

# Air Suction Filter With One-touch Fittings **ZFB Series**

RoHS

Prevents vacuum equipment trouble  
due to solid foreign objects

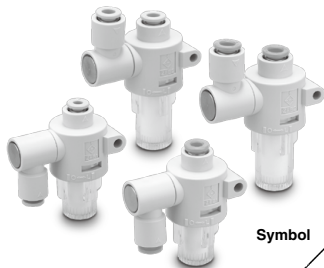
Unrestricted 360° piping tube  
mounting on the IN side

Easily replaced filter element

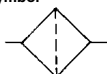
Easy installation and removal  
with One-touch fittings

Light and compact molded resin parts

Cartridge type allows element  
replacement



Symbol



## Model

Tubing size	Model	Port size (Applicable tubing O.D.)		Recommended air flow (L/min (ANR)) <sup>(1)</sup>	Weight (g)	Internal capacity (cm <sup>3</sup> )
		IN side, OUT side				
Metric size	ZFB100-04	ø4		10	22	7
	ZFB100-06	ø6		20	22	7
	ZFB200-06	ø6		30	30	12
	ZFB200-08	ø8		50	30	12
	ZFB300-08	ø8		75	39	16
	ZFB300-10	ø10		75	39	16
Inch size <sup>(2)</sup>	ZFB101-05	ø 3/16"		20	22	7
	ZFB101-07	ø 1/4"		20	22	7
	ZFB201-07	ø 1/4"		30	30	12
	ZFB301-11	ø 3/8"		75	40	16
	ZFB401-13	ø 1/2"		100	62	19

Note 1) Flow rate when initial pressure drop is 3 kPa or less.

Note 2) Will be manufactured upon receipt of order.

## Specifications

Fluid <sup>Note 1)</sup>	Air, Nitrogen
Operating pressure range <sup>Note 2)</sup>	-100 to 0 kPa
Vacuum release pressure	Max. 0.5 MPa (Unable to hold when pressurized)
Operating and ambient temperature range	0 to 60°C (No freezing)
Filtration accuracy	30 µm (Filtration efficiency 95%)
Element replacement differential pressure	20 kPa
Applicable tubing material	Nylon/Soft Nylon/Polyurethane

Note 1) Do not use the product in an atmosphere and place where there is direct contact with chemicals. It may cause damage to the body. (Alcohol, acetone, etc. also cause damage, so be sure for the product not to be close to them.)

Note 2) Do not use it in a line that is kept pressurized because it could cause the body to break.

ZFA

ZFB

ZFC

## How to Order

