



Technical data



Filter element



User manual

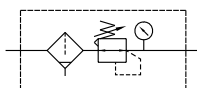


Caution for safety

Caution for safety
(Read before installing)

**MAFR200L**

Symbol



Specification

Model		MAFR200	
Bore No.		6A	8A
Port size		1/8	1/4
Medium		Air	
Operating perssure range (*1,2)		0.05~1 MPa, 0.15~1 MPa (MAFR200L-D)	
Proof pressure		1.5 MPa	
Regulated pressure range		Standard: 0.05~0.85 MPa	
Ambient temperature		– 5~+60°C (No freezing)	
Filter element		Standard: 40µm, Option: 5 µm	
Drain capacity		9.5 cm ³ , 25 cm ³ (MAFR200L), 18 cm ³ (MAFR200L-D)	
Attachment	Standard	Pressure gauge (PG-40), L type bracket	
	Optional	Z type bracket	
Weight		257 g, 226 g (MAFR200L)	

*1. Semi-auto drain (N.O. type): The drain port automatically discharges accumulated water when pressure is below 0.05 MPa.

*2. Auto drain (N.C. type): Residual water remaining in the bowl after air shut-off or drainage is normal.

*3 Poor air quality may cause product malfunction. Installing an upstream pre-filter (e.g., 40 µm) is recommended.

*4. Bowls for semi-auto drain and auto drain valve (D) are not interchangeable.

Order example

MAFR200L K – 6A – □ – 1K – □ □ □ – □ – □ – □

MODEL
Blank: Standard
K: Backflow function
 **Caution** 

PORT SIZE
6A: 1/8
8A: 1/4

EXHAUST MECHANISM
Blank: Relieving type
Q: Non-relieving type

BOWL
Blank: PC bowl
M: Metal bowl (*)
N: Nylon bowl
* Only for 200L.

FLOW DIRECTION
Blank: Left to right
R: Right to left

FILTER ELEMENT
Blank: 40µm
5u: 5µm

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

ADJUSTABLE

DRAIN VALVE

BRACKET
Blank: L type
B3: Z type

*1. 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.

*2. 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.

ADJUSTABLE
PRESS. RANGE

Blank: 0.05~0.85 MPa

1K: 0.01~0.1 MPa

2K: 0.01~0.2 MPa

3K: 0.01~0.3 MPa

4K: 0.01~0.4 MPa

DRAIN VALVE

Blank: Semi-auto drain

D: Auto drain valve (MADV201)(**)

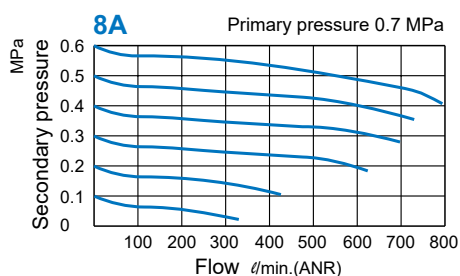
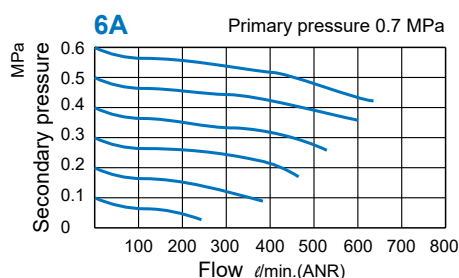
**Only for 200L PC bowl.

