

Preparation unit——Filter

AIRTAC

AF、BF Series

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℃				
Capacity of drain bowl	15CC		60CC		
Weight	140g		330g		

Ordering code

AF 2000 M W P

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

Symbol



Product feature

AF series

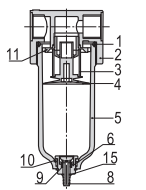
1. The structure is delicate and compact.
2. The pressure loss is low and the efficiency of water separating is high;
3. The filter precision includes 5 μm and 40 μm (optional);

BF series

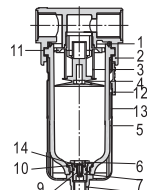
1. The pressure loss is low and the efficiency of water separating is high.
2. The bowl has high-strength plastic shields outside, which is more safe and reliable to use.
3. The filter precision includes 5 μm and 40 μm (optional).

Inner structure and material of major parts

AF



BF

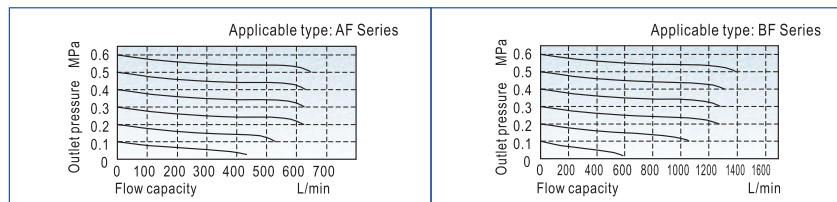


No.	Item	Material
1	Drain bowl O-ring	NBR
2	Body	Aluminum alloy
3	Filter element	5 μm Makrolon fiber 40 μm Agglomerated by bronze grain
4	Umbrella baffle	POM
5	Drain bowl	PC
6	Drain kit	POM
7	Drain seat	POM
8	Drain pillar	POM
9	Return spring	Stainless steel
10	Gasket	POM
11	Air guider	POM
12	Bowl guard 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 P155 for details.

Flow chart



Dimensions

