

MACP302 series

AIR UNIT (F.R.L.UNIT)



Technical data



Filter element



Caution for safety
(Read before installing)

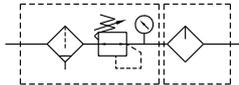


Option: **MP41**



Option: **MLF300**

Symbol



Specification

Model	MACP302		
Components	MAFR302, MAL302		
Bore No.	8A	10A	15A
Port size	1/4	3/8	1/2
Medium	Air		
Operating pressure range (*)	0.05~1 MPa		
Proof pressure	1.5 MPa		
Regulated pressure range	0.05~0.85 MPa		
Ambient temperature	- 5~+60°C (No freezing)		
Filter element	Standard: 5µm, Option: 40µm		
Lubricating oil capacity	65c.c		
Min. flow for oil drip	50 l/min	60 l/min	
Recommended lubricating oil	Turbine oil ISO-VG32		
Attachment	Pressure gauge(PG-20),T-type bracket		
Weight	845 g		

* Standard unit contains semi-auto-drain function when operating pressure below 0.05 MPa.

* Choose auto-drain FMRF300, the pressure range is 0.15~1 MPa.

Order example

MACP302 – 8A – NC□□□ – E1 – □ – T8 – HR – □

MODEL

PORT SIZE

8A: 1/4
10A: 3/8
15A: 1/2

(Option)
PRESSURE
SWITCH

E1: MP41P-022
E2: MP41P-022-QD**
E5: MP41P-042
E6: MP41P-042-QD**

** MOQ required.
Please contact us.

FILTER
ELEMENT

Blank: 5µm
40u: 40µm

(Option)
BY-PASS PORT SIZE

T type bracket	T8: 1/4 T10: 3/8 T15: 1/2
Check valve (*2)	K8: 1/4 K10: 3/8

PORT THREAD

Blank: Rc thread
G: G thread
NPT: NPT thread

(Option)

SHUTOFF VALVE

HR: MVHR-302-3H
1: MVHR-302S-3H-AC110
1L: MVHR-302S-3H-AC110-L
1E: MVHR-302S-3H-AC110-E
2: MVHR-302S-3H-AC220
2L: MVHR-302S-3H-AC220-L
2E: MVHR-302S-3H-AC220-E
4: MVHR-302S-3H-DC24
4L: MVHR-302S-3H-DC24-L
4E: MVHR-302S-3H-DC24-E

(Option)

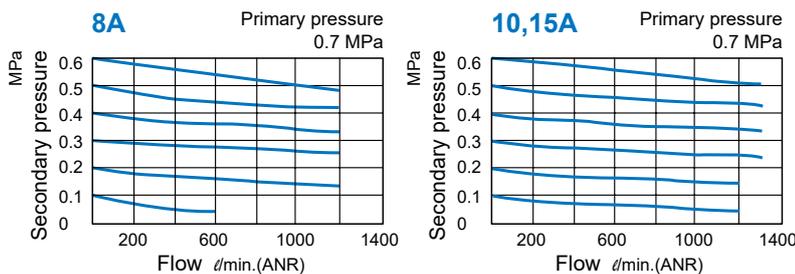
Bowl	Pressure gauge (*1)	Drain valve (for MAFR302)	Float switch (for MAL302)	Flow direction
Blank: PC bowl M: Metal bowl N: Nylon bowl	Blank: Pressure gauge (PG-20) C: External pressure gauge (PG-40) + Gauge adapter set (A-MAR302) A: Gauge adapter set (A-MAR302)	Blank: Semi-auto drain D: Auto drain valve (FMRF300)	Blank: without F: with (MLF300)	Blank: Left to right R: Right to left

1. PG-40 (C), A-MAR302 (A) and MP41 (E) can not be selected at the same time.

*2. Be sure to use above check valves when redirecting the air flow on the inlet side of the lubricator.

