

Preparation unit——Filter & regulator

AIRTAC

AFR、BFR Series

■ Specification

Model	AFR1500	AFR2000	BFR2000	BFR3000	BFR4000
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)				
Max. pressure	1.0MPa(145Psi)				
Proof pressure	1.5MPa(215Psi)				
Temperature range	-20~70°C				
Capacity of drain bowl	15CC		60CC		
Weight	260g		400g		

■ Ordering code

AFR 2000 M W □ P

Model
AFR: A Series Filter & regulator
BFR: B Series Filter & regulator

Port size
Series Port size
AFR 1500: 1/8"
2000: 1/4"
BFR 2000: 1/4"
3000: 3/8"
4000: 1/2"

Drain type
Series Drain type
AFR Blank: Semi-auto drain
M: Manual drain
BFR Blank: Semi-auto drain
M: Manual drain
A: Automatic drain

Thread type
P: PT
T: NPT
G: G

Scale
Blank: MPa
P: psi
B: bar
Z: Double scale(psi, kgf/cm²)

Filtering grade
Blank: 40 μm
W: 5 μm

■ Symbol

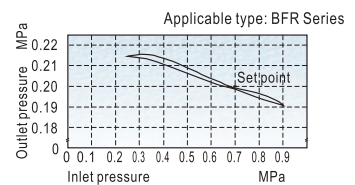
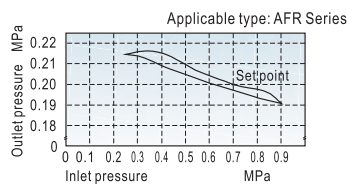


■ Product feature

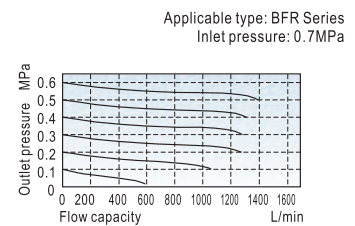
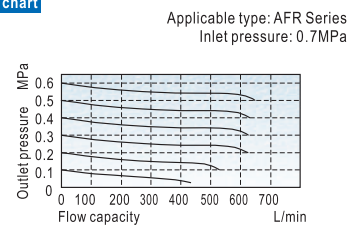
1. The structure is delicate and compact, which is convenient for installation and application.
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. The pressure loss is low and the efficiency of water separating is high;
4. In addition to standard type, lower pressure type is optional(The highest adjustable pressure is 0.4MPa).

■ Pressure and feature of flow

Pressure chart



Flow chart

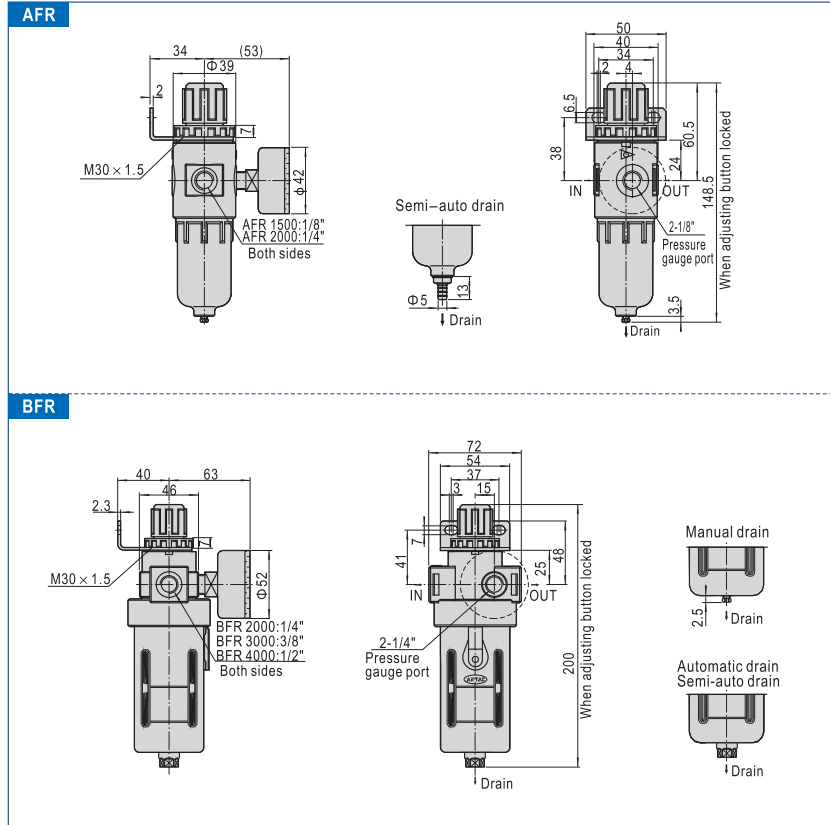
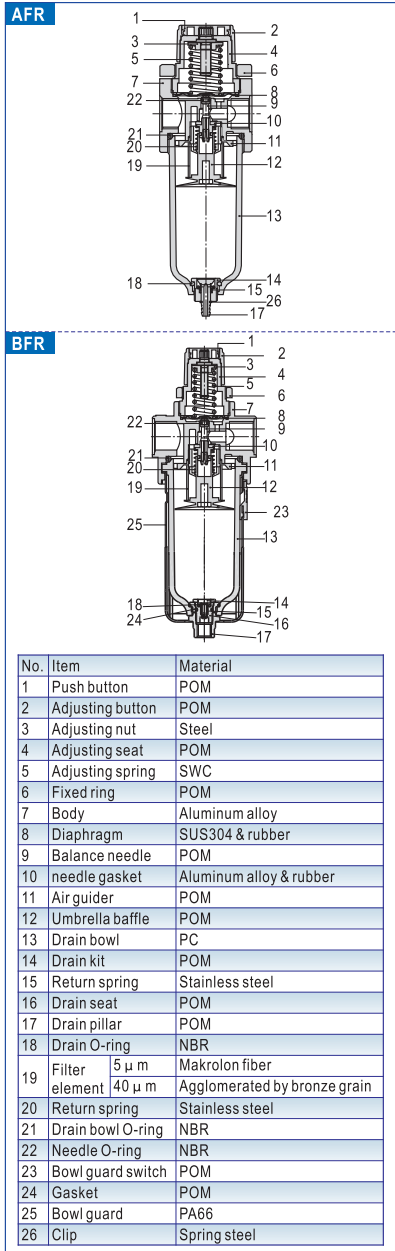


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■ Inner structure and Material of major parts ■ Dimensions



■ Selection of drain mode

The drain modes of different series are different.
Please refer to P 155 for details.