

Lubricator Outdoor Series

LW3000, LW4000, LW8000-W Series

Supplies fine oil mist.

● Port size: 1/4 to 1

JIS symbol



Specifications

Item	LW3000-W	LW4000-W	LW8000-W
Working fluid	Compressed air		
Max. working pressure MPa	1.0		
Proof pressure MPa	1.5		
Fluid temperature °C	5 to 60 (no freezing)		
Ambient temperature °C	-10 to 60		
Min. drip flow rate m ³ /min(ANR)	0.03	0.065	
Oil storage capacity cm ³	85	170	170 (MAX360) *2
Oil used	Turbine oil Class 1 ISO VG32 (spindle oil cannot be used)		
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2 (3/4 uses an adaptor)	3/4, 1 (1 1/4 uses an adaptor)
Weight kg	0.38	0.55	1.5

Option weight

* Add to the weight of the standard accessories.

Unit:kg

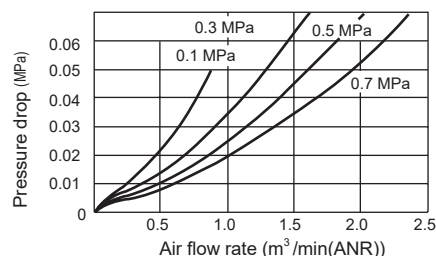
Code	Drain discharge	Attachment
	C	BW
LW3000	0	0.17
LW4000	0	0.21
LW8000	0	0.36

*1: The min. drip flow is that at which five drops of turbine oil drip per minute at the primary pressure of 0.5MPa and inlet air temperature of 20°C. (It cannot be used for dry fog.)

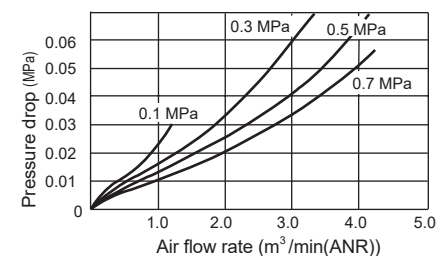
*2: When lubricating from the filling plug, set 300cm³ or less below the top of the cup window.

