

Air Lubricator (SAL)

SAL100~600 Series



SAL100

SAL200

SAL300

SAL400

SAL600

How to order

SAL 4 00 - 04 B - MeP

- ① Air Lubricator
- ② **Body Size**
 - 1 - 1/8
 - 2 - 1/4
 - 3 - 3/8
 - 4 - 1/2, 3/4
 - 6 - 1
- ③ **Thread type**
 - Nil - Rc(PT)
 - N - NPT
 - G - G(PF)
- ④ **Port Size**

Symbol	Size	Body size					
		1	2	3	4	6	
M5	M5	●					
01	1/8		●				
02	1/4		●	●			
03	3/8			●			
04	1/2				●		
06	3/4				●	●	
10	1					●	
- ⑤ **Accessory(Optional)**
 - Nil - None Bracket
 - B - Bracket
- ⑥ **Bowl**
 - Nil - PC bowl
 - MeP - Metal bowl with pipe type sight glass

Symbol



Specification

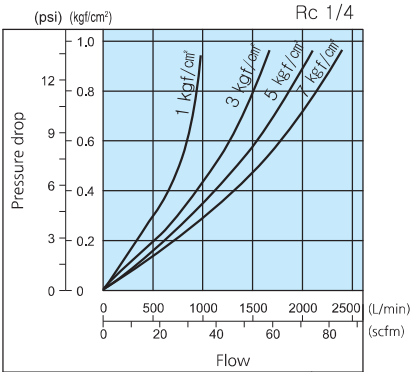
Fluid	Compressed Air
Max. operating pressure	10bar (1.0MPa)
Max. supply pressure	15bar (1.5MPa)
Ambient and Media temp.	-5 ~ 60℃ (No freezing)
Recommended oil	Turbin oil (ISO VG32)
Bowl material	Poly-carbonate (option: ALDC)

Precautions

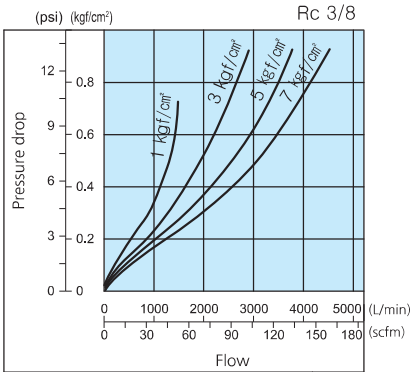
- ① Do not use Poly-carbonate bowls in an environment where they are exposed to or come in contact with organic solvents, chemicals, cutting oil, synthetic oil, alkali, and thread lock solutions.
- ② Do not introduce air from the outlet side as this can damage the damper.
- ③ Use a check valve (SACM series) to prevent back flow of the lubricant when redirecting the air flow before the lubricator.
- ④ Avoid riser piping and branch lines on the outlet side to prevent inferior lubrication.
- ⑤ Adjustment of the oil regulating valve should be carried out manually. Turning it counterclockwise increases the dripping amount, and turning it clockwise reduces the dripping amount.
- ⑥ Check the usage rate once a day. If the lubricant is not normally consumed, problems may occur to the lubricated objects.

FLOW CHARACTERISTICS

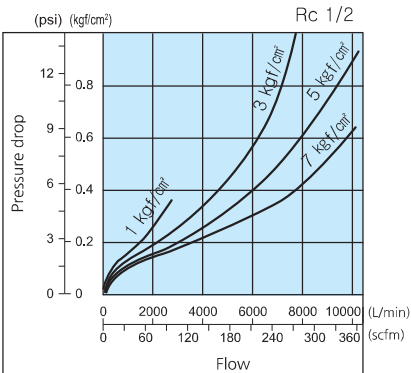
SAL 200



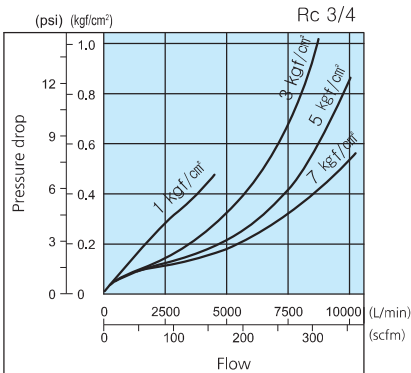
SAL 300



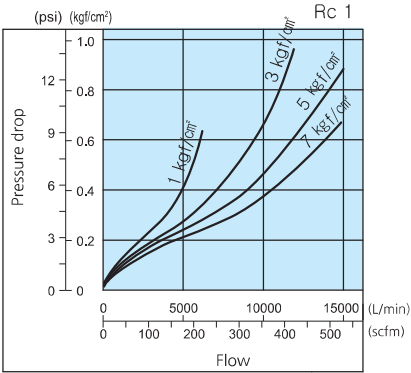
SAL 400-04



SAL 400-06



SAL 600



SAU

SAU
LARGE FLOW

SAU
HIGH PRESS.

