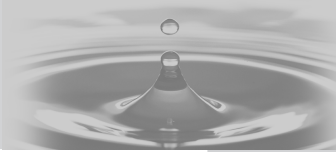


Modular type Micro Mist Separator (AFD)



SAFD

SAFD2000M~4000M Series

- Install a mist separator (the AFM series) as a preliminary filter on the inlet side of the micro mist separator to prevent premature clogging.
- Do not install on the inlet side of the dryer as this can cause premature clogging of the element.



■ How to order

SAFD 30 00M-03 BD - MeP

① Modular type
Micro Mist separator

② **Body Size** •
20 - 1/4
30 - 3/8
40 - 1/2

③ **Port Size** •

	Body size		
	20	30	40
02 (Rc1/4)	●		
03 (Rc3/8)		●	
04 (Rc1/2)			●
06 (Rc3/4)			●

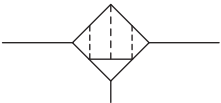
④ **Accessory(Optional)** •
Nil - None Bracket / Manual Drain
B - Bracket
D - Auto Drain

Symbol	Drain connect	Material
D	One-touch fitting(Φ6mm)	Acetal
Dn	Nipple(PT 1/8)	Brass

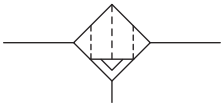
⑤ **Bowl** •
Nil - PC Bowl
MeP - Metal Bowl with pipe type sight glass

■ Symbol

SAFD



SAFD with Auto Drain



■ Specification

Max. supply pressure	1.5MPa [15.3 kgf/cm ²]
Max. operating pressure	0.97MPa [9.9 kgf/cm ²]
Min. operating pressure	0.05MPa [0.5 kgf/cm ²]
Ambient and media temperature	5 ~ 60 °C
Filtration	Standard: 0.01μm
Bowl material	Poly-carbonate / Metal

note) SAFD filtration : 0.3μm

■ Precautions

- ① Poly-carbonate bowls may be damaged and highly possible to fail if exposed to synthetic oils, thinner solvents, trichloroethylene, kerosene, chloroform, cyclohexane or other aromatic hydrocarbons and such environment exposed chemicals such as above.
- ② When auto drain is used :
Drain piping should be both 4mm or greater in diameter and less than 1m in length.
Also should avoid setting drain piping upwards.
- ③ When auto drain is out of order, it is possible to drain manually by operating one-touch-fitting vertically.
- ④ With a drain cock attached, drain can be done when the head of liquid is shown at the glass indication tube.



