

MACP302 series

AIR UNIT (F.R.L.UNIT)



Mindman

Specification

Model	MACP302		
Components	MAFR302, MAL302		
Bore No.	8A	10A	15A
Port size	1/4	3/8	1/2
Medium	Air		
Operating perssure 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		

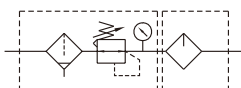
* Standard unit contains semi-auto-drain function when operating pressure below 0.05 MPa.

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



Option: MP41

Symbol



Order example

MODEL	PORT SIZE	(Option) PRESSURE SWITCH	FILTER ELEMENT	(Option) BY-PASS PORT SIZE	PORT THREAD
MACP302	8A: 1/4 10A: 3/8 15A: 1/2	E1: MP41P-022 E2: MP41P-022-QD E5: MP41P-042 E6: MP41P-042-QD	Blank: 5μm 40u: 40μm	T type bracket Check valve	Blank: Rc thread G: G thread NPT: NPT thread

* Refer to page 5-12 for MP41.

(Option) ACCESSORIES

Bowl	Pressure gauge	Drain valve
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)

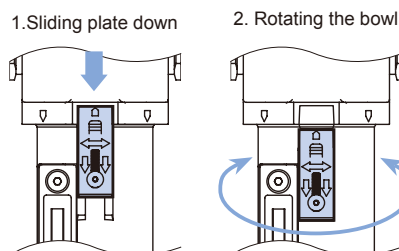
* PG-40 (C) and MP41 (E*) can not be selected at the same time.

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

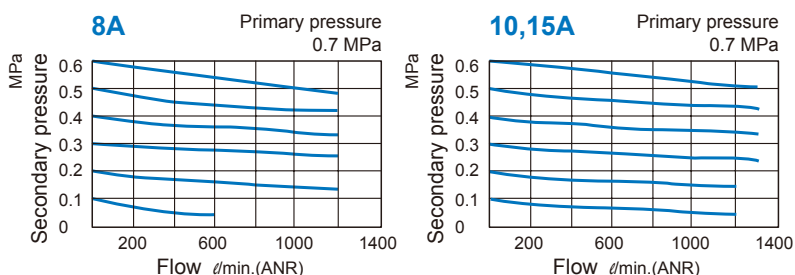
Caution

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.



Flow feature

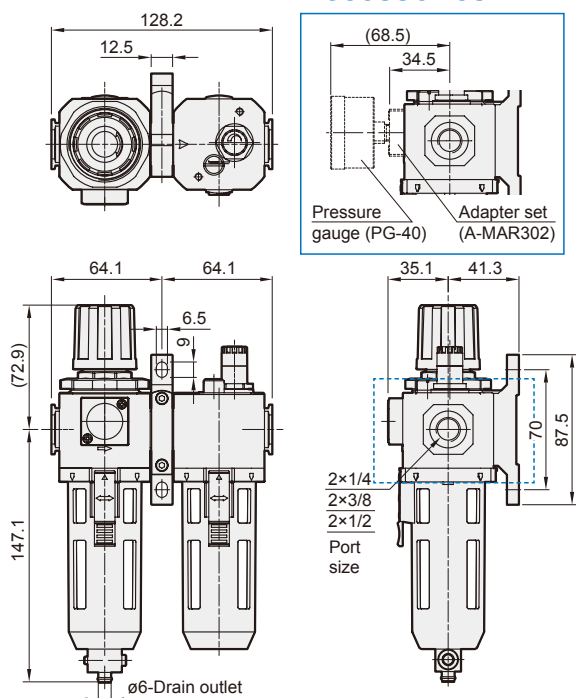


MACP302 Dimensions

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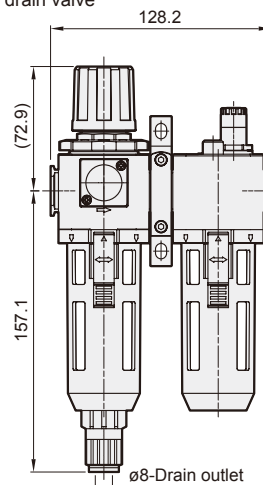


