

MAFR403 series

AIR UNIT (F.R.UNIT)



Technical data



Filter element



User manual

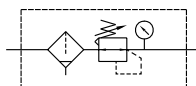


Caution for safety
(Read before installing)



Option: MP41

Symbol



Specification

Model	MAFR403		
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		
Attachment	Standard	Pressure gauge (PG-20)	
	Optional	Screw fixed bracket	
Weight	620 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

MAFR403 K - 8A - □ - NC□P□ - E1 - □ - HR - □

MODEL

Blank: Standard
K: Backflow function
⚠ Caution

PORT SIZE

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

EXHAUST MECHANISM

Blank: Relieving type
Q: Non-relieving type

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

BRACKET

Blank: without
B2: Screw fixed

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

Bowl	Pressure gauge	Drain valve	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 P: Pressure switch (MPS series)	Blank: Left to right R: Right to left

* Standard type regulator can not release the outlet pressure completely, even if inlet pressure was cut off, and the backflow function (K) must be applied to completely remove the residual pressure.

* The (Q) non-relieving type regulator is used. When the output pressure is higher than the set pressure, the output pressure will not flow out through the exhaust hole.

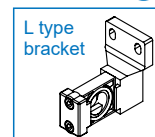
* PG-40 (C), A-MAR302 (A) and MP41 (E*) can not be selected at the same time.

* There is no pressure gauge in option (A), please purchase if necessary.

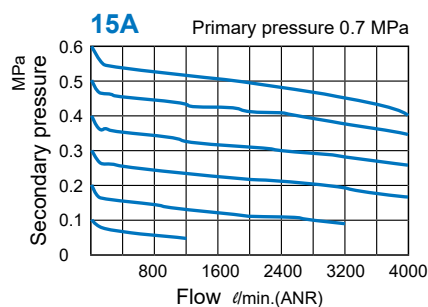
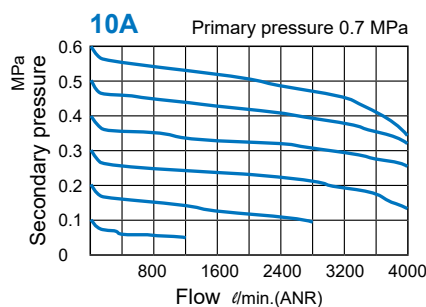
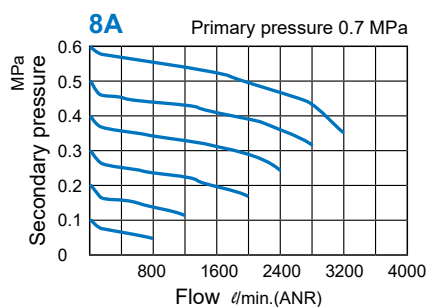
* 400: Manual type, 400S: Solenoid type

* Shutoff valve with L type bracket, no need to choose another bracket.

* MVHR series

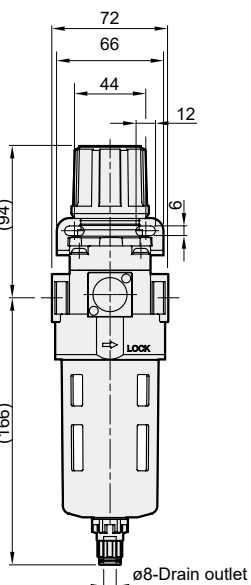


Flow feature

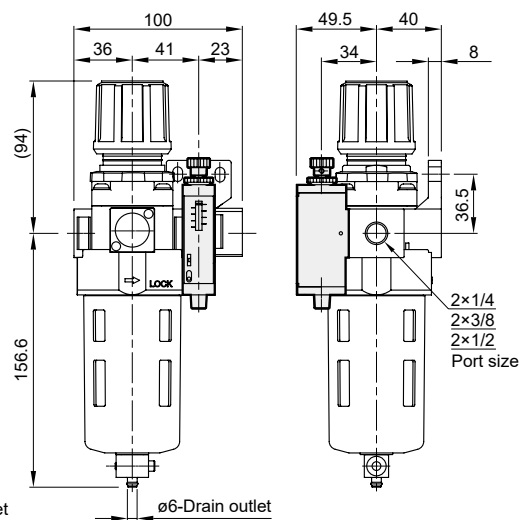


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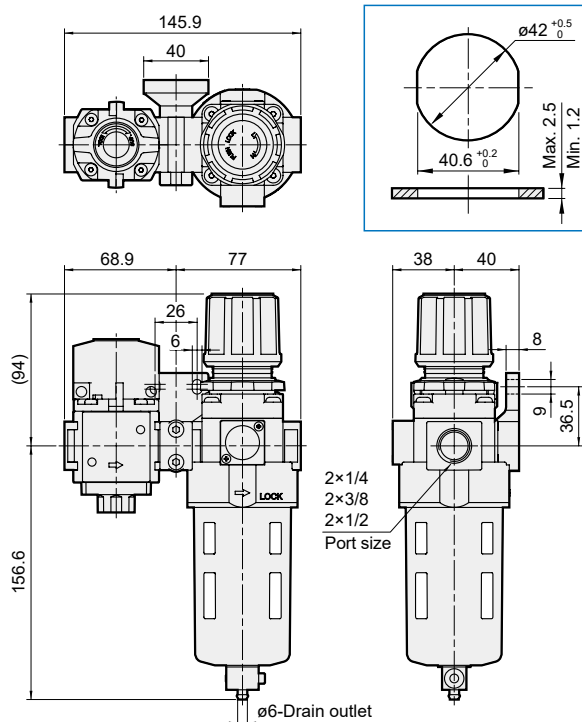
Auto drain valve



MPS Series
pneumatic pressure switch



With shutoff valve (MVHR-400)



With shutoff valve (MVHR-400S)