SAW

SAW
HIGH PRESS.

SAWM
SAWD

SAF

SAF
LARGE FLOW

SAFM
SAFD

SAR

SAR
LARGE FLOW

SAR
T-HANDLE

SAR
HIGH PRESS.

SRP

SAL

SAL
LARGE FLOW

AUTO-DRAIN
KITS

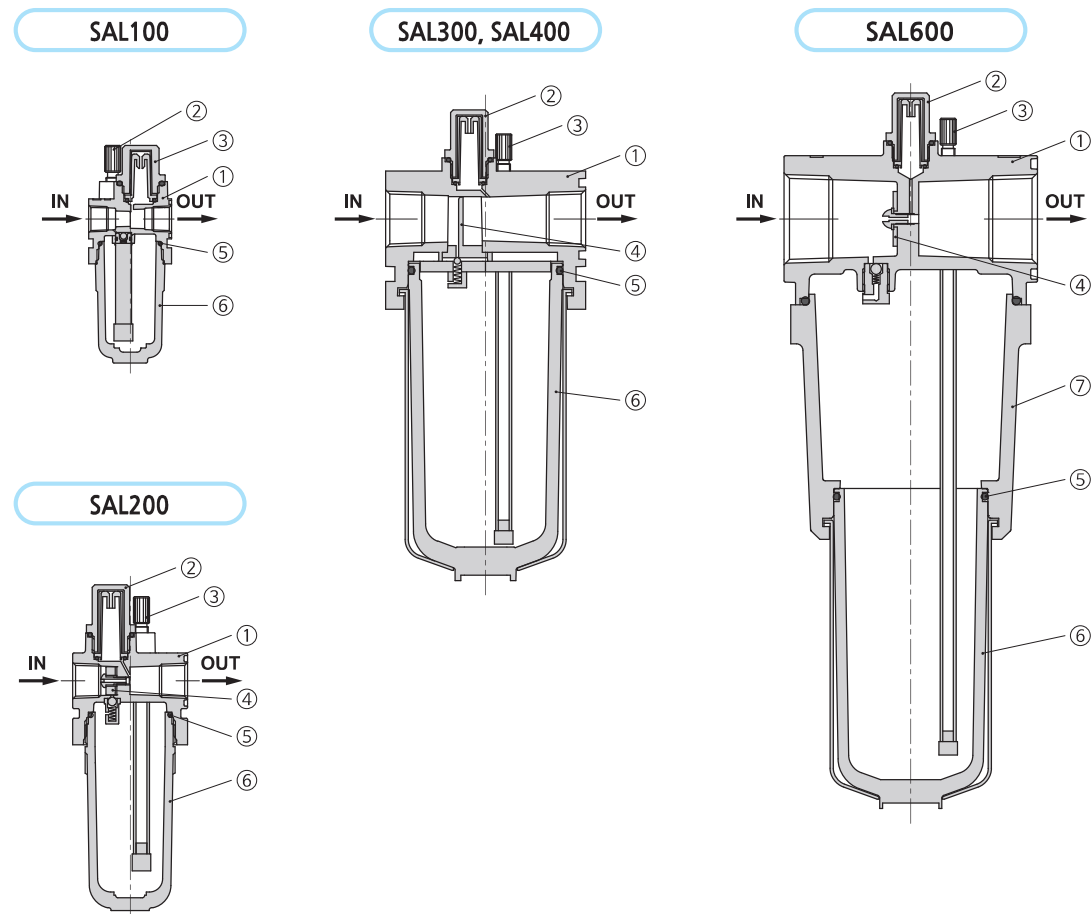
SHVS

SPS100

ACCESSORY

CAUTION

STRUCTURE / PARTS



■ Component Parts

No.	PARTS	MATERIAL
①	Body	ALDC
②	Oil cap	Nylon
③	Throttle screw	Bs
④	Damper Ass'y	Ur, NBR
⑥	Bowl Ass'y ¹⁾	PC
⑦	Housing	ALDC

1) Bowl Ass'y for the SAL300 to SAL600 models comes with a bowl guard (steel band material).

