

In-line Air Filter

Series ZFC

RoHS

How to Order

ZFC 5 4 - B -

Body size

Symbol	Body size	Filtration area
5	20 L/min	750 mm ²
7	100 L/min	1260 mm ²

Applicable tubing O.D.

Metric size

Symbol	Applicable tubing O.D.	ZFC5	ZFC7
3	ø4	●	—
4	ø6	●	●
5	ø8	—	●
6	ø10	—	●
7	ø12	—	●

Inch size

B	ø5/32"	●	—
D	ø1/4"	●	●
E	ø5/16"	—	●
F	ø3/8"	—	●

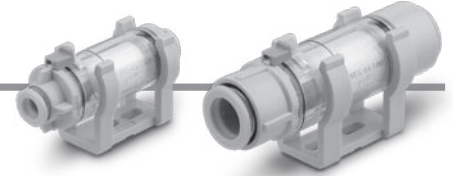
Made to Order

Refer to page 5 for details.

Symbol	Specifications
X01	Different diameters (IN side < OUT side)
X02	Different diameters (IN side > OUT side)
X03	Blue element
X04	Filtration: 10 µm
X05	FKM/Oil free (Seal)
X06	Nylon

Option

Nil	None
B	With bracket



Specifications

Model		ZFC5□		ZFC7□			
Port size (Applicable tubing O.D.)	Metric size	ø4	ø6	ø6	ø8	ø10	ø12
	Inch size	ø5/32"	ø1/4"	ø1/4"	ø5/16"	ø3/8"	—
Fluid		Air, Nitrogen					
Operating pressure		-100 kPa to 1.0 MPa					
Flow rate (Positive pressure) L/min ^{Note)}		45	100	120	250	300	350
Flow rate (Vacuum pressure) L/min		10	20	30	70	80	100
Proof pressure MPa		1.5					
Operating and ambient temperature range °C		0 to 60					
Filtration μm		5 (Filtration efficiency 95%)					
Element replacement differential pressure MPa		0.1 (Vacuum pressure 20 kPa)					
Filtration area mm ²		750		1260			
Applicable tubing material		Nylon, Soft nylon, Polyurethane					
Weight g		10.5		20.0		25.0	
Internal capacity cm ³		4.5		6.0		7.0	
Total length mm		53.9		68.4		79.7	
Total width mm		19.0		23.6			
Bracket total length mm		23.0		27.3			
Case material		Polycarbonate					

Note) Flow rate (positive pressure) conditions: Supply pressure 0.1 MPa, Differential pressure 30 kPa

Max. Operating Pressure and Operating Temperature