BRACKET

Blank: I type

B3: Z type

Flow feature



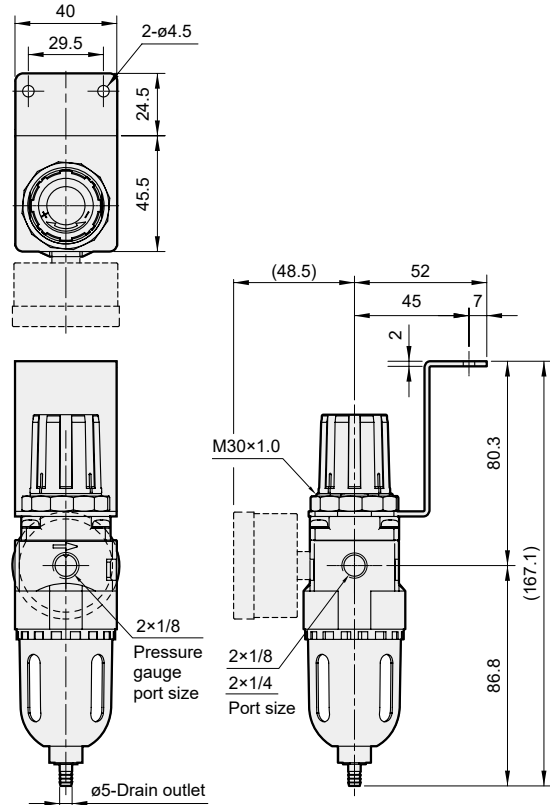
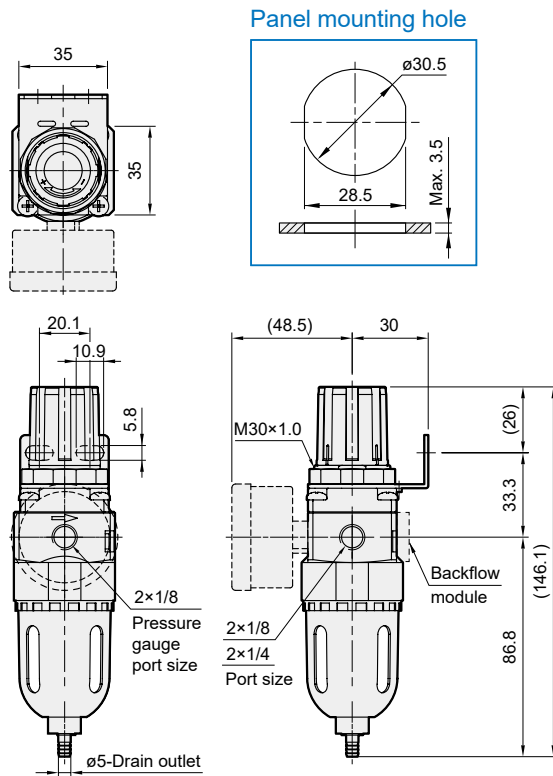
MAFR200 Dimensions

AIR UNIT (F.R.UNIT)



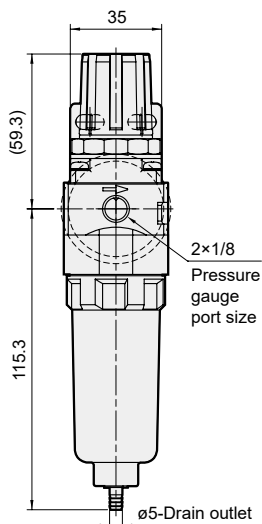
MAFR200-B3

Z type bracket



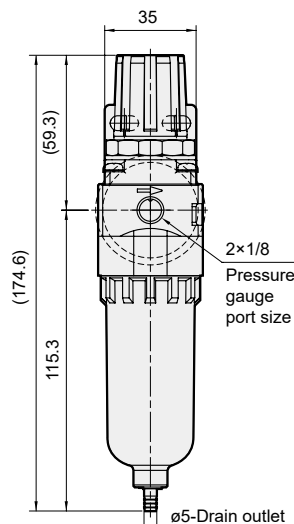
MAFR200L-M

Metal bowl + L type bracket



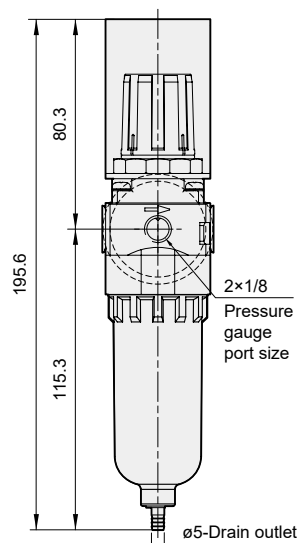
MAFR200L

L type bracket



MAFR200L-B3

Z type bracket



MAFR200L-D

PC bowl + Auto drain valve

