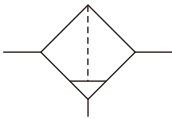




Symbol



Ordering code

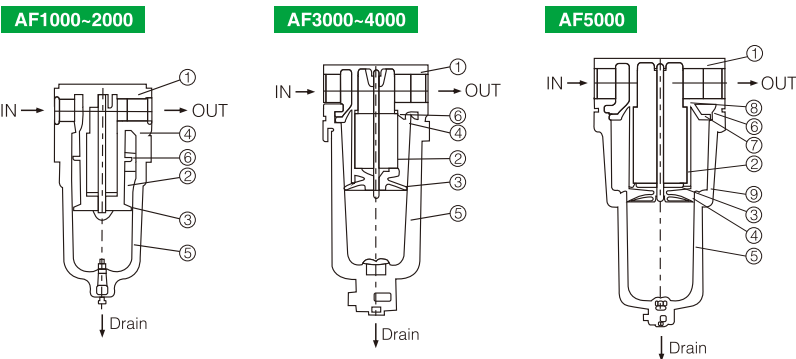
| AF                 | 2000             | 02        | D                  |
|--------------------|------------------|-----------|--------------------|
| Model              | Series code      | Port size | Drain method       |
| AF A Series filter | 1000 1000 Series | M5 M5     | Blank Manual drain |
|                    | 2000 2000 Series | 02 1/4"   | A Semi-auto drain  |
|                    | 3000 3000 Series | 03 3/8"   | D Automatic drain  |
|                    | 4000 4000 Series | 04 1/2"   |                    |
|                    | 5000 5000 Series | 06 3/4"   |                    |
|                    |                  | 10 1"     |                    |

Specification

| Model                | Manual drain    | AF1000-M5                              | AF2000-02  | AF3000-02  | AF3000-03  | AF4000-03  | AF4000-04  | AF4000-06  | AF5000-06  | AF5000-10  |
|----------------------|-----------------|----------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                      | Automatic drain | AF1000-M5D                             | AF2000-02D | AF3000-02D | AF3000-03D | AF4000-03D | AF4000-04D | AF4000-06D | AF5000-06D | AF5000-10D |
| Port size            |                 | M5x8                                   | 1/4"       | 1/4"       | 3/8"       | 3/8"       | 1/2"       | 3/4"       | 3/4"       | 1"         |
| Cup capacity         |                 | 4                                      | 15         | 20         | 20         | 45         | 45         | 45         | 130        | 130        |
| Rated flow (L/min)   |                 | 110                                    | 750        | 1500       | 1500       | 4000       | 4000       | 6000       | 7000       | 7000       |
| Proof pressure       |                 | 1.5MPa{15.3kgf/cm²}                    |            |            |            |            |            |            |            |            |
| Max. pressure        |                 | 1.0MPa{10.2kgf/cm²}                    |            |            |            |            |            |            |            |            |
| Temperature range    |                 | 5~60℃                                  |            |            |            |            |            |            |            |            |
| Filtering grade      |                 | 5µm or 40µm                            |            |            |            |            |            |            |            |            |
| Cup material         |                 | Polycarbonate                          |            |            |            |            |            |            |            |            |
| Cup protective cover |                 | AF1000~2000(Without) AF3000~5000(With) |            |            |            |            |            |            |            |            |
| Assembly             | Manual drain    | C100F                                  | C200F      | C300F      | C300F      | C400F      | C400F      | C400F      | C400F      | C400F      |
|                      | Automatic drain | AD61                                   | AD62       | AD43       | AD43       | AD44       | AD44       | AD44       | AD44       | AD44       |
| Weight(kg)           |                 | 0.07                                   | 0.19       | 0.29       | 0.29       | 0.55       | 0.55       | 0.58       | 1.08       | 1.08       |

Note: 1. there are 2, 10, 20, 40, 70, 100µm to choose from;  
2. Standard automatic drainage for normally open (N.O.), AF3000~5000 also has normally closed (N.C.) to choose from, and the lowest use pressure: normally open -0.1MPa (1kgf/cm²), normally closed -0.15MPa (1.5kgf/cm²);  
3. Supply pressure is 0.7MPa (7.1kgf/cm²) case.

Inner structure



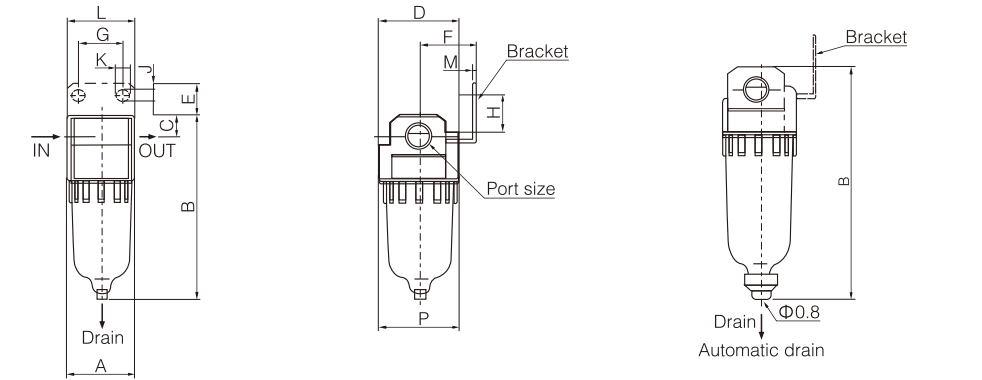
Main prtts

| No. | Parts name                           | Material                          |
|-----|--------------------------------------|-----------------------------------|
| 1   | Valve body                           | Aluminum die casting              |
| 2   | Filter element                       | Brass                             |
| 3   | Drain board                          | ABS                               |
| 4   | O-ring                               | Rubber                            |
| 5   | Water storage cup (Protective cover) | Polycarbonate (Cold rolled sheet) |
| 6   | Whirlwind blade                      | ABS                               |
| 7   | O-ring                               | Rubber                            |
| 8   | Sealing washer                       | Rubber                            |
| 9   | Middle part                          | Aluminum die casting              |

