

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);

Specification

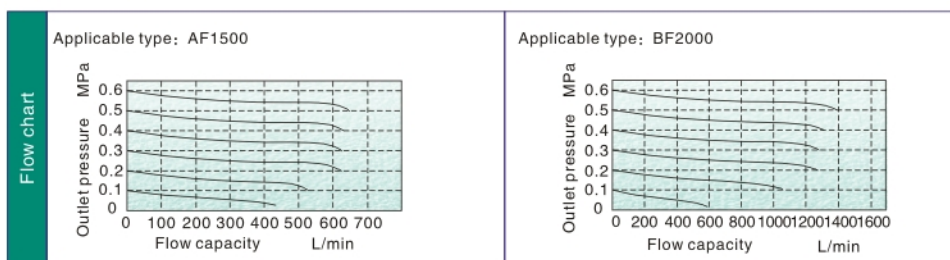
Model	AF1500	AF2000	BF2000	BF3000	BF4000
Fluid	Air				
Port size	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40 μm				
Pressure range	Semi-auto and automatic drain: 0.15~0.9MPa(20~130Psi); Manual drain :0.05~0.9MPa(7~130Psi)				
Proof pressure	1.5 MPa(215Psi)				
Temperature range	-20~70℃				
Capacity of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

Ordering code

AF	2000	M	W	P
Model	Port size	Drain type	Filtering grade	Thread
AF: A Series Filte	1500: 1/8"	Blank: Semi-auto drain	Blank: 40 μm	P: PT
BF: B Series Filter	2000: 1/4"	M: Standard manual drain	W: 5 μm	T: NPT
	3000: 3/8"	A: Automatic drain ①		G: G
	4000: 1/2"			

① The function of automatic drain is not available for A series;

Flow chart

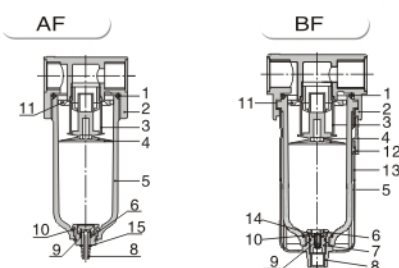


Selection of drain mode

The drain modes of different series are different. Please refer to P II-23 for details.

Dimensions

Inner structure and material of major parts



No.	Item	Material
1	Drain bowl O-ring	NBR
2	Body	Aluminum alloy
3	Filter element	Makrolon fiber:5um Agglomerated by bronze grain:40um
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

