

Large Flow Air Filter

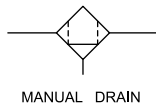
Series AF8000/9000



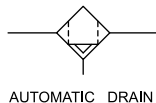
SAF9000

SAF8000

Symbol



MANUAL DRAIN



AUTOMATIC DRAIN

Precautions

- ① Filter element should be changed after 2 years of using or when pressure drops to 1.0kgf/cm².
- 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.

Specification

Port size	8000	Rc(PT) 1 ¹ / ₄ , 1 ¹ / ₂
	9000	Rc(PT) 2
Fluid	Compressed air	
Max. supply pressure	1.5MPa [15.3 kgf/cm ²]	
Max. operating pressure	1.0MPa [9.9 kgf/cm ²]	
Ambient and media temperature	-5 ~ 60 °C (No freezing)	
Filtration	5μm / 40μm	
Life of element	When pressure drop reaches at 0.1MPa [1 kgf/cm ²]	
Bowl material	Polycarbonate / Aluminum die-casted	
Color	Ivory	

How to order

SAF 80 00 - 12 BD - MeP

① Air Filter

② Body Size

80 - 1¹/₂

90 - 2

③ Port Size

	Body size	
	80	90
12 (Rc 1 ¹ / ₄)	●	
14 (Rc 1 ¹ / ₂)	●	
20 (Rc 2)		●

④ Accessory(Optional)

Nil - None Bracket / Manual Drain

B - Bracket

D / Dn - Auto Drain

Symbol	Drain type	Drain connect
D	Float	One-touch fitting
Dn	Float	Nipple(PT 1/8)

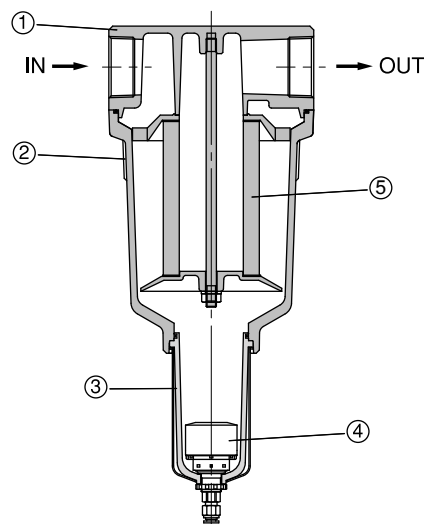
⑤ Bowl

Nil - PC Bowl

MeP - Metal Bowl (Aluminum die-casted)

Series AF8000/9000

STRUCTURE / PARTS



■ Component Parts

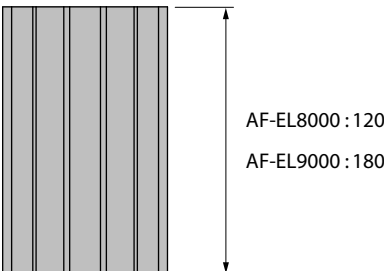
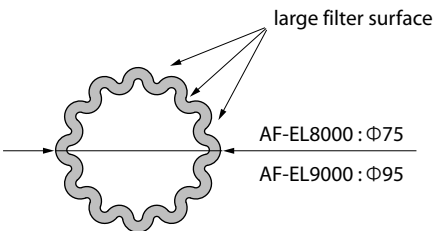
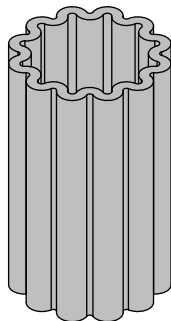
No.	PARTS	MATERIAL
①	Body	Aluminum die cast
②	Housing	Aluminum die cast
③	Bowl	Polycarbonate Aluminum die cast
④	AutoDrain	

