

# Preparation unit—Filter



## AF、BF Series



AF  
BF



### Symbol



### Product feature

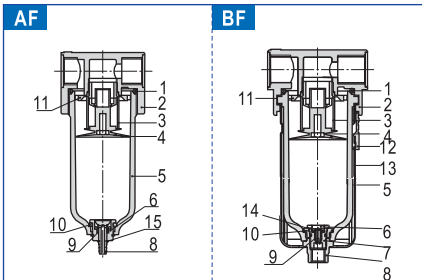
#### AF series

1. The structure is delicate and compact.
2. The pressure loss is low and the efficiency of water separating is high;
3. The filter precision includes 5 μm and 40 μm (optional);

#### BF series

1. The pressure loss is low and the efficiency of water separating is high.
2. The bowl has high-strength plastic shields outside, which is more safe and reliable to use.
3. The filter precision includes 5 μm and 40 μm (optional).

### Inner structure and material of major parts



No.	Item	Material
1	Drain bowl O-ring	NBR
2	Body	Aluminum alloy
3	Filter element	5 μm Makrolon fiber 40 μm Agglomerated by bronze grain
4	Umbrella baffle	POM
5	Drain bowl	PC
6	Drain kit	POM
7	Drain seat	POM
8	Drain pillar	POM
9	Return spring	Stainless steel
10	Gasket	POM
11	Air guider	POM
12	Bowl guard switch	POM
13	Bowl guard	PA6
14	Drain seat O-ring	NBR
15	Clip	Spring steel

### Selection of drain mode

The drain modes of different series are different. Please refer to P151 for details.

### Specification

Model	AF1500	AF2000	BF2000	BF3000	BF4000
Fluid	Air				
Port size	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40 μm or 5 μm				
Pressure range	Semi-auto and automatic drain: 0.15~0.9MPa(20~130Psi)		Manual drain: 0.05~0.9MPa(7~130Psi)		
Proof pressure	1.5MPa(215Psi)				
Temperature range	-20~70°C				
Capacity of drain bowl	15CC		60CC		
Weight	140g		330g		

### Ordering code

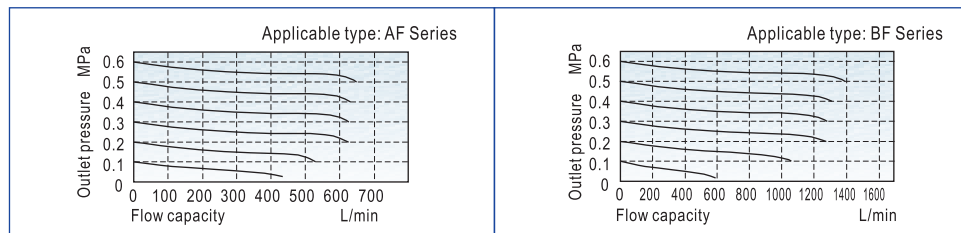
**AF 2000 M W** □

- Model**
  - AF: A Series Filter
  - BF: B Series Filter
- Thread type**
  - Blank: PT
  - T: NPT
  - G: G
- Port size**

Series	Port size
AF	1500: 1/8"
	2000: 1/4"
BF	2000: 1/4"
	3000: 3/8"
	4000: 1/2"
- Filtering grade**
  - Blank: 40 μm
  - W: 5 μm
- Drain type**

Series	Drain type
AF	Blank: Semi-auto drain
	M: Manual drain
BF	Blank: Semi-auto drain
	M: Manual drain
	A: Automatic drain

### Flow chart



### Dimensions