Series SAFD

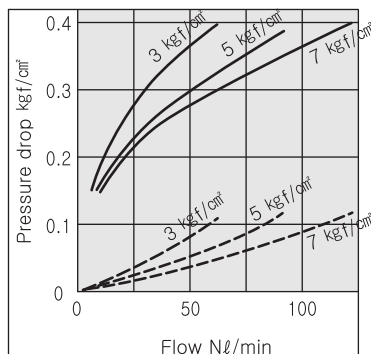
SAFD

● FLOW CHARACTERISTICS

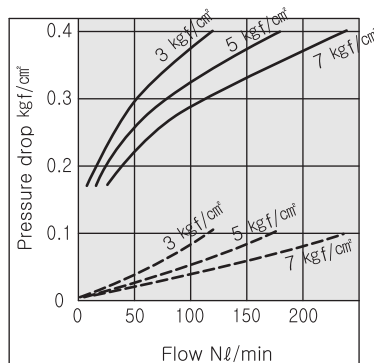
— Element oil saturation

- - - - Initial condition

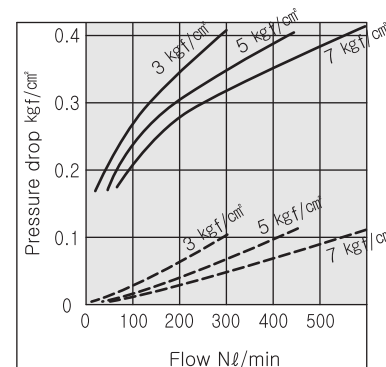
SAFD 2000M



SAFD 3000M

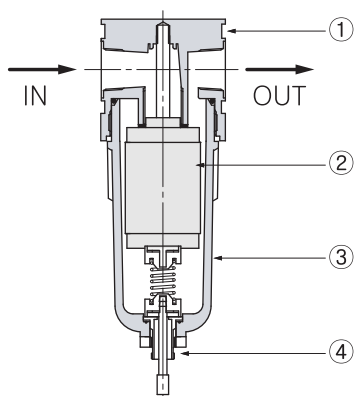


SAFD 4000M

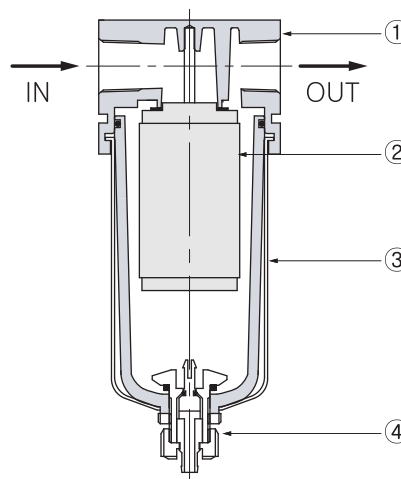


● STRUCTURE / PARTS

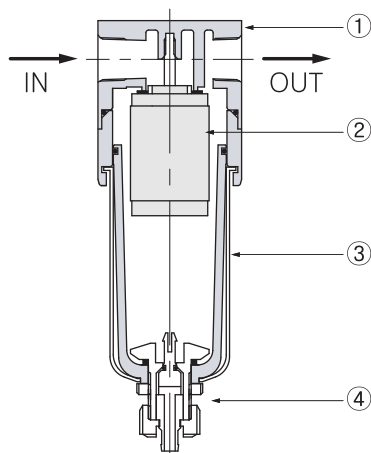
SAFD 2000M



SAFD 4000M



SAFD 3000M



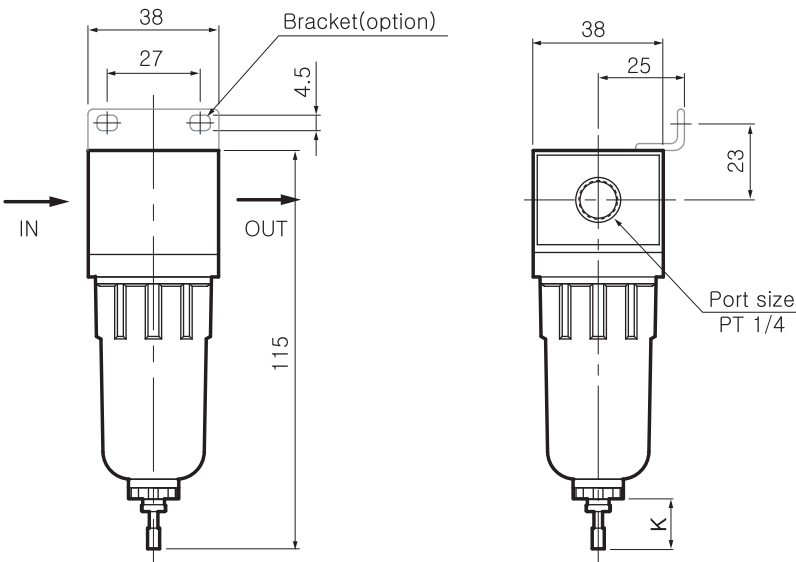
No.	PARTS	MATERIAL
1	Body	ALDC
2	Element	Glass fiber
3	Bowl	PC / Metal
4	Drain part	N66G

● DIMENSIONS (mm)