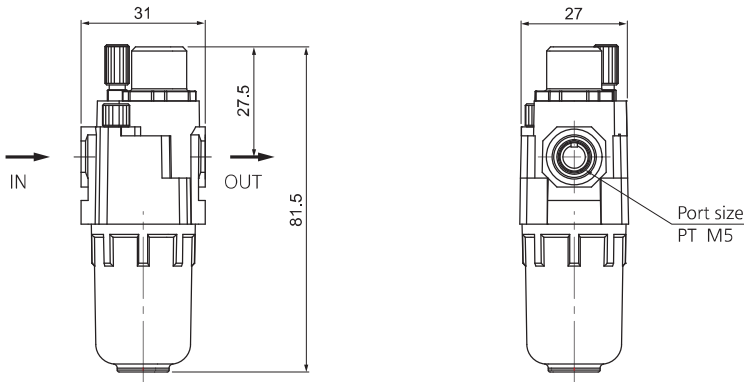
■ Replacement Parts

No.	PARTS	MATERIAL	Part no.				
			SAL100	SAL200	SAL300	SAL400	SAL600
⑤	O-ring	NBR	S22	U024	38x2	U137	U137

DIMENSIONS (mm)

SAL 100

- SAL100-□01(M5)



SAU

SAU
LARGE FLOW

SAU
HIGH PRESS.

SAW

SAW
HIGH PRESS.

SAWM
SAWD

SAF

SAF
LARGE FLOW

SAFM
SAFD

SAR

SAR
LARGE FLOW

SAR
T-HANDLE

SAR
HIGH PRESS.

SRP

SAL

SAL
LARGE FLOW

AUTO-DRAIN
KITS

SHVS

SPS100

ACCESSORY

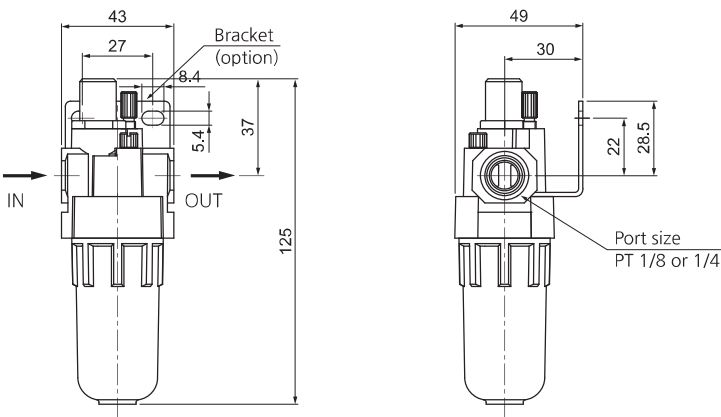
CAUTION

Series SAL100~600

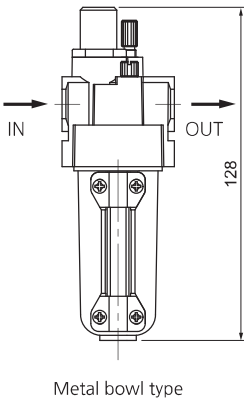
DIMENSIONS (mm)

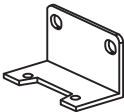
SAL 200

■ SAL200-□02□



■ Dimensions of each model with an option attached

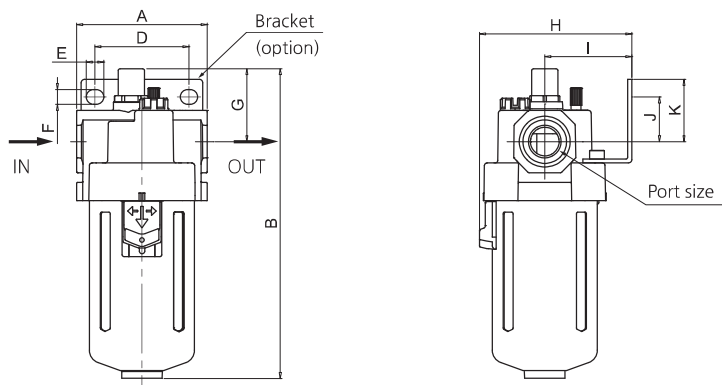


Option	B : Bracket
Model	 B200

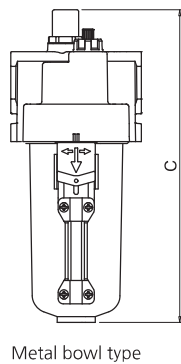
DIMENSIONS (mm)

