AITTAE

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;
- The filter precision includes 5μm and 40μm(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).

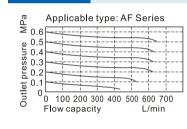
Model	AF1500	AF2000	BF2000	BF3000	BF4000			
Fluid	Air							
Port size [Note1]	1/8"	1/4"	1/4"	3/8"	1/2"			
Filtering grade	40μm or 5μm							
Pressure range	Semi-auto and automatic drain:0.15~1.0MPa(20~145Psi) Manual drain:0~1.0MPa(0~145Psi)							
Proof pressure	1.5MPa(215Psi)							
Temperature range	-5~70°C(unfreeze)							
Capacity of drain bowl	150	CC	60CC					
Weight	14	0g	330g					

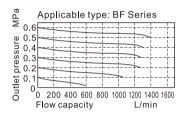
[Note1] PT thread, G thread and NPT thread are available.

Ordering code

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

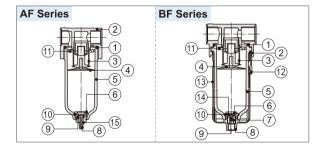
Flow chart





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

Inner structure



o. 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	5µm	HDPE	10	Gasket	POM
element	40µm	HDPE	11	Air guider	POM
4 Umbrella baffle		POM	12	Bowl guard switch	POM
5 Drain bowl		PC	13	Bowl guard	Pa66
Drain kit		Steel/POM	14	Drain seat O-ring	NBR
7 Drain seat		Steel/POM	15	Clip	Spring steel
	Drain bo Bo Filter element Umbrel Drair Dra	Drain bowl O-ring Body Filter 5µm element 40µm Umbrella baffle Drain bowl Drain kit	Drain bowl O-ring NBR Body Aluminum alloy Filter element 5µm HDPE 40µm HDPE Umbrella baffle POM Drain bowl PC Drain kit Steel/POM	Drain bowl O-ring NBR 8 Body Aluminum alloy 9 Filter element 5µm HDPE 10 40µm HDPE 11 Umbrella baffle POM 12 Drain bowl PC 13 Drain kit Steel/POM 14	Drain bowl O-ring NBR 8 Drain pillar Body Aluminum alloy 9 Return spring Filter element 5μm HDPE 10 Gasket HOPE 11 Air guider Umbrella baffle POM 12 Bowl guard switch Drain bowl PC 13 Bowl guard Drain kit Steel/POM 14 Drain seat O-ring

Dimensions

