

Preparation unit——Filter

AF、BF Series



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 $5\mu\text{m}$ and $40\mu\text{m}$ (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 $5\mu\text{m}$ and $40\mu\text{m}$ (optional).

Inner structure and material of major parts

AF			BF		
11	1	2	11	1	2
10	3	4	10	3	4
9	5	6	9	5	6
8	7	8	8	7	8
7	9	10	7	9	10
6	11	12	6	11	12
5	13	14	5	13	14
4	15	16	4	15	16
3	17	18	3	17	18
2	19	20	2	19	20
1	21	22	1	21	22

No.	Item	Material
1	Drain bowl O-ring	NBR
2	Body	Aluminum alloy
3	Filter element	$5\mu\text{m}$ Makrolon fiber $40\mu\text{m}$ 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 P153 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	-5~70°C				
Capacity of drain bowl	15CC		60CC		
Weight	140g		330g		

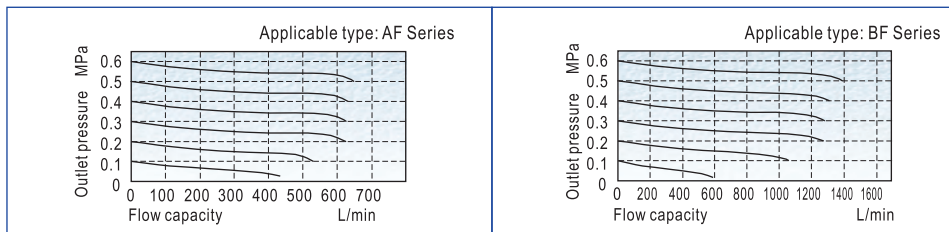
① PT thread, G thread and NPT thread are available.

Ordering code

AF 2000 M W

Model	Thread type	Filtering grade	Drain type
AF: A Series Filter BF: B Series Filter	Blank: PT G: G T: NPT	Blank: 40 μm W: 5 μm	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

