MACT403 series

AIR UNIT (F.R.L.UNIT)

Technical data

Filter element

User manual

Caution for safety
(Read before installing)



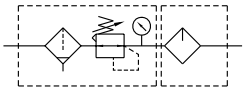


Option: **MP41**



Option: **MLF400**

Symbol



Specification

Model	MACT403		
Components	MAF403, MAR403, 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	1345 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

MACT403 – 8A – NC□ □P□ – E1 – □ – T8 – □

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

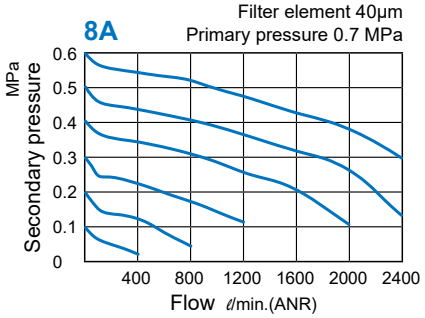
Blank	without
T type bracket	**T8**: 1/4 **T10**: 3/8 **T15**: 1/2
Check valve	**K8**: 1/4 **K10**: 3/8

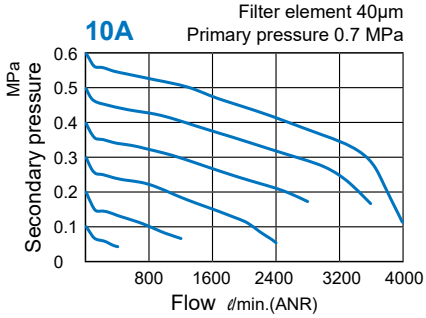
PORT THREAD
Blank: Rc thread
G: G thread
NPT: NPT thread

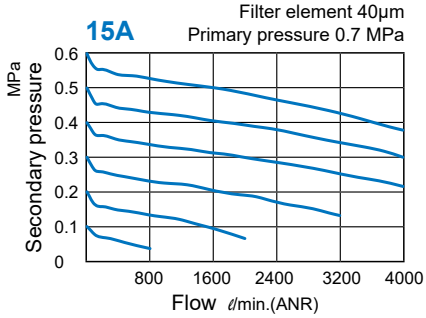
Bowl	Pressure gauge	Drain valve	Float switch (for MAL403)	Pressure switch	Flow direction
Blank: PC bowl **N**: Nylon bowl	Blank: Pressure gauge (PG-20) **C**: External pressure gauge (PG-40) + Gauge adapter set (A-MAR302) **A**: Gauge adapter set (A-MAR302)	Blank: Semi-auto **D**: Auto (FMRF300)	Blank: 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



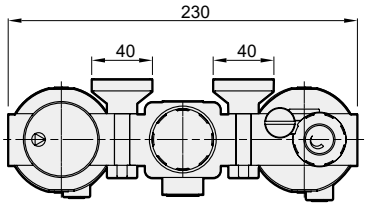




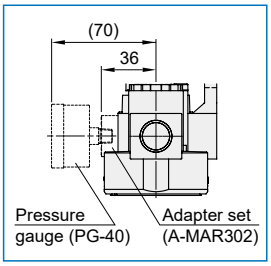
MACT403 Dimensions

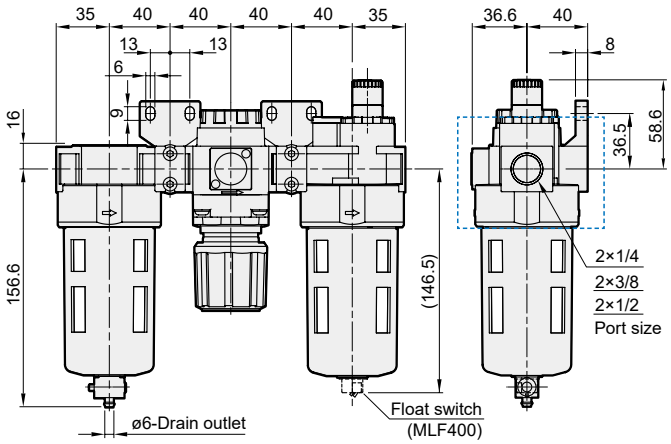
AIR UNIT (F.R.L.UNIT)

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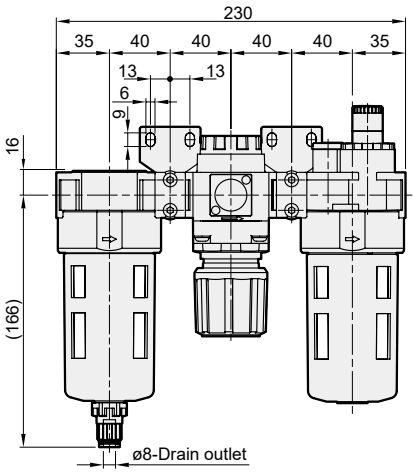
Accessories





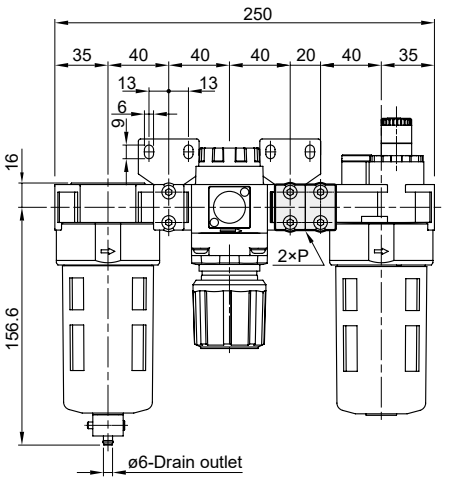
MACT403-D

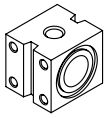
Auto drain valve



MACT403-T*

T type bracket

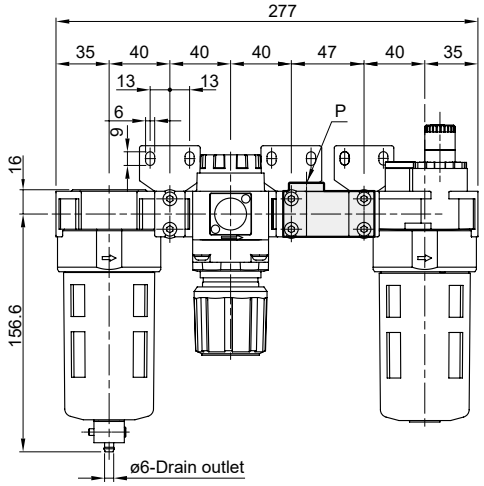


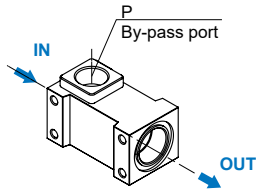


Port / Bracket	P
T8	1/4
T10	3/8
T15	1/2

MACT403-K*

Check valve





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

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

MACT403-P

MPS Series
pneumatic pressure switch

