

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

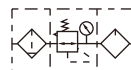
ITV

ACR

F804

PG

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

AC		2000	M		1		W	
Model		Type code		Scale		Filtering grade		
AC	A Series F.R.L unit	Blank	Standard(0.9MPa)	1	MPa	Blank	40µm	
BC	B Series F.R.L unit	L	Lower pressure(0.4MPa)	2	psi	W	5µm	
Port size		Pressure gauge		3		Thread type		
Series	Port size	Blank	Pressure gauge	4		Thread type		Scale
AC	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
BC	3000: 3/8"	Blank	Semi-auto drain					
	4000: 1/2"	AC	M: Manual drain					
			Blank: Semi-auto drain					
		BC	M: Manual drain					
			A: Automatic drain					

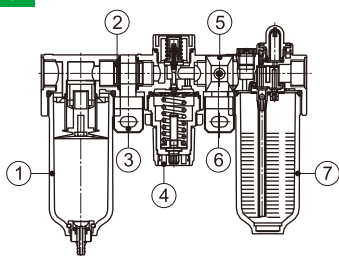
Specification

Model		AC1500	AC2000	BC2000	BC3000	BC4000
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℃				
Capacity of drain bowl		15CC		60CC		
Capacity of oil bowl		25CC		90CC		
Recommended		ISO VG 32 or equivalent				
Weight		700g			900g	
Constitute	Filter	AF1500	AF2000	BF2000	BF3000	BF4000
	Regulator	AR1500	AR2000	BR2000	BR3000	BR4000
	Lubricator	AL1500	AL2000	BL2000	BL3000	BL4000

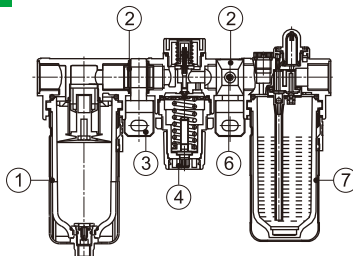
Note: PT thread, G thread and NPT thread are available.

Inner structure

AC

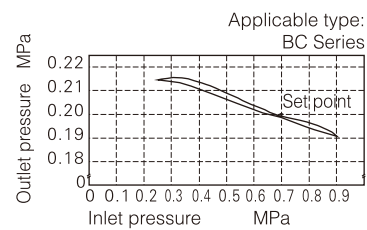
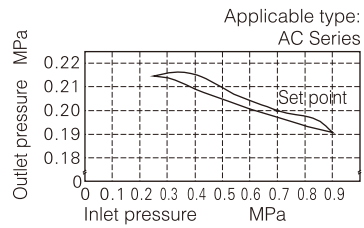


BC

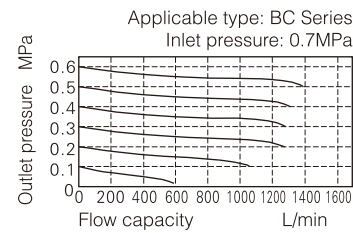
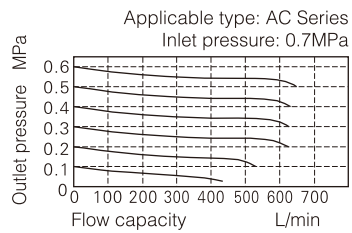


No.	Item
1	AF, BF series filter
2	A, B Series gasket
3	A, B Series bracket
4	AR, BR Series regulator
5	A, B Series fix kit
6	Screw
7	AL, BL Series lubricator

Pressure chart



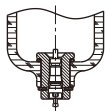
Flow chart



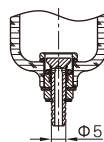
Selection of drain mode

AC

Manual drain



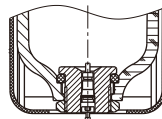
Semi-auto drain



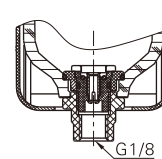
This semi-auto drain can also achieve the function of manual drain
PU tube with an inner diameter of Φ4mm is recommended

BC

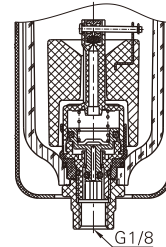
Manual drain



Semi-auto drain

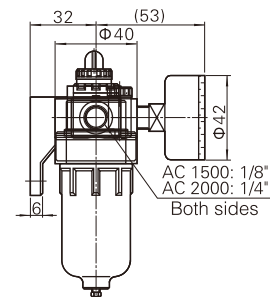
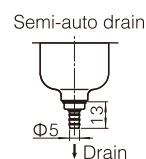
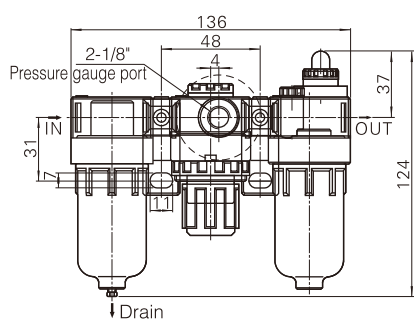


Automatic drain

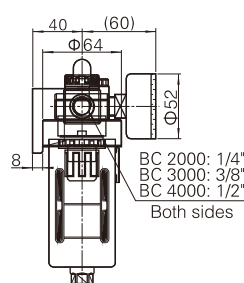
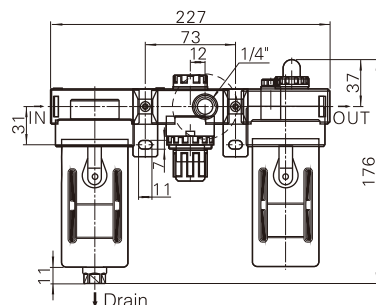


Dimensions

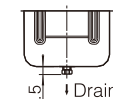
AC



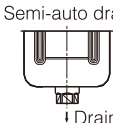
BC



Standard manual drain



Automatic drain
Semi-auto drain



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