

# Preparation unit—A, B Series

## AF、BF Series Filter



### 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 $\mu$ m and 40 $\mu$ m(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 $\mu$ m and 40 $\mu$ m (optional).

### Specification

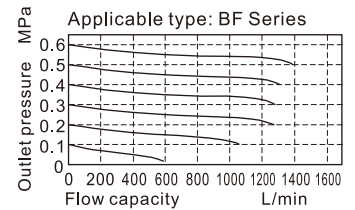
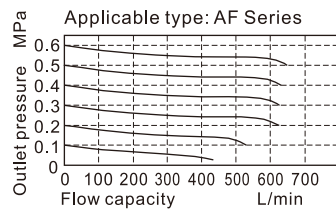
Model	AF1500	AF2000	BF2000	BF3000	BF4000
Fluid			Air		
Port size [Note1]	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40 $\mu$ m or 5 $\mu$ m				
Pressure range	Semi-auto and automatic drain: 0.15~1.0MPa(20~145Psi) Manual drain: 0~1.0MPa(0~145Psi)				
Proof pressure	1.5MPa(215Psi)				
Temperature range	-5~70°C(unfreeze)				
Capacity of drain bowl	15CC		60CC		
Weight	140g		330g		

[Note1] PT thread, G thread and NPT thread are available.

### Ordering code

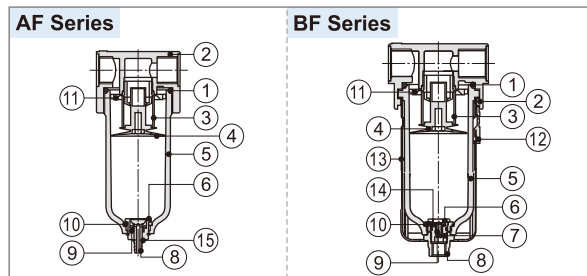
AF 2000 M W □				
① Model	② Port size	③ Drain type [Note]	④ Filtering grade	⑤ Thread type
AF:A Series Filter	1500: 1/8" 2000: 1/4"	Blank: Semi-auto drain M: Manual drain	Blank: 40 $\mu$ m W: 5 $\mu$ m	Blank: PT G: G T: NPT
BF:B Series Filter	2000: 1/4" 3000: 3/8" 4000: 1/2"	Blank: Semi-auto drain M: Manual drain A: Automatic drain		

### Flow chart



[Note1] The drain modes of different series are different. Please refer to P250 for details.

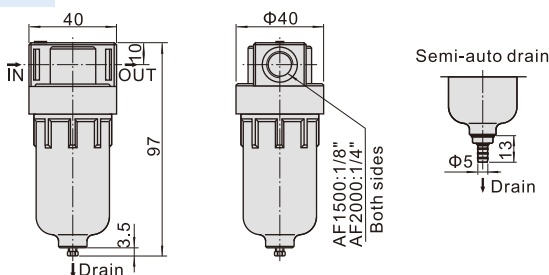
### Inner structure



No.	Item	Material	No.	Item	Material
1	Drain bowl O-ring	NBR	8	Drain pillar	POM
2	Body	Aluminum alloy	9	Return spring	Stainless steel
3	Filter element	5 $\mu$ m	10	Gasket	POM
		40 $\mu$ m	11	Air guider	POM
4	Umbrella baffle	POM	12	Bowl guard switch	POM
5	Drain bowl	PC	13	Bowl guard	Pa66
6	Drain kit	Steel/POM	14	Drain seat O-ring	NBR
7	Drain seat	Steel/POM	15	Clip	Spring steel

### Dimensions

#### AF Series



#### BF Series