Caution

Flow feature

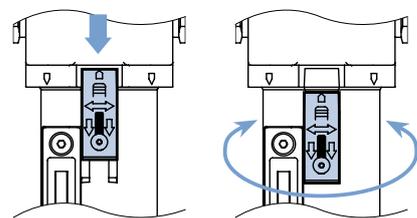


Metal bowl

Before assembling or disassembling, push the lock plate down to the end, and confirm that is detached from the body then rotate the bowl, otherwise the lock plate will be deformed or the body will be scratched.

1. Sliding plate down

2. Rotating the bowl

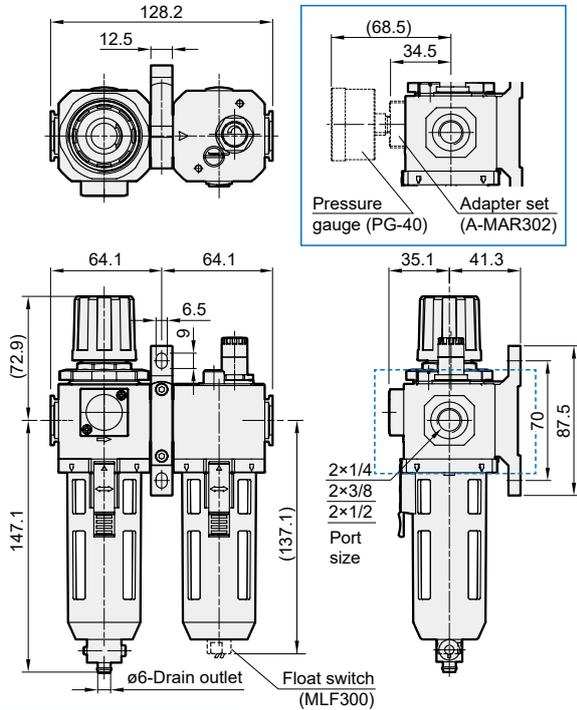


MACP302 Dimensions

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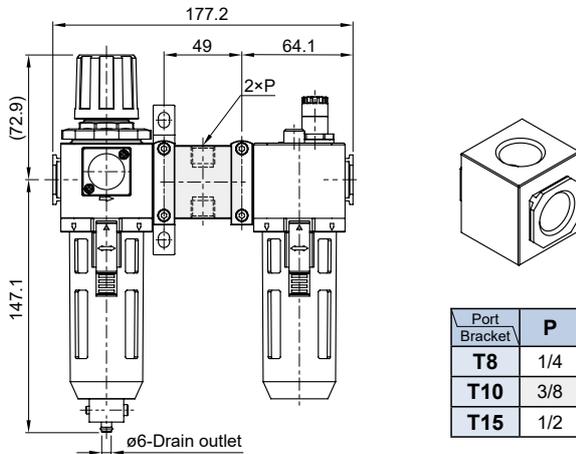