■ Replacement Parts

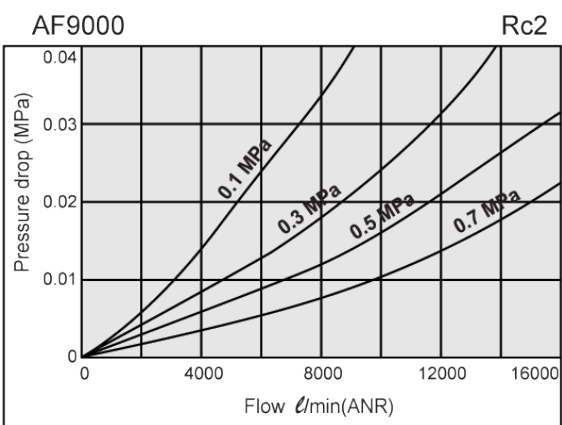
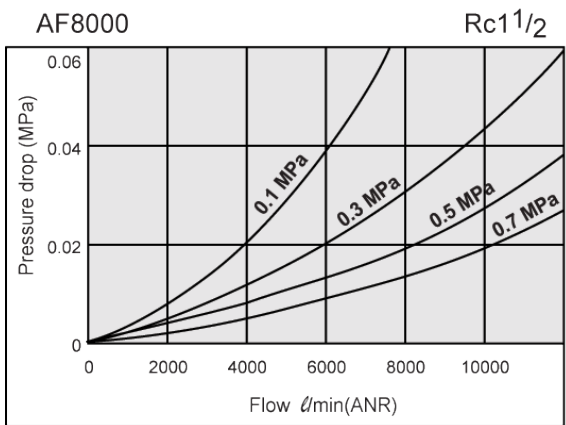
No.	PARTS	Part No.	Size (Φ x height) (mm)
⑤	Element	AF-EL8000	75 x 120
		AF-EL9000	95 x 180

■ SKP Air Filter for large flow

- Material : porous plastics
- Large filter surface
- Filtration : 5μm / 40μm
- Low resistance
- Long life

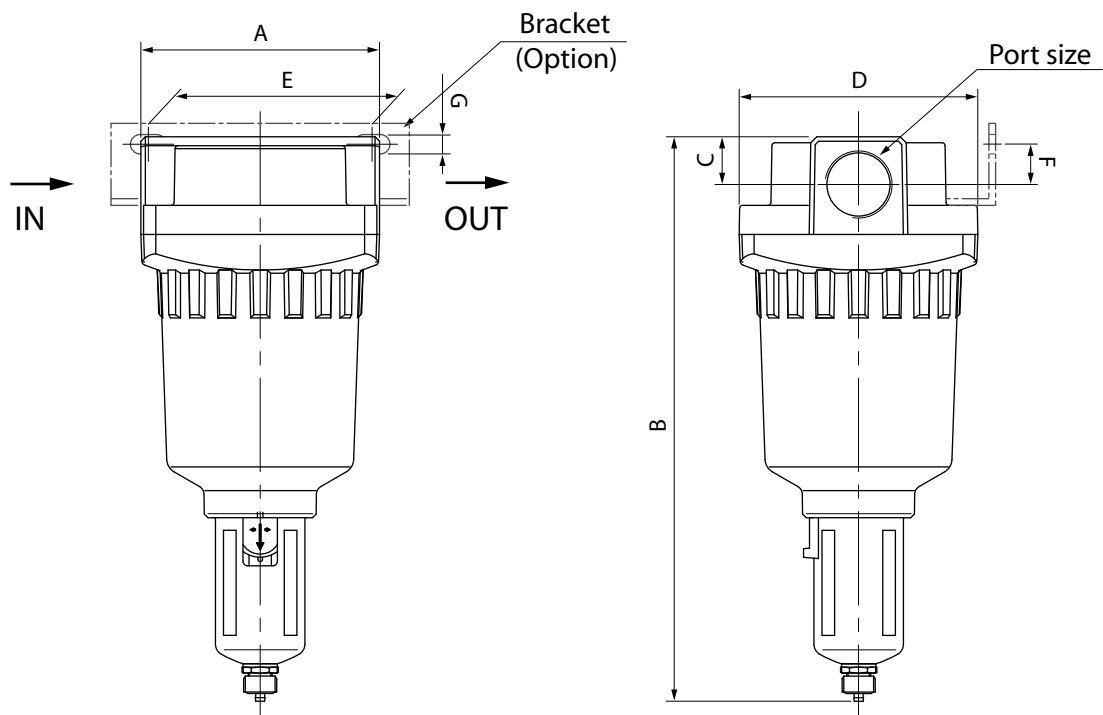


Flow Characteristics



Series AF8000/9000

DIMENSIONS (mm)