Accessories



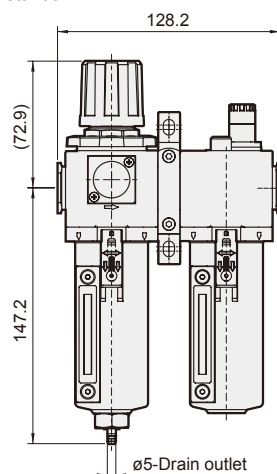
MACP302-D*

Auto drain valve



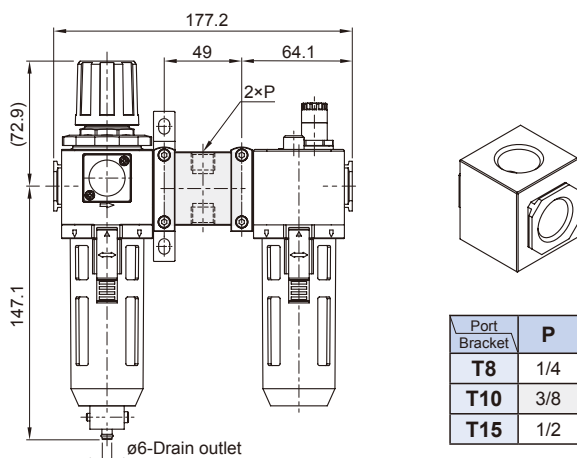
MACP302-M*

Metal bowl



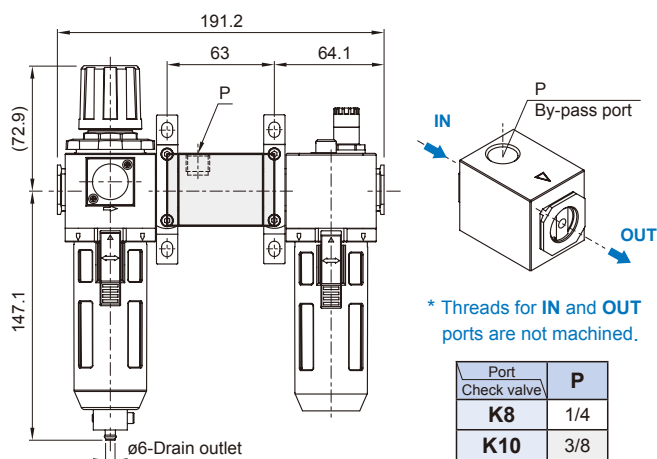
MACP302-T*

T type bracket



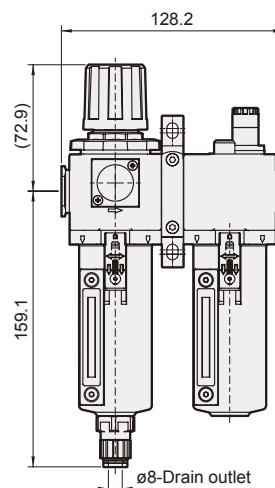
MACP302-K*

Check valve



MACP302-DM*

Auto drain valve + Metal bowl

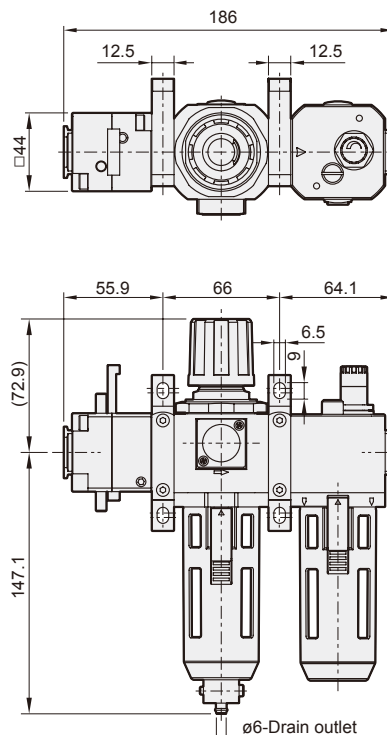


MACP302-HT With shutoff valve

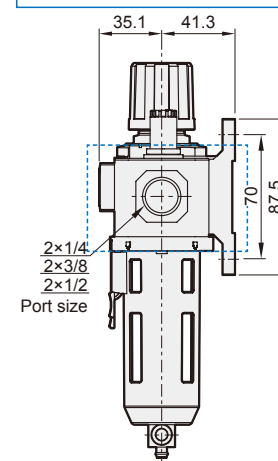
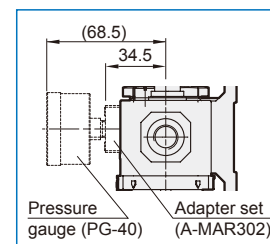
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Accessories



Order example

MACP302 – 8A – NC□ – E1 – □ – HT – □

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

FILTER
ELEMENT

Blank: 5µm
40u: 40µm

SHUTOFF VALVE
HT: MVHT-302-3H

PORT THREAD

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

(Option) ACCESSORIES

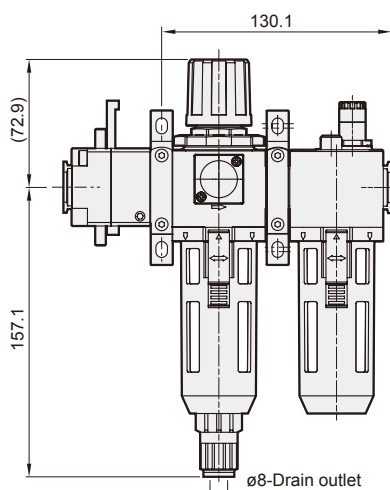
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Bowl	Pressure gauge	Drain valve
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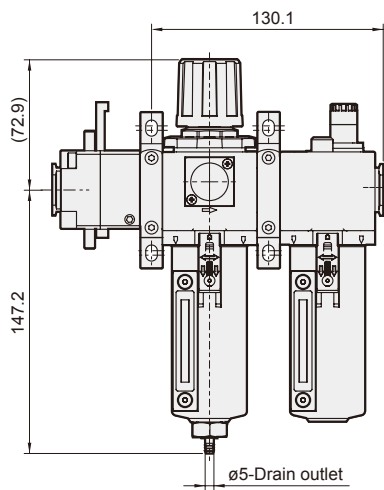
MACP302-D*

Auto drain valve



MACP302-M*

Metal bowl



MACP302-DM*

Auto drain valve + Metal bowl