SAFD 2000M

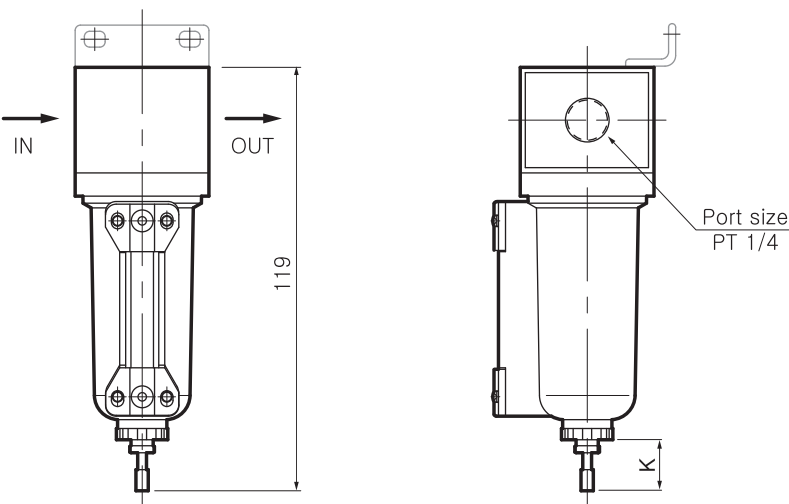
■ **PC bowl type**

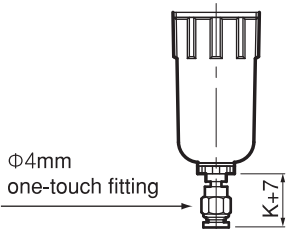
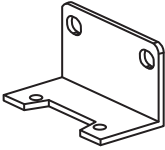
SAFD2000M-02□□



■ **Metal(Al) bowl type**

SAFD2000M-02□□-MeP



Option	D : With auto drain (differential pressure type)	B : Bracket
Dimension	 Φ4mm one-touch fitting K+7	 B200

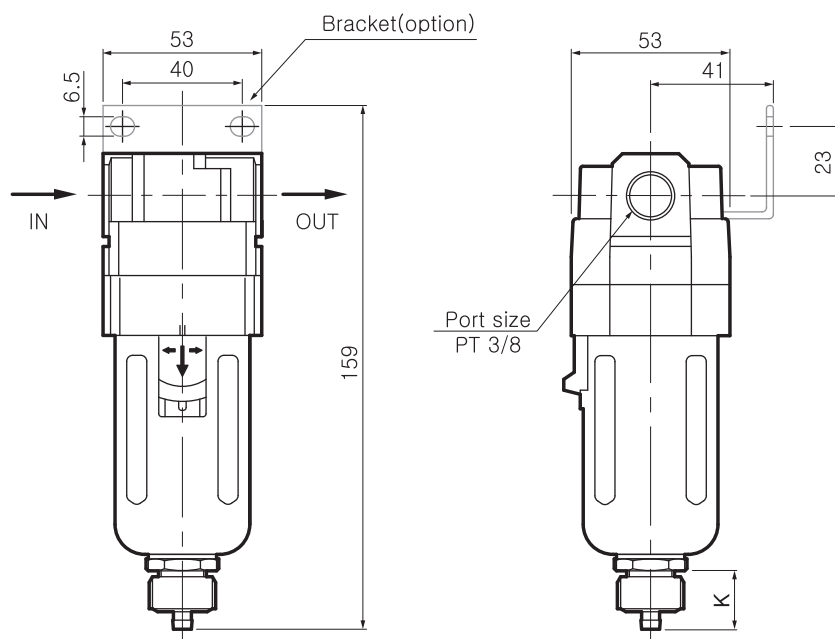


● DIMENSIONS (mm)

SAFD 3000M

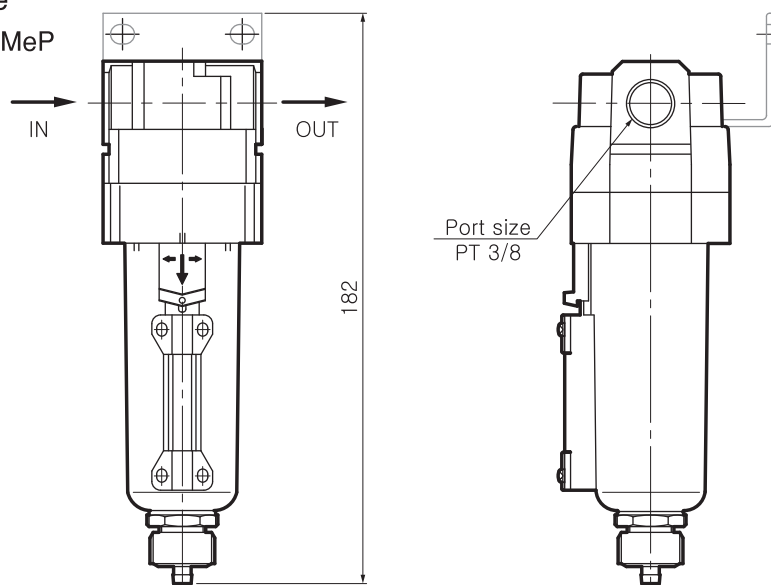
■ PC bowl type

SAFD3000M-03□□



■ Metal(Al) bowl type

SAFD3000M-03□□-MeP



Option	D : With auto drain (N.O.)	Dn : With auto drain (N.O.)	B : Bracket
Dimension	Φ6mm one-touch fitting K+7	PT 1/8 female thread K	B300

