MACP403 series

AIR UNIT (F.R.L.UNIT)

Technical data

Filter element

User manual

Caution for safety
(Read before installing)



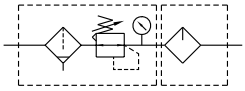


Option: **MP41**



Option: **MLF400**

Symbol



Specification

Model	MACP403		
Components	MAFR403, MAL403		
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	0.1~0.85 MPa		
Ambient temperature	– 5~+60°C (No freezing)		
Filter element	Standard: 40μm, Option: 5μm		
Drain capacity	75 cm^3		
Lubricating oil capacity	200 cm^3		
Min. flow for oil drip	30 ℓ/min	65 ℓ/min	80 ℓ/min
Recommended lubricating oil	Turbine oil ISO-VG32		
Standard attachment	Pressure gauge (PG-20), L type bracket		
Weight	1100 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

MACP403 – 8A – NC□□P□ – E1 – □ – T8 – HR – □

MODEL

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

PRESSURE SWITCH
Blank: without
E1: MP41P-022
E2: MP41P-022-QD**
E5: MP41P-042
E6: MP41P-042-QD**
** MOQ required. Please contact us.

FILTER ELEMENT
Blank: 40μm
5u: 5μm

BY-PASS PORT SIZE

Blank	without
T type bracket	**T8**: 1/4 **T10**: 3/8 **T15**: 1/2
Check valve	**K8**: 1/4 **K10**: 3/8

PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread

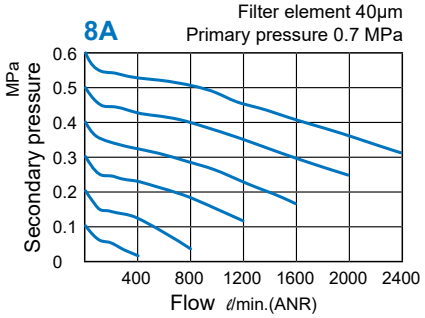
SHUTOFF VALVE
Blank: without
HR: MVHR-400-3H
1: MVHR-400S-3H-AC110
1L: MVHR-400S-3H-AC110-L
1E: MVHR-400S-3H-AC110-E
2: MVHR-400S-3H-AC220
2L: MVHR-400S-3H-AC220-L
2E: MVHR-400S-3H-AC220-E
4: MVHR-400S-3H-DC24
4L: MVHR-400S-3H-DC24-L
4E: MVHR-400S-3H-DC24-E

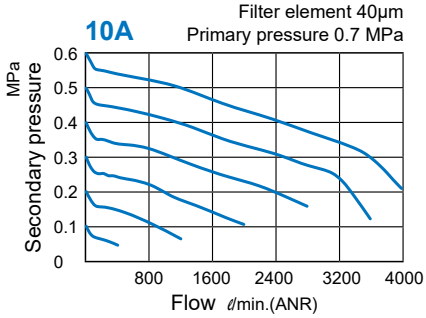
* 400: Manual type,
400S: Solenoid type.
* MVHR series .

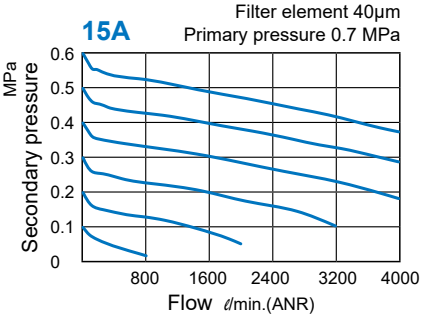
Bowl	Pressure gauge	Drain valve	Float switch (for MAL403)	Pressure switch	Flow direction
Blank: PC bowl **N**: Nylon bowl	Blank: Pressure gauge (PG-20) **C**: External pressure gauge (PG-40) + Gauge adapter set (A-MAR302) **A**: Gauge adapter set (A-MAR302)	Blank: Semi-auto **D**: Auto (FMRF300)	Blank: without **F**: with (MLF400)	Blank: without **P**: Pressure switch (MPS series)	Blank: Left to right **R**: Right to left

* PG-40 (C), A-MAR302 (A) and MP41 (E*) can not be selected at the same time.
* Be sure to use above check valves when redirecting the air flow on the inlet side of the lubricator.