Flow Rate Characteristics

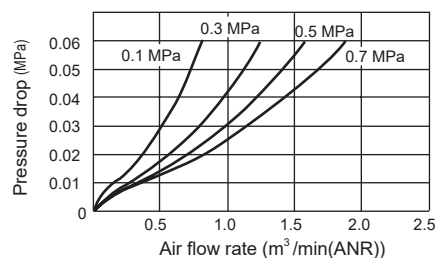
● LW3000-8-W



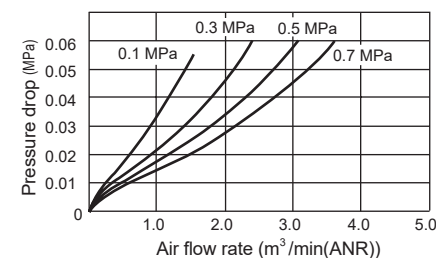
● LW3000-10-W



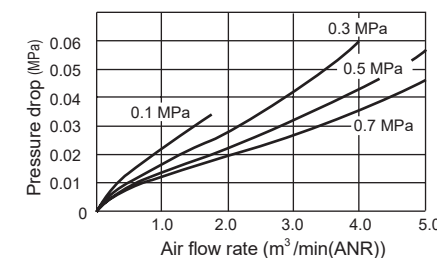
● LW4000-8-W



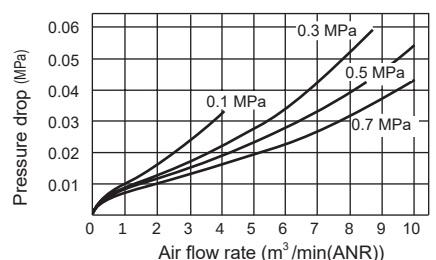
● LW4000-10-W



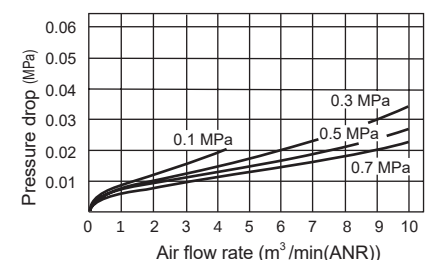
● LW4000-15-W



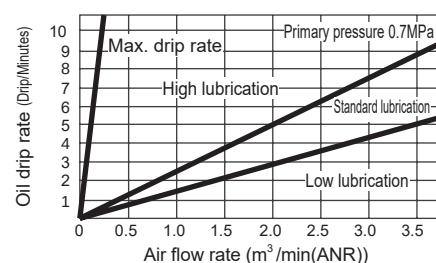
● LW8000-20-W



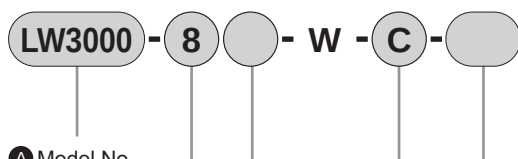
● LW8000-25-W



Oil drip rate



How to order



*For descriptions of options, see Pneumatic / and Vacuum / Auxiliary Components (Catalog NO.CB-024SA).

Code		Description		
B Port size				
8	1/4		●	●
10	3/8		●	●
15	1/2			●
20	3/4			●
25	1			●
C Port thread		*1, *3		
Blank	Rc thread (pressure unit: MPa temperature display unit: °C)	●	●	●
N	NPT thread (pressure unit: psi temperature display unit: °F)	●	●	●
G	G thread (pressure unit: bar temperature display unit: °C)	●	●	●
D Option		*2		
Drain	Blank	Without manual cock	●	●
Discharge	C	With manual cock	●	●
guarantee	Blank	1 year after delivery	●	●
period	G	3 years after delivery (with inspection certificate, inspection guidelines, traceability system diagram) *4, *5	●	●
Flow	Blank	Standard flow (left → right)	●	●
Direction	X1	Reverse flow (right → left)	●	●
E Bracket (included)				
Blank	Not included	●	●	●
BW	C-bracket	●	●	●

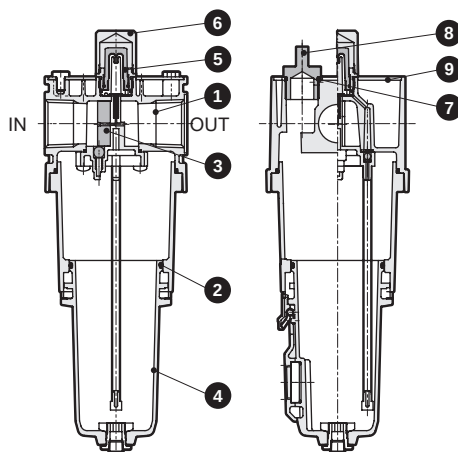
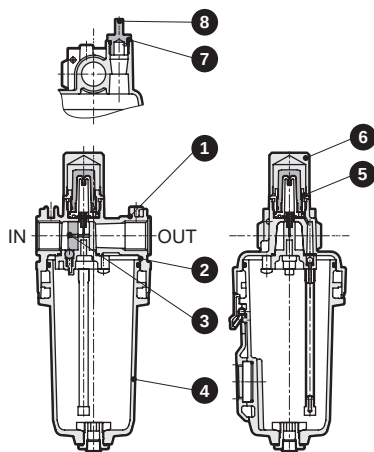
⚠ Precautions for model No. selection

- *1: G and NPT threads are available for IN and OUT.
- *2: When selecting options for several items, list options in order from the top.
- *3: In compliance with the Measurement Act, the psi display cannot be used in Japan.
- *4: The warranty period of option G is guaranteed for a period of three years from the date of delivery or for a period of one year from the start of use, whichever comes first.
- *5: For option G, the specifications and drawings must be exchanged. Refer to page 98 for details.

