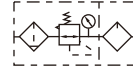


Symbol



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 interference.
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).

Ordering code

AFC	2000	M	1	W
Model		Type code	Scale	Filtering grade
AFC A Series FR.L unit		Blank Standard(0.9MPa)	1 MPa	Blank 40µm
BFC B Series FR.L unit		L Lower pressure(0.4MPa)	2 psi	W 5µm
Port size		Pressure gauge	3 bar	Thread type
Series Port size		Blank Pressure gauge	4 Double scale (psi, kgf/cm ²)	Thread type Scale
AFC 1500: 1/8"		N No pressure gauge		Blank PT MPa or kgf/cm ² & psi
2000: 1/4"		Drain type		G G bar
2000: 1/4"		Series Drain type		T NPT psi
BFC 3000: 3/8"		AFC Blank: Semi-auto drain		
4000: 1/2"		M: Manual drain		
		Blank: Semi-auto drain		
		BFC M: Manual drain		
		A: Automatic drain		

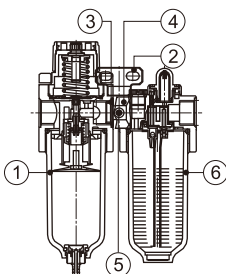
Specification

Model	AFC1500	AFC2000	BFC2000	BFC3000	BFC4000
Fluid	Air				
Port size	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40µm or 5µm				
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	AFR 1500	AFR 2000	BFR 2000	BFR 3000
	Lubricator	AL 1500	AL2000	BL 2000	BL 3000

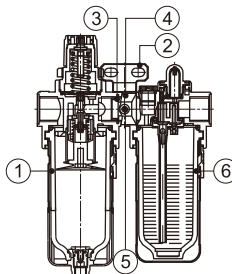
Note: PT thread, G thread and NPT thread are available.

Inner structure

AFC

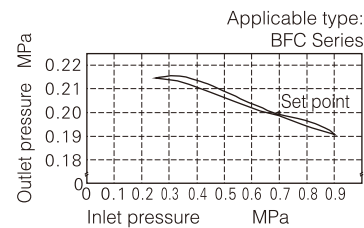
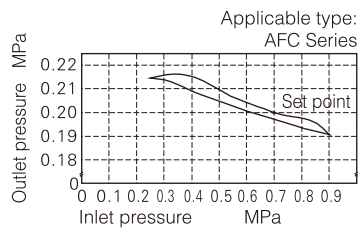


BFC

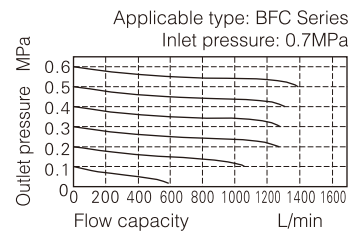
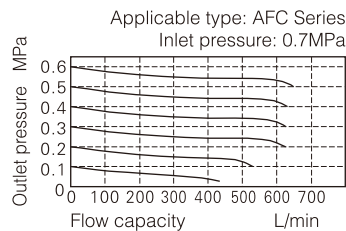


No.	Item
1	AFF, BFF series filter & regulator
2	A, B Series bracket
3	A, B Series gasket
4	A, B series fixed kit
5	Screw
6	AL, BL Series lubricator

Pressure chart



Flow chart

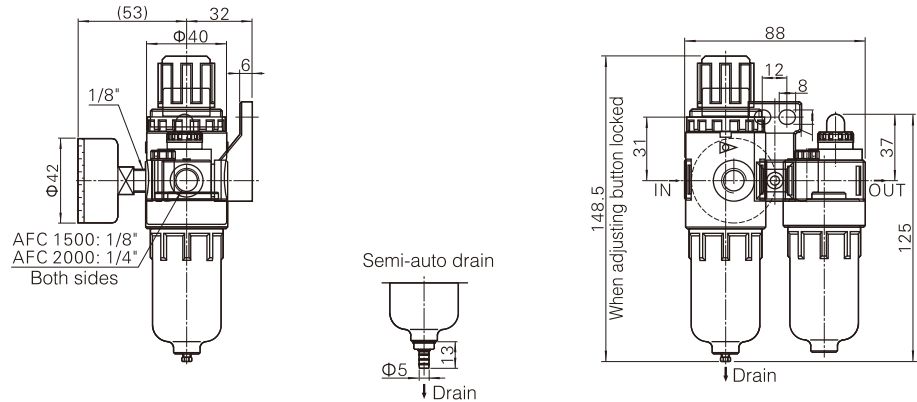


Selection of drain mode

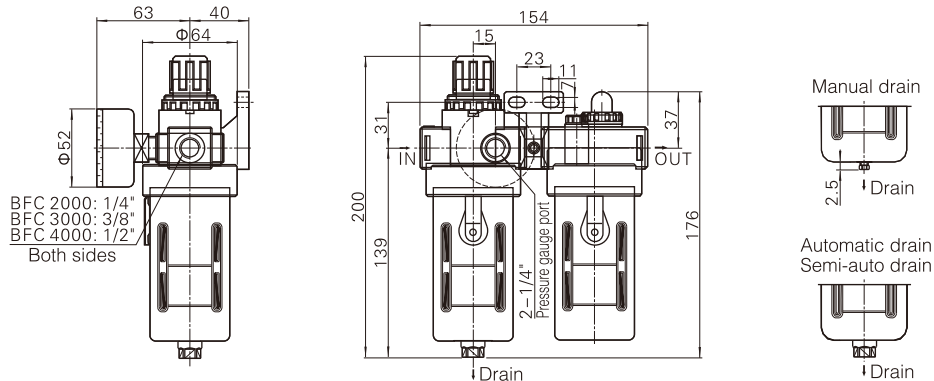
The drain modes of different series are different.
Please refer to AC/BC for details.

Dimensions

AFC



BFC



FRL
AC/BC
AFC/BFC
AFR/BFR
AF/BF
AR/BR
AL/BL
SR
SDR
AC
AW
AF
AR
AL
F3
F2
F1
F
R
L
USFRL
USFR/L
USFR
USF
USR
USL
QSL
QTY
QIU
QTYH
QSLH
QFRH
AFF
AF(Big)
AL(Big)
AR(Big)
AD402
AH402
AD-5
IR
ITV
ACR
F804
PG