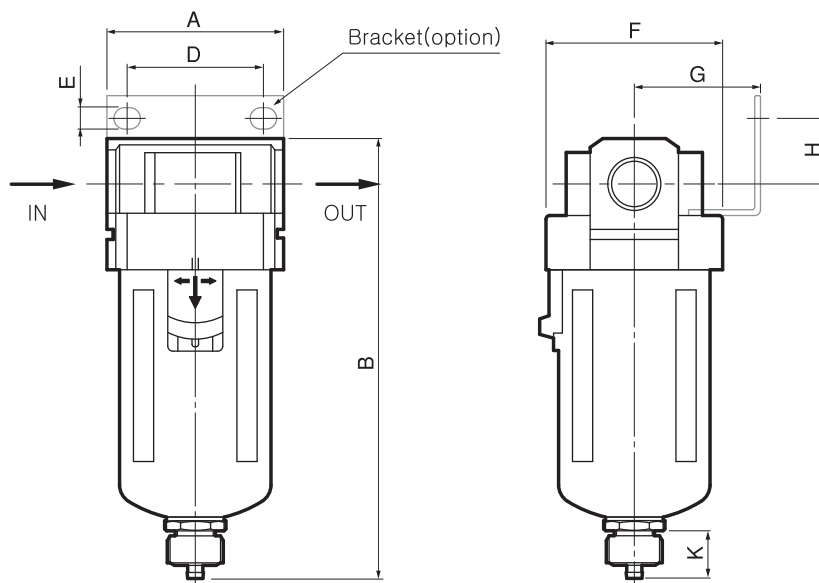
● DIMENSIONS (mm)

SAFD 4000M

■ PC bowl type

SAFD4000M-04□□

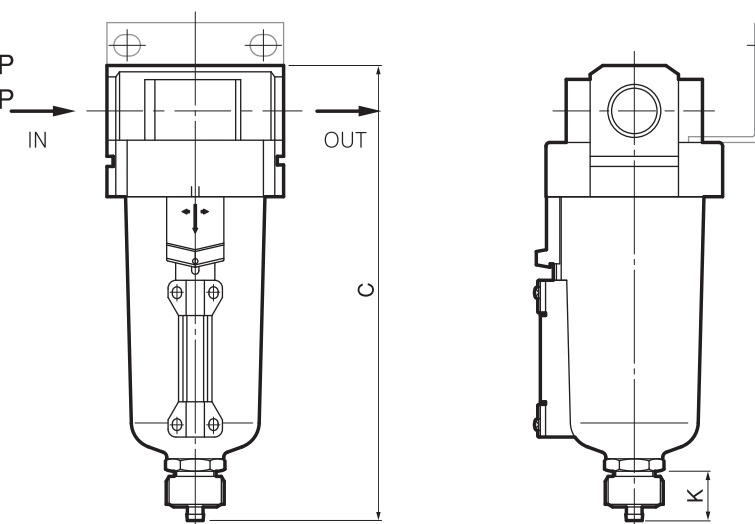
SAFD4000M-06□□



■ Metal(Al) bowl type

SAFD4000M-04□□-MeP

SAFD4000M-06□□-MeP



Option	D : With auto drain (N.O.)	Dn : With auto drain (N.O.)	B : Bracket
Dimension	Φ6mm one-touch fitting	PT 1/8 female thread	B400

Model	Port size (PT)	A	Height(Bowl)		D	E	F	G	H
			B(PC)	C(Metal)					
SAFM4000M-04	1/2	70	178	180	54	8.5	70	50	26
SAFM4000M-06	3/4	75	181	183	54	8.5	70	50	26