■ Option/Dimensions(mm)

Model	Port size (PT)	A	B (PC Bowl)	C	D	E	F	G
SAF8000	1 1/4, 1 1/2	160	380	32	160	150	7.5	13
SAF9000	2	180	456	42	180	150	1	13

Option	D : With auto drain (N.O.)	Dn : With auto drain (N.O.)	B : Bracket
Note	 Φ6mm one-touch fitting	 PT 1/8 female thread	 SAF8000/9000 : B850

Model	PC bowl		Metal bowl		
	D With auto drain	Dn With auto drain	Standard Manual drain	D With auto drain	Dn With auto drain
	 B	 B	 B	 B	 B
SAF8000	386	378	384	390	382
SAF9000	462	454	460	466	458

Pilot Operated Regulator

Series AR8025 to 9035



■ Specification

Port size	8025	Rc(PT) 1 ¹ / ₄ , 1 ¹ / ₂
	9025	Rc(PT) 2
Fluid	Compressed air	
Max. supply pressure	1.5MPa [15.3 kgf/cm ²]	
Max. operating pressure	1.0MPa [9.9 kgf/cm ²]	
Ambient and media temperature	-5 ~ 60 °C (No freezing)	
Set pressure range	0.05 to 0.83MPa [0.5~8.5 kgf/cm ²]	
Pressure gauge port size	Rc(PT)1 / 4	
Construction	Internal pilot relieving type (Pilot air is always bleeding.)	
Color	Ivory	

■ Precautions

- ① To unlock the handle, pull it until the orange marked underneath it shows. And then push the regulatig handle again to lock after setting pressure.
- ② When regulating pressure, turning the handle to the right raises the pressure of secondary side. Turning to the opposite(left) direction drops the pressure.
- ③ Regulating pressure range of the secondary side is less than 85% of the first side.
- ④ Do not use the regulator with flow exceeding the Max. flow, this can cause failure in pressure adjustment.