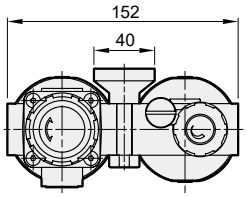
Flow feature

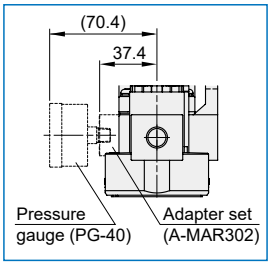


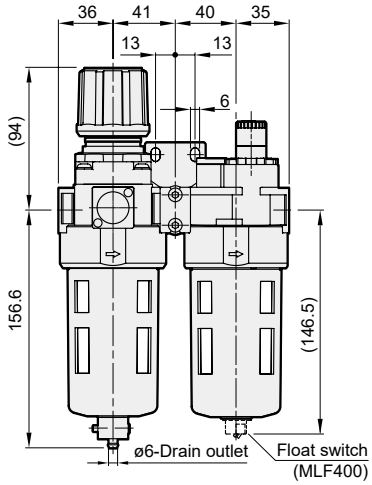


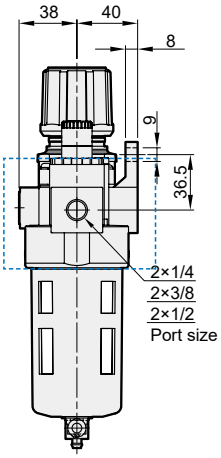


Accessories



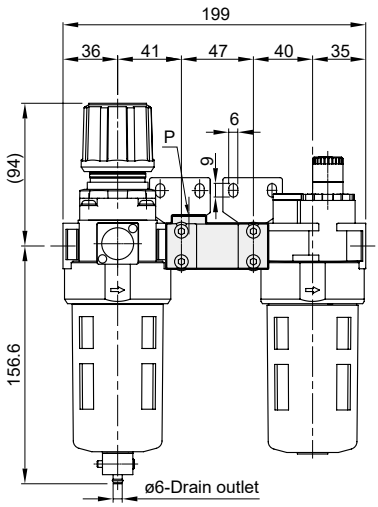


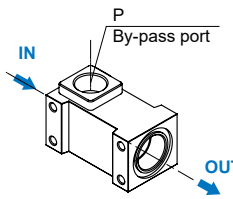




MACP403-K*

Check valve



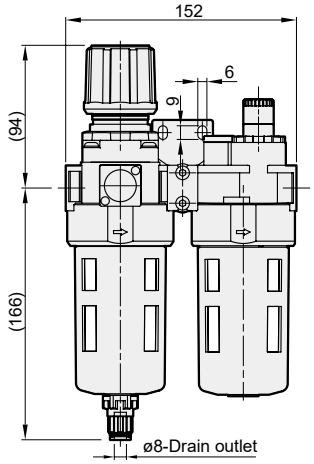


Port / Check valve	P
K8	1/4
K10	3/8

* Threads for **IN** and **OUT** ports are not machined.

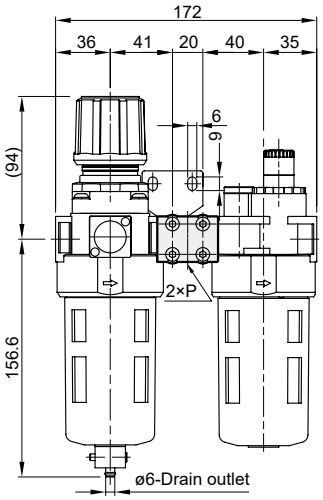
MACP403-D

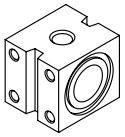
Auto drain valve



MACP403-T*

T type bracket

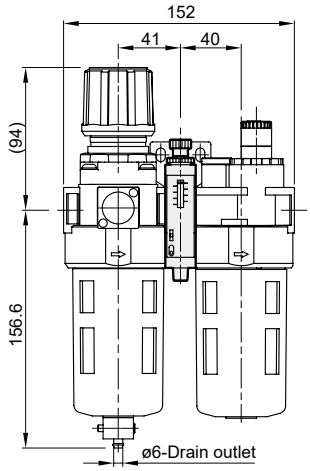


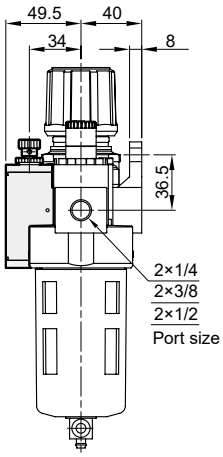


Port / Bracket	P
T8	1/4
T10	3/8
T15	1/2

MACP403-P

MPS Series
pneumatic pressure switch



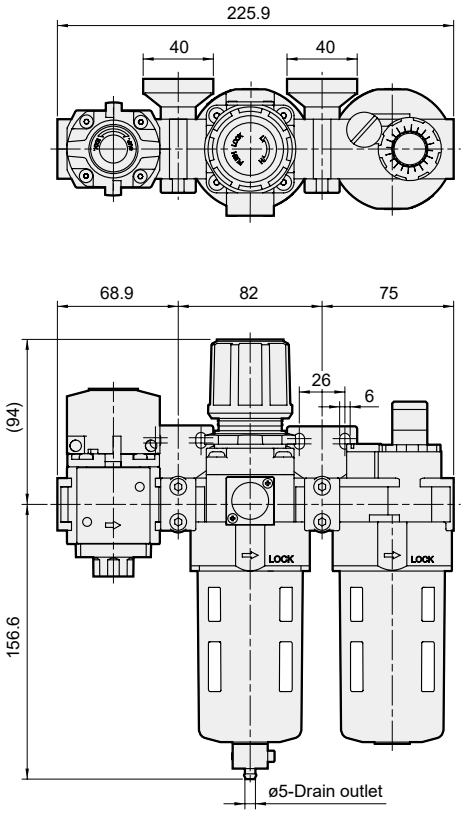


MACP403-HR With shutoff valve

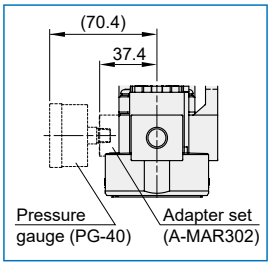
AIR UNIT (F.R.L.UNIT)

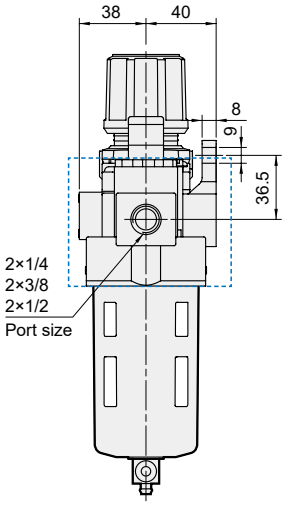
MACP403-HR

With shutoff valve (MVHR-400)



Accessories





MACP403-1*/2*/4*

With shutoff valve (MVHR-400S)

