**Air Filter (AF)**

**SAF2000M~6000M Series**

**How to order**

**SAF 3000M-03 BD- Me**

1. Air Filter
2. Body Size
   - 20 - 1/4
   - 30 - 3/8
   - 40 - 1/2
   - 60 - 1
3. Port Size
   - 02 - Rc(PT) 1/4”
   - 03 - Rc(PT) 3/8”
   - 04 - Rc(PT) 1/2”
   - 06 - Rc(PT) 3/4”
   - 10 - Rc(PT) 1”
4. Accessory (Optional)
   - Nil
   - B - Bracket
   - D - Auto Drain
5. Option
   - Nil
   - Me - Metal Bowl

**Symbol**

SAF

**Specification**

- Max. supply pressure: 1.5MPa [15.3 kgf/cm²]
- Max. operating pressure: 1.0MPa [10.2 kgf/cm²]
- Min. operating pressure: 0.05MPa [0.5 kgf/cm²]
- Ambient and media temperature: 5 ~ 60°C
- Filtration: Standard:10μm, Option:2, 5, 20, 40
- Bowl material: Poly-carbonate • Metal

**Precautions**

1. Poly-carbonate bowls may be damaged and highly possible to fail if exposed to synthetic oils, thinner solvents, trichloroethylene, kerosene, chloroform, cyclohexane or other aromatic hydrocarbons and such environment exposed chemicals such as above.

2. When auto drain is used:
   - Drain piping should be both 4mm or greater in diameter and less than 1m in length.
   - Also should avoid setting drain piping upwards.

3. When auto drain is out of order, it is possible to drain manually by operating one-touch-lifting vertically.

4. With a drain cock attached, drain can be done when the head of liquid is shown at the glass indication tube.
SAF Series

FLOW CHARACTERISTICS

**SAF 2000M**

**SAF 3000M**

**SAF 4000M-04**

**SAF 4000M-06**

**SAF 6000M**

- Flow rate (Nm³/min)
- Pressure drop (kgf/cm²)

Graphs showing the relationship between flow rate and pressure drop for each model.
### SAF Series

**STRUCTURE / PARTS**

#### SAF 2000M

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<th>MATERIAL</th>
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<td>Element</td>
<td>Porous plastics</td>
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<td>4</td>
<td>Bowl</td>
<td>PC</td>
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#### SAF 3000M

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SAF Series

STRUCTURE / PARTS

SAF 4000M

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SAF 6000M

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SAF Series

DIMENSIONS (mm)

SAF 2000M

With differential pressure type auto drain

SAF 3000M

With float type auto drain
SAF Series

**DIMENSIONS (mm)**

**SAF 4000M-04**

With float type auto drain

**SAF 4000M-06**

With float type auto drain
SAF Series

DIMENSIONS (mm)

SAF 6000M

Bracket (option)

Port size
PT 3/4, 1

IN
OUT

288

274

With float type auto drain
SAF Series

DIMENSIONS (mm) — Metal Bowl

SAF 2000M-Me

With differential pressure type auto drain

SAF 3000M-Me

With float type auto drain

Port size
PT 1/4

Port size
PT 3/8

Bracket (option)
SAF Series

DIMENSIONS (mm) – Metal Bowl

SAF 4000M-04-Me

SAF 4000M-06-Me

With float type auto drain
DIMENSIONS (mm) – Metal Bowl

SAF 6000M–Me

With float type auto drain

Port size PT 3/4, 1

Bracket (option)

IN

OUT

270

90

70

35