Accessories



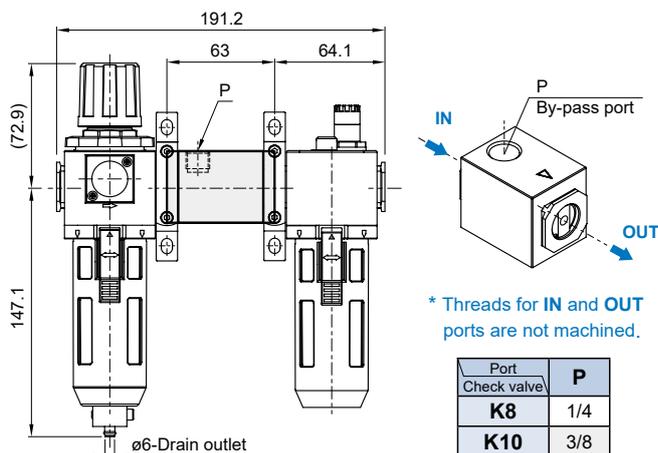
MACP302-T*

T type bracket



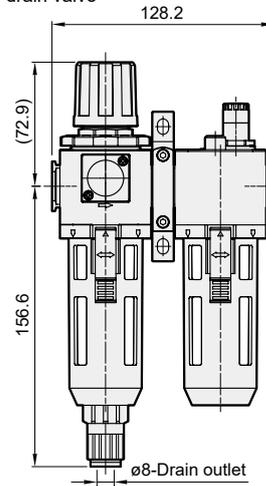
MACP302-K*

Check valve



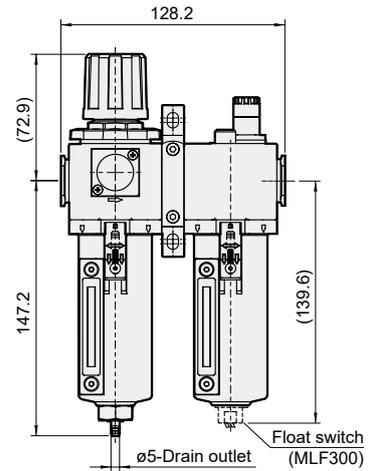
MACP302-D

Auto drain valve



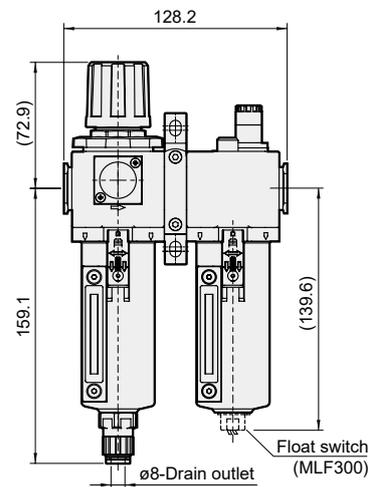
MACP302-M

Metal bowl



MACP302-MD

Metal bowl + Auto drain valve



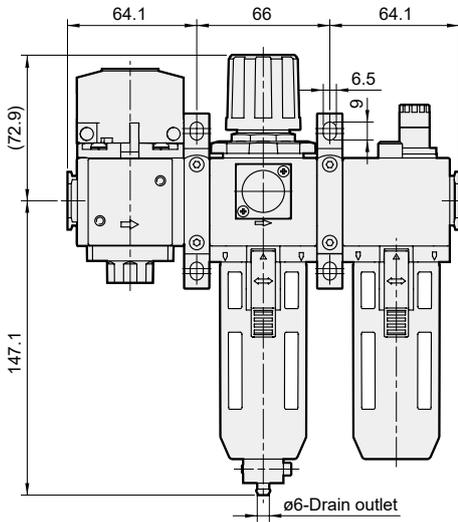
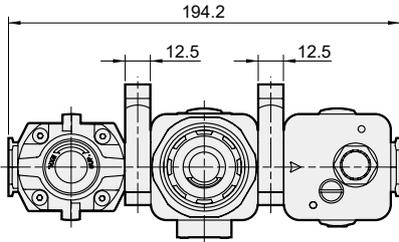
MACP302-HR With shutoff valve

AIR UNIT (F.R.L.UNIT)

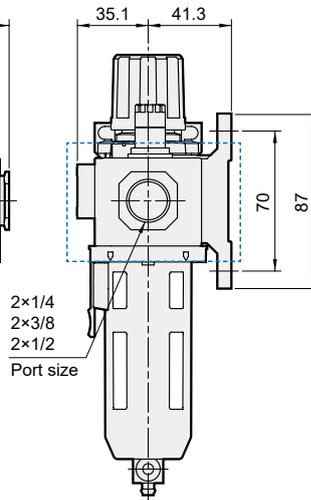
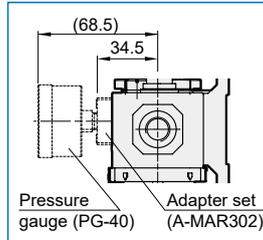


MACP302-HR

With shutoff valve (MVHR-302)



Accessories



MACP302-1*1/2*/4*

With shutoff valve (MVHR-302S)

