

# Air Filter/AF20-A to AF40-06-A

## Made to Order

Please contact SMC for detailed dimensions, specifications and lead times.



### ① Long Bowl

Drain capacity is greater than that of standard models.

#### Applicable Model/Drain Capacity

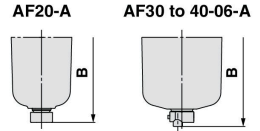
| Model                                  | AF20-A   | AF30-A   | AF40-A        | AF40-06-A |
|--|----------|----------|---------------|-----------|
| Port size                              | 1/8, 1/4 | 1/4, 3/8 | 1/4, 3/8, 1/2 | 3/4       |
| Drain capacity (cm <sup>3</sup> )      | 19       | 43       | 88            |           |
| B dimension (mm) <small>Note1)</small> | 108.6    | 137.1    | 167.2         | 169.2     |

Note) For polycarbonate bowls. Please contact SMC for other bowl materials.

AF **30** - **03** - **03** - **03** - **03** - **A** - **X64**

① ② ③ ④ ⑤

Long bowl



- Semi-standard: Select one each for a to d.
  - Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
- Example) AF30-03B-2R-A-X64

|   |                   | Symbol                      | Description  | ① Body size                  |                           |                           |                          |
|---|-------------------|-----------------------------|--|------------------------------|---------------------------|---------------------------|--------------------------|
|   |                   |                             |  | 20                           | 30                        | 40                        |                          |
| ② | Pipe thread type  | Nil                         | Rc   | ●                            | ●                         | ●                         |                          |
|   |                   | N <small>Note 1)</small>    | NPT  | ●                            | ●                         | ●                         |                          |
|   |                   | F <small>Note 2)</small>    | G  | ●                            | ●                         | ●                         |                          |
| + |                   |                             |  |                              |                           |                           |                          |
| ③ | Port size         | 01                          | 1/8  | ●                            | —                         | —                         |                          |
|   |                   | 02                          | 1/4  | ●                            | ●                         | ●                         |                          |
|   |                   | 03                          | 3/8  | —                            | ●                         | ●                         |                          |
|   |                   | 04                          | 1/2  | —                            | —                         | ●                         |                          |
|   |                   | 06                          | 3/4  | —                            | —                         | ●                         |                          |
| + |                   |                             |  |                              |                           |                           |                          |
| ④ | Option (Mounting) | Nil                         | Without mounting option  | ●                            | ●                         | ●                         |                          |
|   |                   | B <small>Note 3)</small>    | With bracket   | ●                            | ●                         | ●                         |                          |
| + |                   |                             |  |                              |                           |                           |                          |
| ⑤ | a                 | Bowl <small>Note 4)</small> | Nil  | Polycarbonate bowl           | ●                         | ●                         | ●                        |
|   |                   |                             | 2  | Metal bowl                   | ●                         | ●                         | ●                        |
|   |                   |                             | 6  | Nylon bowl                   | ●                         | —                         | —                        |
|   |                   |                             | C  | With bowl guard              | ●                         | — <small>Note 5)</small>  | — <small>Note 5)</small> |
|   |                   |                             | 6C   | With bowl guard (Nylon bowl) | ●                         | — <small>Note 6)</small>  | — <small>Note 6)</small> |
|   | +                 |                             |  |                              |                           |                           |                          |
|   | b                 | Drain port                  | Nil  | With drain cock              | ●                         | ●                         | ●                        |
|   |                   |                             | J <small>Note 7)</small>   | Drain guide 1/8              | ●                         | —                         | —                        |
|   |                   |                             | W <small>Note 8)</small>   | Drain guide 1/4              | —                         | ●                         | ●                        |
|   | +                 |                             |  |                              |                           |                           |                          |
| c | Flow direction    | Nil                         | Flow direction: Left to right                                    | ●                            | ●                         | ●                         |                          |
|   |                   | R                           | Flow direction: Right to left                                    | ●                            | ●                         | ●                         |                          |
| + |                   |                             |  |                              |                           |                           |                          |
| d | Pressure unit     | Nil                         | Name plate and caution plate for bowl in imperial units: MPa     | ●                            | ●                         | ●                         |                          |
|   |                   | Z <small>Note 9)</small>    | Name plate and caution plate for bowl in imperial units: psi, °F | ○ <small>Note 10)</small>    | ○ <small>Note 10)</small> | ○ <small>Note 10)</small> |                          |

Note 1) Drain guide is NPT1/8 (applicable to the AF20-A) and NPT1/4 (applicable to the AF30-A to AF40-06-A).

Note 2) Drain guide is G1/8 (applicable to the AF20-A) and G1/4 (applicable to the AF30-A to AF40-06-A).

Note 3) A bracket is not assembled and supplied loose at the time of shipment. Including 2 mounting screws.

Note 4) Refer to Chemical data on page 433 for chemical resistance of the bowl.

Note 5) A bowl guard is provided as standard equipment (polycarbonate).

Note 6) A bowl guard is provided as standard equipment (nylon).

Note 7) Without a valve function

Note 8) The combination of metal bowl: 2 is not available.

Note 9) For pipe thread type: NPT. This product is for overseas use only according to the new Measurement Law. (The SI unit type is provided for use in Japan.)

Note 10) ○: For pipe thread type: NPT only

AC-A  
AF-A  
AF□-A  
AR-A  
AL-A  
AW-A  
AC-B  
AF-A  
AF□-A  
AR-<sup>Ⓐ</sup>  
AL-A  
AW-<sup>Ⓐ</sup>  
AW□  
AF□G  
E□  
AV  
AF