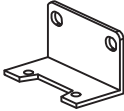
SAL 300~400

- SAL300-□03□□
SAL400-□04(06)□□



- Dimensions of each model with an option attached



Option	B : Bracket
Model	 SAL300 : B300 SAL400 : B400

Model	Port size	A	B	C	D	E	F	G	H	I	J	K
SAL300-03	1/4, 3/8	57	147	160	40	7.9	6.3	14	65	36.5	14	21
SAL400-04	1/2	75	177.5	177	54	10	8.5	41.9	85	50	25.7	35.7
SAL400-06	3/4	75	181.5	181	54	10	8.5	43.8	85	50	25.1	35.1

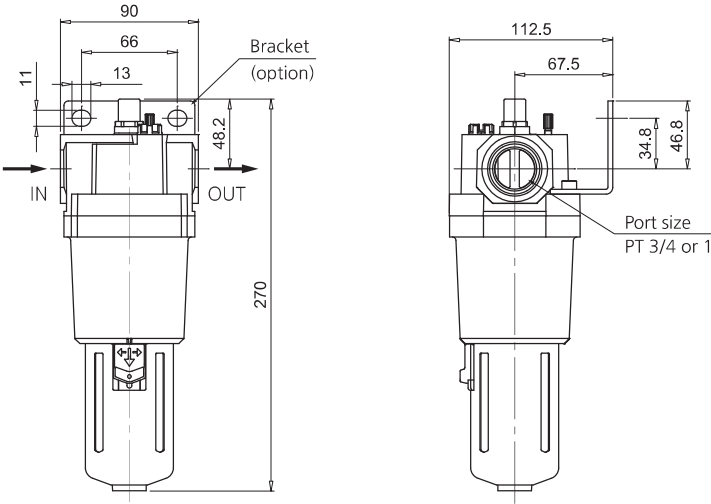
- SAU
- SAU
LARGE FLOW
- SAU
HIGH PRESS.
- SAW
- SAW
HIGH PRESS.
- SAWM
SAWD
- SAF
- SAF
LARGE FLOW
- SAFM
SAFD
- SAR
- SAR
LARGE FLOW
- SAR
T-HANDLE
- SAR
HIGH PRESS.
- SRP
- SAL
- SAL
LARGE FLOW
- AUTO-DRAIN
KITS
- SHVS
- SPS100
- ACCESSORY
- CAUTION

Series SAL100~600

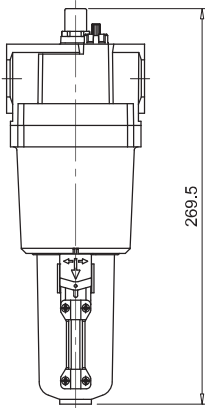
DIMENSIONS (mm)

SAL 600

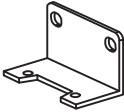
- SAL600-□06□□
- SAL600-□10□□



- Dimensions of each model with an option attached



Metal bowl type

Option	B : Bracket
Model	 B600

Large Flow Air Lubricator (SAL)

SAL800~900 Series



SAL900

SAU

SAU
LARGE FLOW

SAU
HIGH PRESS.

SAW

SAW
HIGH PRESS.

SAWM
SAWD

SAF

SAF
LARGE FLOW

SAFM
SAFD

SAR

SAR
LARGE FLOW

SAR
T-HANDLE

SAR
HIGH PRESS.

SRP

SAL

SAL
LARGE FLOW

AUTO-DRAIN
KITS

SHVS

SPS100

ACCESSORY

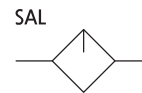
CAUTION

How to order

- SAL 8 00 - 14 B - MeP**
- Air Lubricator**
 - Body Size**
8 - 1 1/4, 1 1/2
9 - 2
 - Thread type**
Nil - Rc(PT)
N - NPT
G - G(PF)
 - Port Size**

Symbol	Size	Body size	
		8	9
12	1 1/4	●	
14	1 1/2	●	
20	2		●
 - Accessory(Optional)**
Nil - None Bracket
B - Bracket
 - Bowl**
Nil - PC Bowl
MeP - Metal bowl with pipe type sight glass

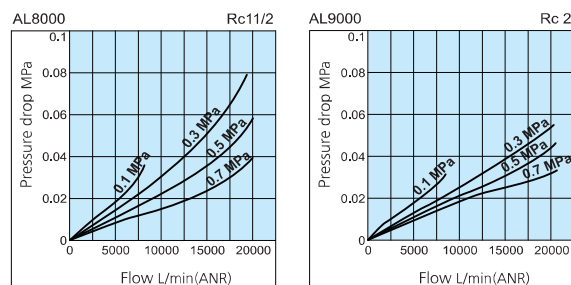
Symbol



Specification

Port size	SAL800	1 1/4, 1 1/2
	SAL900	2
Fluid	Compressed Air	
Max. operating pressure	10bar (1.0MPa)	
Max. supply pressure	15bar (1.5MPa)	
Ambient and Media temp.	-5 ~ 60°C (No freezing)	
Recommended oil	Turbin oil (ISO VG32)	
Bowl material	Poly-carbonate (option: ALDC)	