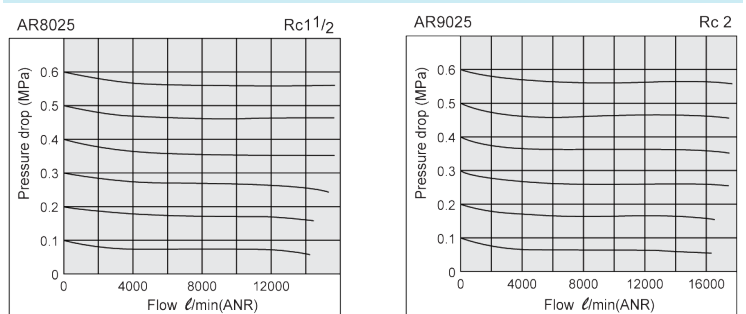
■ How to order

SAR 80 25 - 12 G

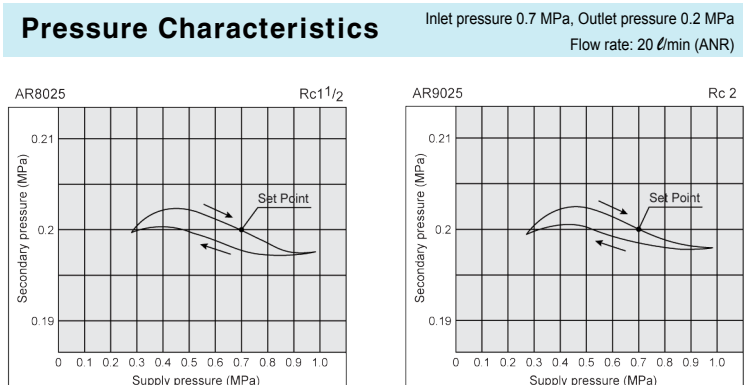
- ① **Air regulator**
- ② **Body Size**
80 - 1¹/₂
90 - 2
- ③ **Regulating pressure range**
25 - 0.05 to 0.83MPa
(0.5~8.5 kgf/cm²)
35 - 0.02 to 0.2MPa
(0.2~2 kgf/cm²)
- ④ **Port Size**

	Body size	
	80	90
12 (Rc 1 ¹ / ₄)	●	
14 (Rc 1 ¹ / ₂)	●	
20 (Rc 2)		●
- ⑤ **Accessory(Optional)**
Nil - No Gauge / No Bracket
G - Gauge

