# MAFR501 series

**AIR UNIT** (F.R.UNIT)

mindman

Technical data

Filter element

User manual

Caution for safety
(Read before installing)





Option: **MP41**

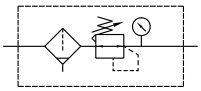
## Specification

| Model | MAFR501 | |
|---|---|---|
| Bore No. | 20A | 25A |
| Port size | 3/4 | 1 |
| Medium | Air | |
| Operating perssure range (*) | Nylon bowl, PC bowl: 0.05~1 MPa | |
| | Metal bowl: 0.05~1.5 MPa | |
| Proof pressure | Nylon bowl, PC bowl: 1.5 MPa | |
| | Metal bowl: 2 MPa | |
| Regulated pressure range | 0.1~0.85 MPa | |
| Ambient temperature | – 5~+60°C (No freezing) | |
| Filter element | 40μm | |
| Drain capacity | PC, Nylon bowl: 75 $cm^3$ | |
| | Metal bowl: 70 $cm^3$ | |
| Standard attachment | Pressure gauge(PG-20), L type bracket | |
| Weight | PC, Nylon bowl: 1940 g | |
| | Metal bowl: 2060 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.

## Symbol



## Order example

MAFR501 – 20A – MC□J□ – E1 – □

**MODEL**

**PORT SIZE**
**20A**: 3/4
**25A**: 1

**PRESSURE SWITCH**
Blank: without
**E1**: MP41P-022
**E2**: MP41P-022-QD**
**E5**: MP41P-042
**E6**: MP41P-042-QD**

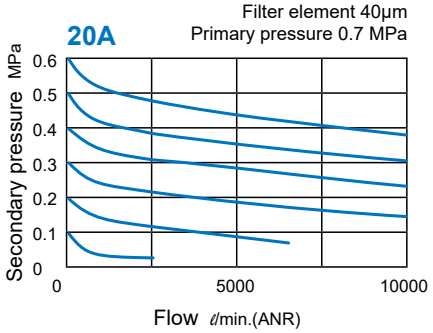
** MOQ required. Please contact us.

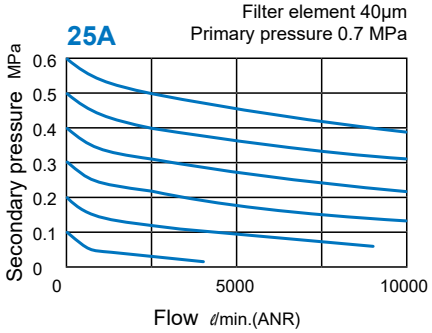
**PORT THREAD**
Blank: Rc thread
**G**: G thread
**NPT**: NPT thread

| Bowl | Pressure gauge | Drain valve | Panel nuts | Flow direction |
|---|---|---|---|---|
| Blank: PC bowl<br>**M**: Metal bowl<br>**N**: Nylon bowl | Blank: Pressure gauge (PG-20)<br>**C**: External pressure gauge (PG-40) + Gauge adapter set (A-MAR302)<br>**A**: Gauge adapter set (A-MAR302) | Blank: Semi-auto<br>**D**: Auto (FMRF300) | Blank: without<br>**J**: Panel nuts | Blank: Left to right<br>**R**: Right to left |

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

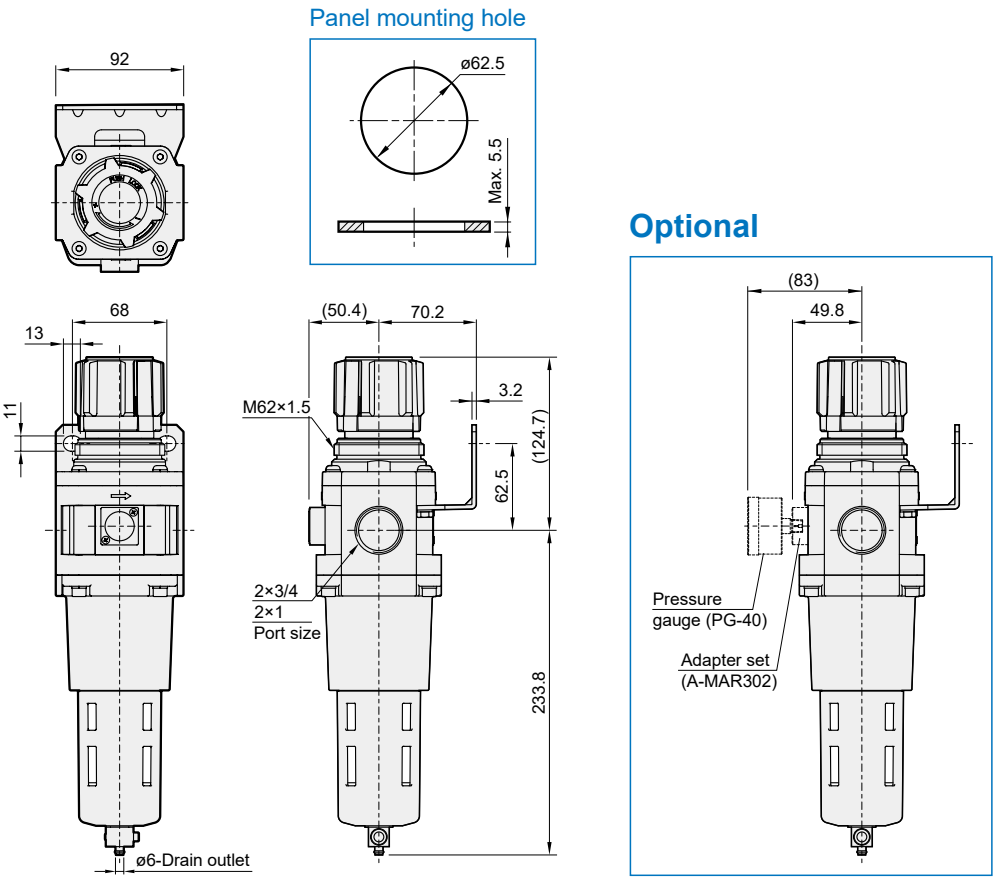
## Flow feature



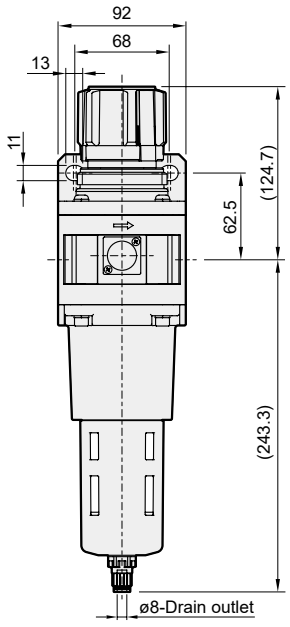
# MAFR501 Dimensions

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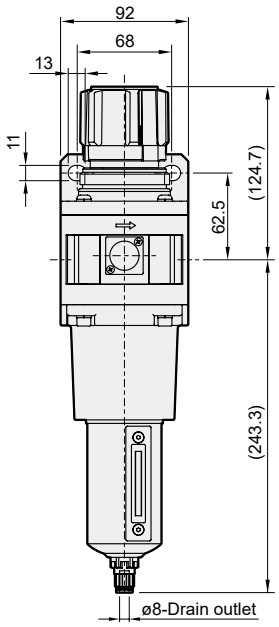

## MAFR501-D

Auto drain valve




## MAFR501-MD

Metal bowl + auto drain valve




## MAFR501-M

Metal bowl