Flow Characteristics

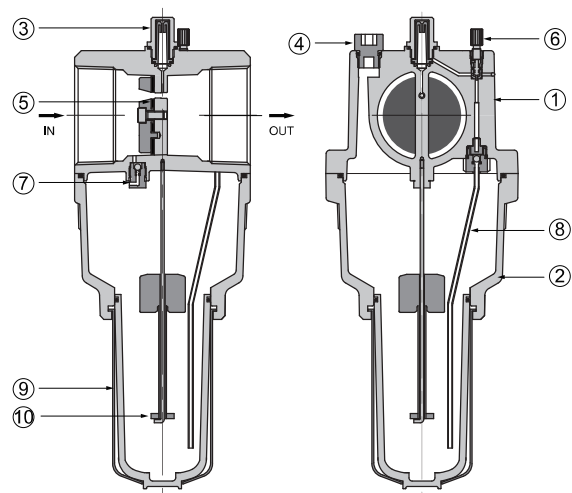


Precautions

- Do not use Poly-carbonate bowls in an environment where they are exposed to or come in contact with organic solvents, chemicals, cutting oil, synthetic oil, alkali, and thread lock solutions.
- Do not introduce air from the outlet side as this can damage the damper.
- Adjustment of the oil regulating valve should be carried out manually. Turning it counterclockwise increases the dripping amount, and turning it clockwise reduces the dripping amount.
- Check the usage rate once a day. If the lubricant is not normally consumed, problems may occur to the lubricated objects.

Series SAL800~900

STRUCTURE / PARTS



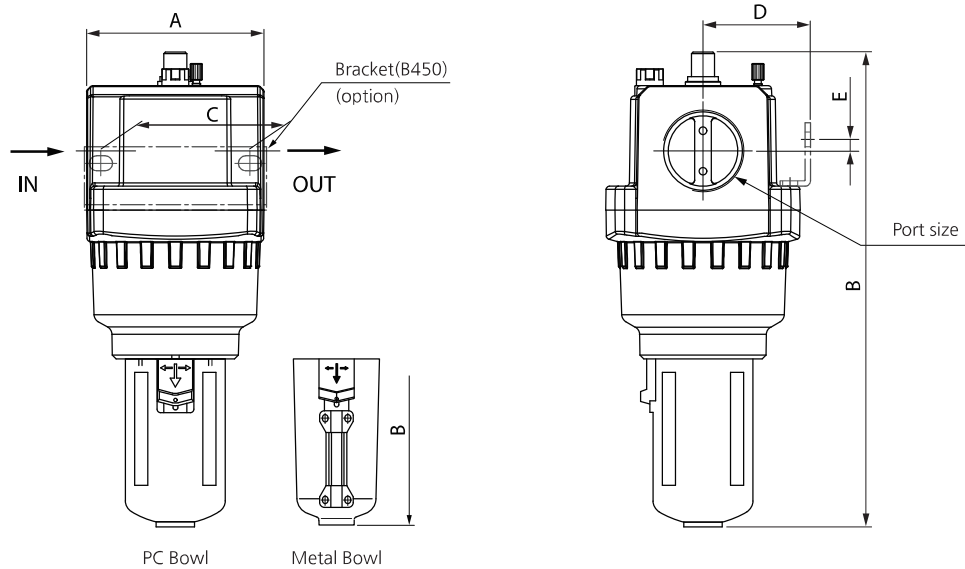
Component Parts

No.	PARTS	MATERIAL
①	Body	ALDC
②	Cover	ALDC

Replacement Parts

No.	PARTS	MATERIAL
③	Oil cap	Nylon
④	Lubrication plug	N66G
⑤	Bumper Ass'y	NBR
⑥	Throttle screw	Bs
⑦	Check valve Ass'y	Brass
⑧	Siphon tube Ass'y	Cu
⑨	Bowl Ass'y	PC
⑩	Oil level	POM

DIMENSIONS (mm)



Model	Port size	A	B		C	D	E
			PC	Metal			
SAL800	1 1/4, 1 1/2	116	286	284	90	64	6.8
SAL900	2	116	286	284	90	64	6.8