Flow Characteristics

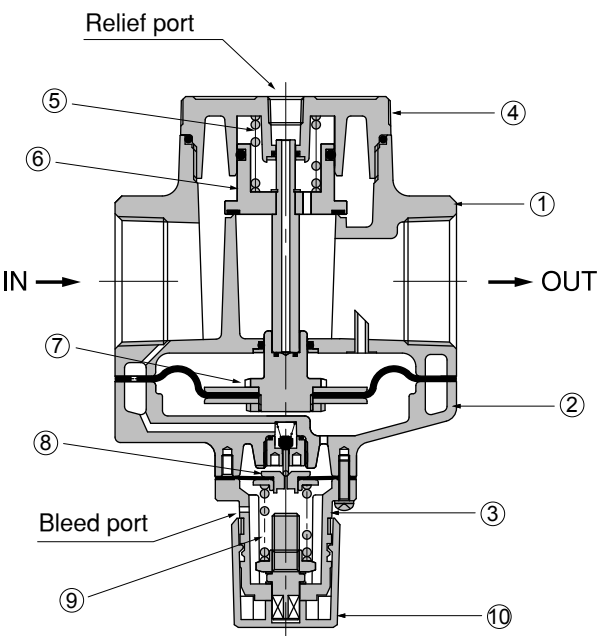


Pressure Characteristics



Series AR8025 to 9035

STRUCTURE / PARTS



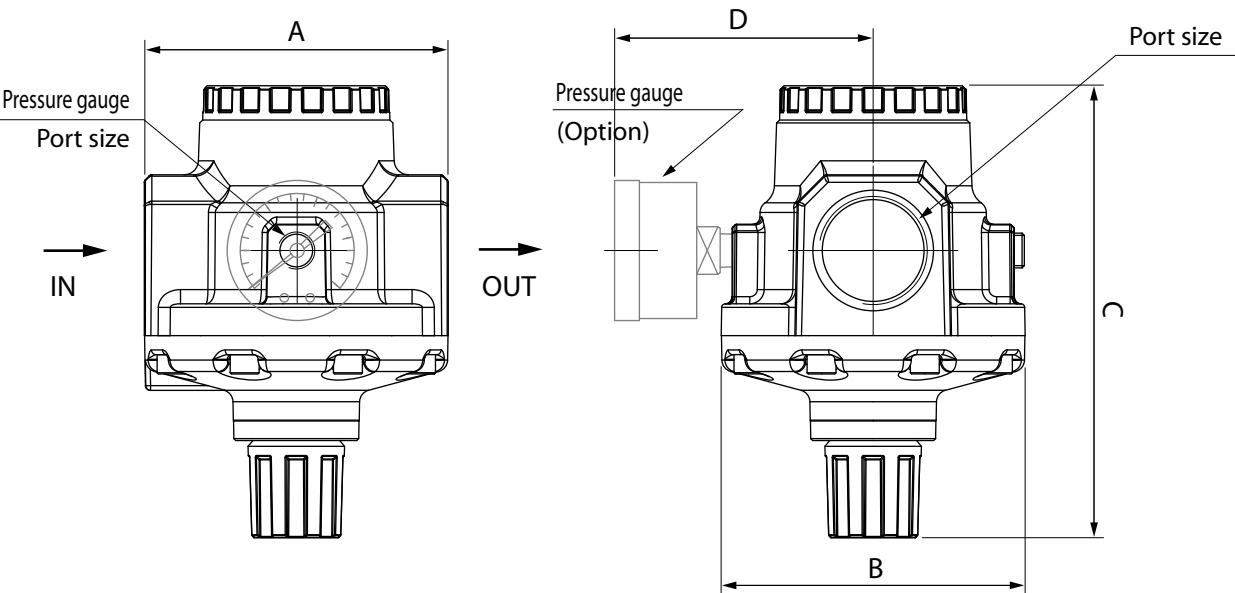
■ Component Parts

No.	PARTS	MATERIAL
①	Body	Aluminum die casted
②	Cover	Aluminum die casted
③	ADJ Cover	Aluminum die casted
④	Valve guide	Aluminum die casted

■ Replacement Parts

No.	PARTS	MATERIAL
⑤	Valve spring	SWP
⑥	Check Valve assembly	-
⑦	Main diaphragm assembly	-
⑧	Pilot diaphragm assembly	-
⑨	Adjusting spring	SWP
⑩	Handle	ABS

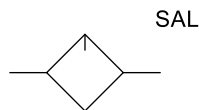
DIMENSIONS (mm)



Model	Port size (PT)	Pressure gauge port size	A	B	C	D
SAR8025 / 8035	1 1/4, 1 1/2	1/4	126	126	198	98
SAR9025 / 9035	2	1/4	160	160	226	118

Large Flow Lubricator

Series AL8000/9000

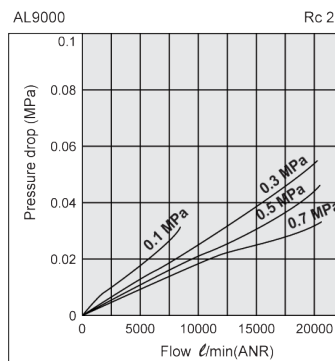
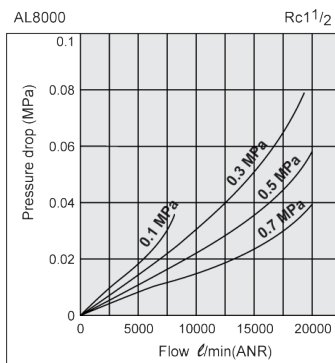


SAL

■ Specification

Port size	8000	Rc(PT) 1 ¹ / ₄ , 1 ¹ / ₂
	9000	Rc(PT) 2
Fluid	Compressed air	
Max. supply pressure	1.5MPa [15.3 kgf/cm ²]	
Max. operating pressure	1.0MPa [9.9 kgf/cm ²]	
Ambient and media temperature	-5 ~ 60 °C (No freezing)	
Recommended lubricant	Turbine oil Class 1(With no additives), ISO VG32	
Bowl material	Polycarbonate / Aluminum die-casted	
Color	Ivory	

Flow Characteristics



■ How to order

SAL 8000-12 B-MeP

① Air Lubricator

② Body Size

80 - 1¹/₂

90 - 2

③ Port Size

	Body size	
	80	90
12 (Rc 1 ¹ / ₄)	●	
14 (Rc 1 ¹ / ₂)	●	
20 (Rc 2)		●

④ Accessory(Optional)