Internal structure and parts list

● LW3000-W, LW4000-W

● LW8000-W

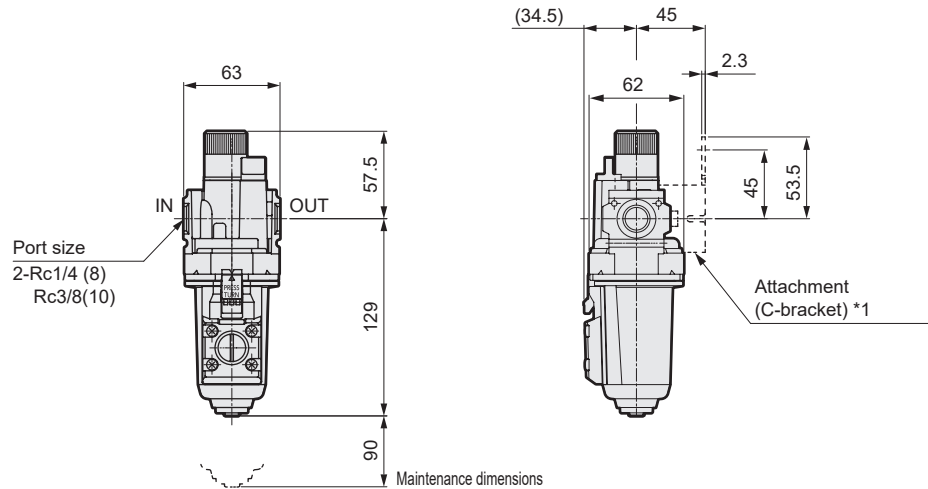


No.	Part name	Material
1	Body	Aluminum alloy die-casting
2	O-ring	Special nitrile rubber
3	Flow guide	Nitrile rubber
4	Metal bowl assembly	Aluminum alloy die-casting, zinc alloy die-casting, stainless steel
5	Adjusting dome Assembly	Stainless steel, nitrile rubber, polycarbonate resin
6	Dome cover	Aluminum
7	O-ring	Nitrile rubber
8	Filling plug	Stainless steel
9	Plate cover	Aluminum

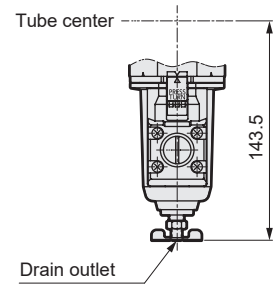
Lubricator Series

Dimensions

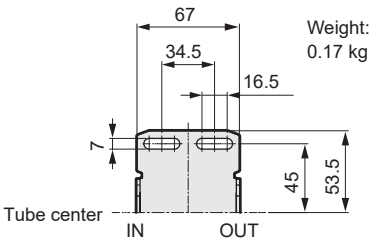
● LW3000-W



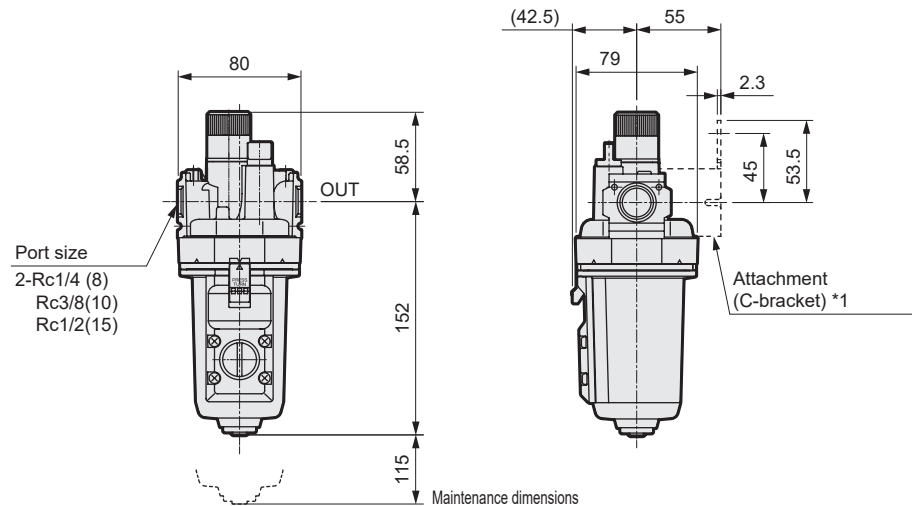
· Optional dimensions
With manual petcock (C)