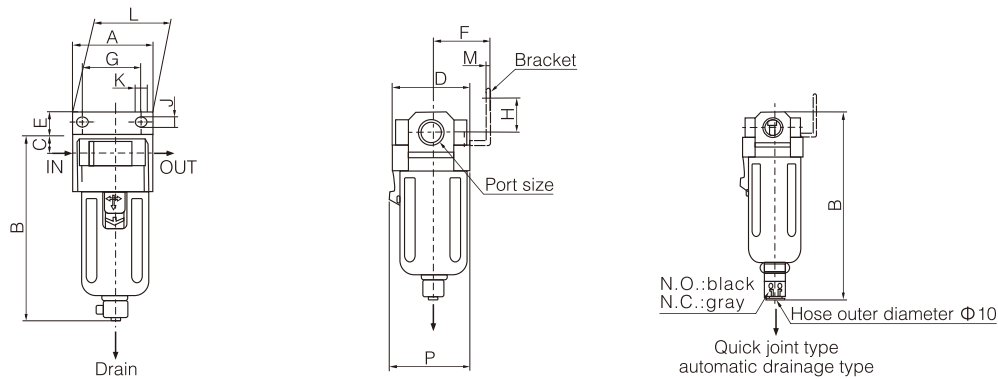
|         |
|---------|
| FRL     |
| AC/BC   |
| AFC/BFC |
| AFR/BFR |
| AF/BF   |
| AR/BR   |
| AL/BL   |
| SR      |
| SDR     |
| AC      |
| AW      |
| AF      |
| AR      |
| AL      |
| F3      |
| F2      |
| F1      |
| F       |
| R       |
| L       |
| USFRL   |
| USFR/L  |
| USFR    |
| USF     |
| USR     |
| USL     |
| QSL     |
| QTY     |
| QIU     |
| QTYH    |
| QSLH    |
| QFRH    |
| AFF     |
| AF(Big) |
| AL(Big) |
| AR(Big) |
| AD402   |
| AH402   |
| AD-5    |
| IR      |
| ITV     |
| ACR     |
| F804    |
| PG      |

Dimensions

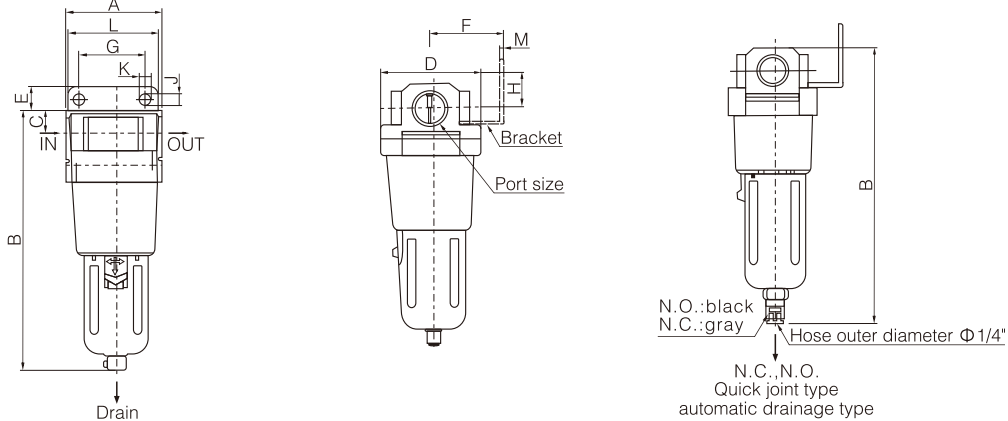
AF1000-2000



AF3000-4000



AF5000



| Model     | Port size | A  | B     | C  | D  | E  | F  | G  | H  | J   | K    | L  | M   | P    | B(Automatic drain) |
|-----------|-----------|----|-------|----|----|----|----|----|----|-----|------|----|-----|------|--------------------|
| AF1000    | M5×0.8    | 25 | 66    | 7  | 25 | -  | -  | -  | -  | -   | -    | -  | -   | 26.5 | 86.5               |
| AF2000    | 1/4"      | 40 | 97.5  | 11 | 40 | 17 | 30 | 27 | 22 | 5.4 | 8.4  | 40 | 2.3 | 40   | 120.5              |
| AF3000    | 1/4":3/8" | 53 | 132.5 | 14 | 53 | 16 | 41 | 40 | 23 | 6.5 | 8    | 53 | 2.3 | 56   | 170                |
| AF4000    | 3/8":1/2" | 70 | 168.5 | 18 | 70 | 17 | 50 | 54 | 26 | 8.5 | 10.5 | 70 | 2.3 | 73   | 206                |
| AF4000-06 | 3/4"      | 75 | 172.5 | 20 | 70 | 14 | 50 | 54 | 25 | 8.5 | 10.5 | 70 | 2.3 | 73   | 210                |
| AF5000    | 3/4":1"   | 90 | 247.5 | 24 | 90 | 23 | 70 | 66 | 35 | 11  | 13   | 90 | 3.2 | 90   | 285.5              |