Nil - No Bracket

B - Bracket

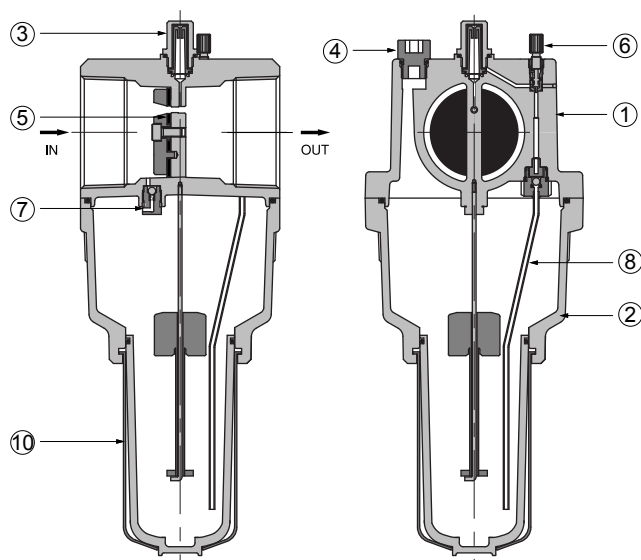
⑤ Bowl

Nil - PC Bowl

MeP - Metal Bowl (Aluminum die-casted)

Series AL8000/9000

STRUCTURE / PARTS



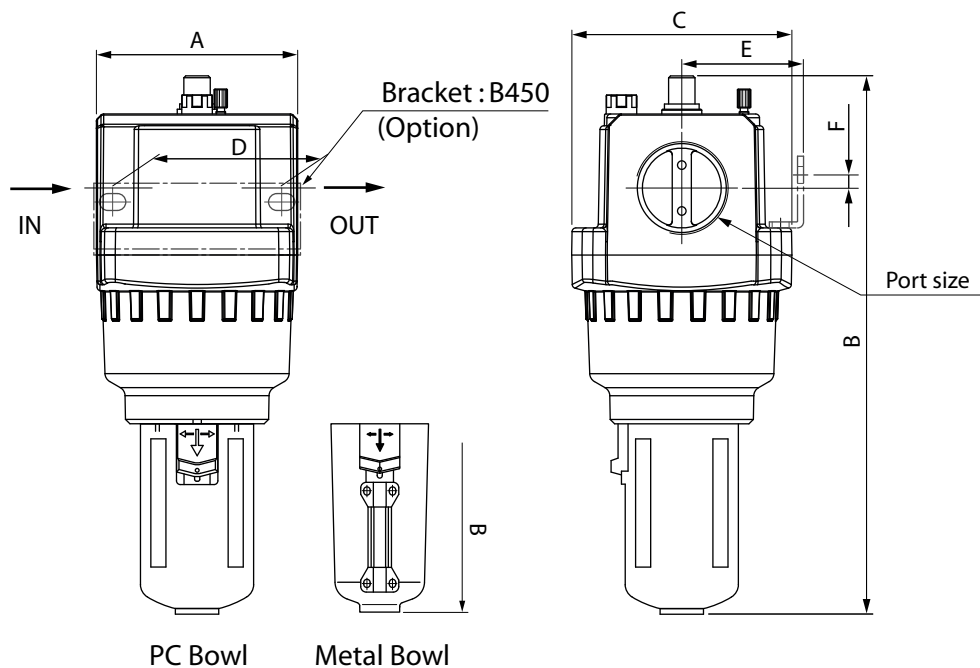
■ Component Parts

No.	PARTS	MATERIAL
①	Body	Aluminum die casted
②	Cover	Aluminum die casted

■ Replacement Parts

No.	PARTS	MATERIAL
③	Oil cap	Polycarbonate
④	Lubrication plug	N66G
⑤	Bumper assembly	-
⑥	Throttle screw	Bs
⑦	Check valve assembly	-
⑧	Siphon tube assembly	-
⑨	Bumper retainer assembly	-
⑩	Bowl	Polycarbonate Aluminum die casted

DIMENSIONS (mm)



Model	Port size (PT)	A	B		C	D	E	F
			PC	Metal				
SAR8000	1 1/4, 1 1/2	116	286	284	116	90	64	6.8
SAR9000	2	116	286	284	116	90	64	6.8