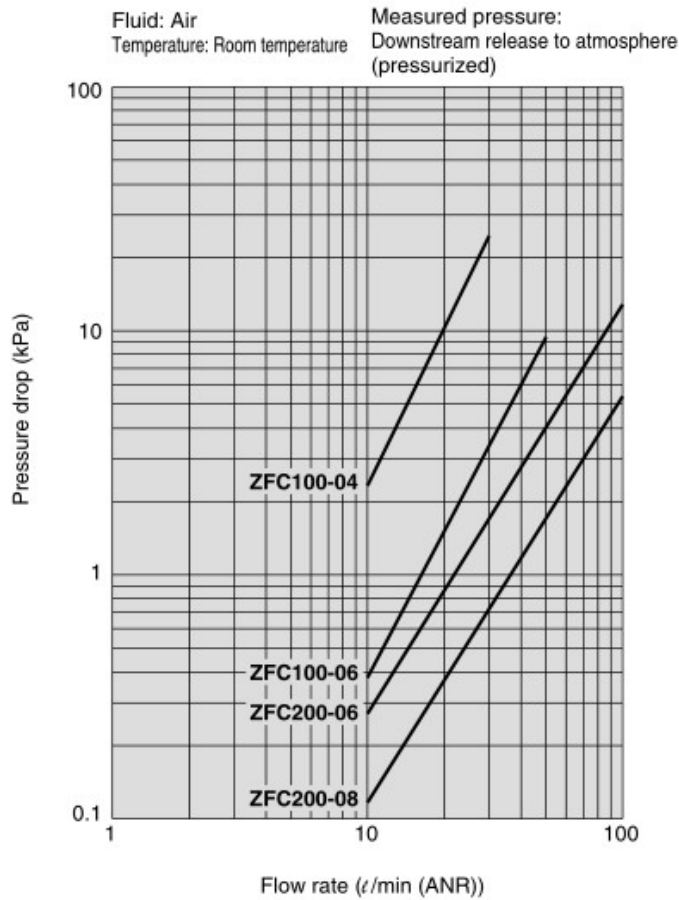
Model

Model	Port Size (Applicable tubing O.D.)		Recommended Flow Rate (L/min)	Note
	IN side	OUT side		
Metric Size	ZFC100-04	Ø4	10	Flow Rate when initial pressure drop is 3kPa or less
	ZFC100-06	Ø6	20	
	ZFC200-06	Ø6	30	
	ZFC200-08	Ø8	50	

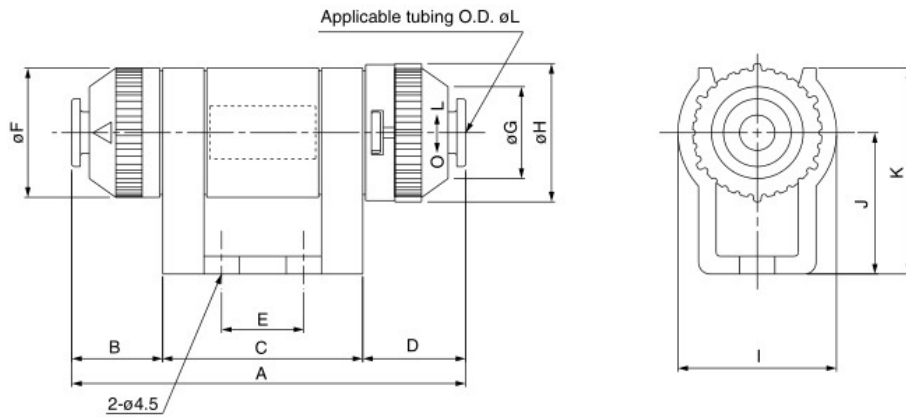
Specification

Fluid	Air, Nitrogen
Operating Pressure	-100~0kPa
Burst Pressure	0.5MPa
Operating & Ambient Temperature Range	0 to 60°C (No freezing)
Filtration degree	10 µm
Element differential pressure resistance	0.15 MPa
Applicable tubing material	Nylon, Soft nylon, Polyurethane, Soft polyurethane
Note	Do not use in a line where a pressurized condition is maintained since the body may be damaged.

Flow Characteristics

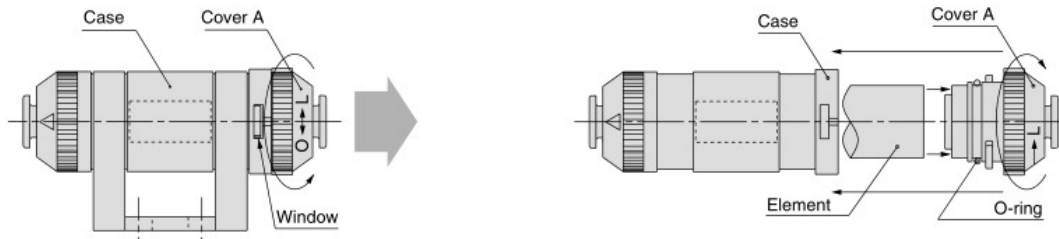


Dimension



Model	A	B	C	D	E	ØF	ØG	ØH	I	J	K	L
ZFC100-04	53.2	9.1	30	14.1	10	18	11.6	19.5	23	20	29	4
ZFC100-06												6
ZFC200-06	67	15.5	34	17.5	14	22	15.6	23.1	27	24	35	6
ZFC200-08												8

Element Replacement



1. Stop operation and reduce the filter's internal pressure to atmosphere.
2. Turn cover A counterclockwise until it stops (approx. 45°).
3. Pull cover A out of the case to remove the element. Remove dust and other debris remaining inside the case by blowing it out with air, etc. (Also confirm that the O-ring is not damaged.)
4. Install a new element on cover A and insert it into the case.
5. After aligning the projections (2 places) on cover A with the grooves in the case, push cover A in and turn it clockwise until it stops (approx. 45°) (Confirm that the projections on cover A can be seen completely through the windows in the case.)
6. Restart operation.