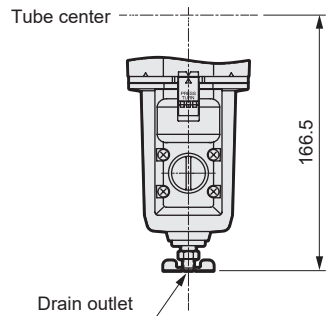
· Attachment
C-bracket (-BW)
Part model No.: B320
· Material: Steel
Zinc plated



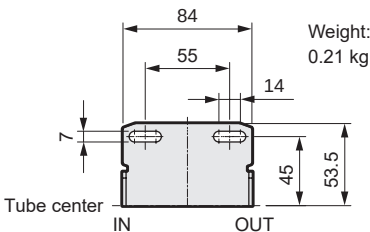
● LW4000-W



· Optional dimensions
With manual petcock (C)

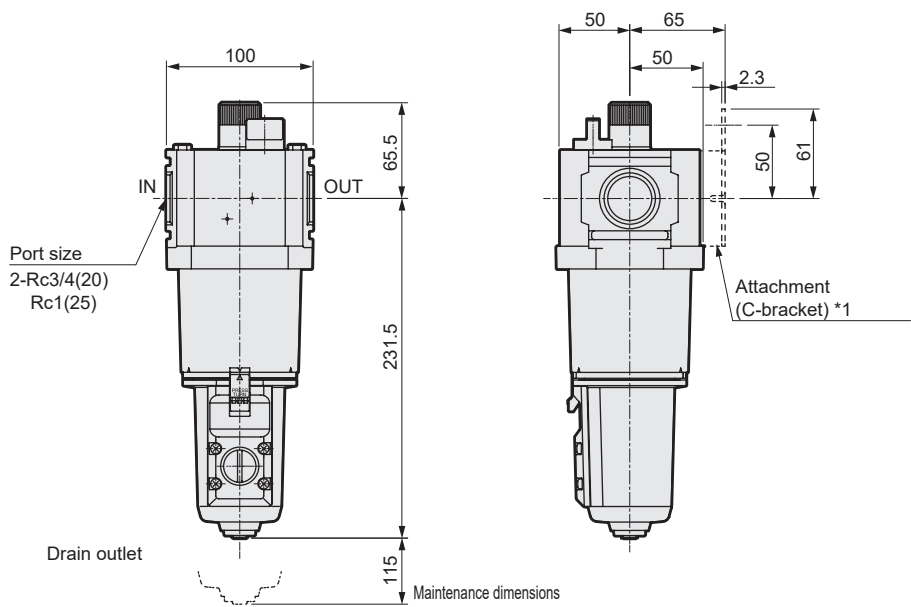


· Attachment
C-bracket (-BW)
Part model No.: B420



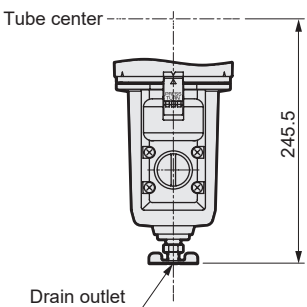
Dimensions

● LW8000-W

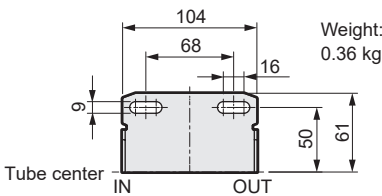


*1: Bracket is optionally included.

· Optional dimensions
With manual petcock (C)



· Attachment
C-bracket (-BW)
Part model No.: B820



Drain separator
F.R.L. unit

Pneumatic auxiliary
components

Pneumatic
valves

Fluid control
valves

Pneumatic
cylinders

Related
products

Safety
precautions