

## AFC, BFC Series



AFC  
BFC

### Specification

Model	AFC1500	AFC2000	BFC2000	BFC3000	BFC4000
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	-5~70°C				
Capacity of drain bowl	15CC		60CC		
Capacity of oil bowl	25CC		90CC		
Recommended lubricant	ISO VG 32 or equivalent				
Weight	500g		700g		
Constitute	Filter-Regulator	AFR1500	AFR2000	BFR2000	BFR3000
	Lubricator	AL1500	AL2000	BL2000	BL3000

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

### Ordering code

AFC 2000 M   1 W

#### Model

AFC: A Series FR.L unit  
BFC: B Series FR.L unit

#### Port size

Series	Port size
AFC	1500: 1/8"
	2000: 1/4"
BFC	2000: 1/4"
	3000: 3/8"
	4000: 1/2"

#### Drain type

Series	Drain type
AFC	Blank: Semi-auto drain
	M: Manual drain
BFC	Blank: Semi-auto drain
	M: Manual drain
	A: Automatic drain

#### Type code

Blank: Standard(0.9MPa)  
L: Lower pressure(0.4MPa)

#### Thread type

Thread type	Scale
Blank:PT	MPa or kgf/cm <sup>2</sup> & psi
T:NPT	psi
G:G	bar

#### Filtering grade

Blank: 40 μm  
W: 5 μm

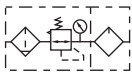
#### Scale

1: MPa  
2: psi  
3: bar  
4: Double scale(psi, kgf/cm<sup>2</sup>)

#### Pressure gauge

Blank: Pressure gauge  
N: No pressure gauge

### Symbol

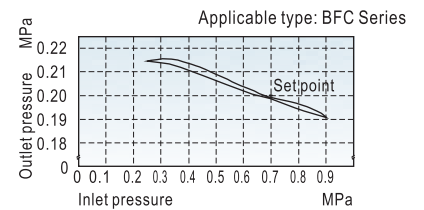
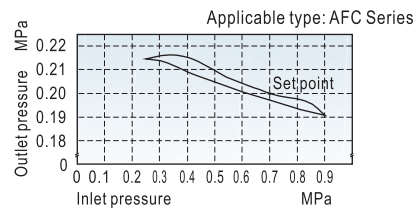


### Product feature

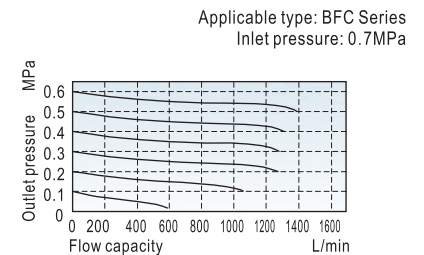
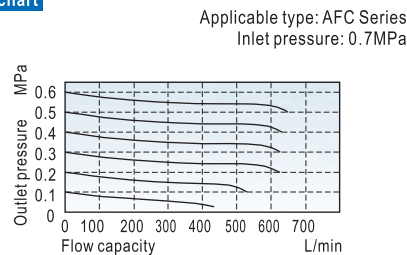
1. The structure is delicate and compact, which is convenient for installation and application.
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. The pressure loss is low and the efficiency of water separating is high.
4. The quantity of oil dripping can be directly observed through transparent check dome.
5. 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

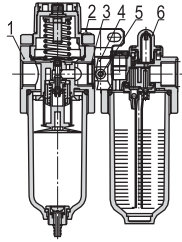


# Preparation unit—FR.L. combination

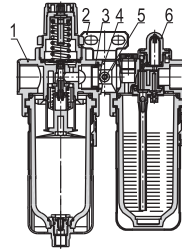
## AFC、BFC Series

### Inner structure

#### AFC



#### BFC



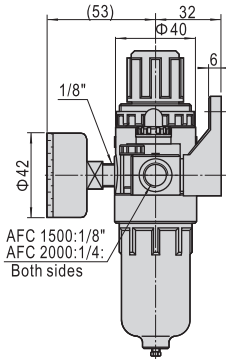
No.	Item
1	AFR, BFR Series filter & regulator
2	A, B Series bracket
3	A, B Series gasket
4	A, B Series fixed kit
5	Screw
6	AL, BL Series lubricator

### Selection of drain mode

The drain modes of different series are different. Please refer to P 151 for details.

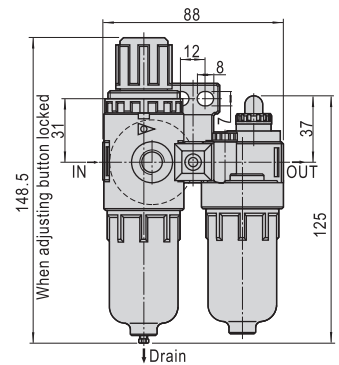
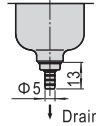
### Dimensions

#### AFC

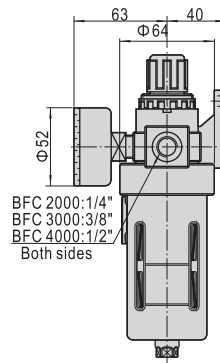


AFC 1500:1/8"  
AFC 2000:1/4"  
Both sides

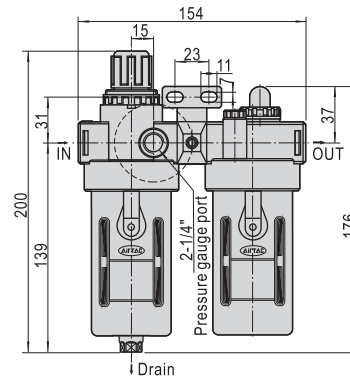
#### Semi-auto drain



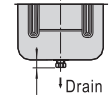
#### BFC



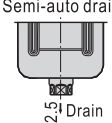
BFC 2000:1/4"  
BFC 3000:3/8"  
BFC 4000:1/2"  
Both sides



#### Manual drain



#### Automatic drain



AFC  
BFC