

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



Ordering code

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

Symbol



Product feature

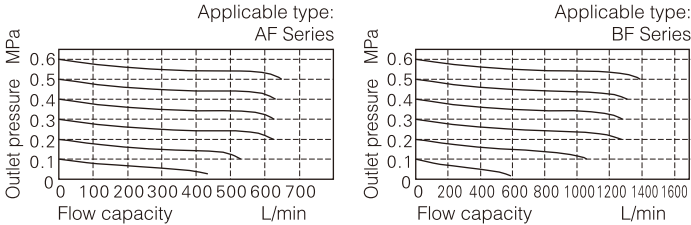
AF series

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

Flow chart



Selection of drain mode

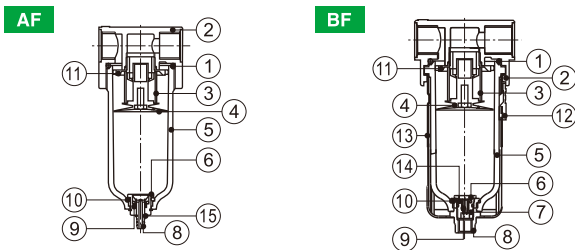
The drain modes of different series are different; Please refer to AC/BC for details.

Specification

Model	AF1500	AF2000	BF2000	BF3000	BF4000
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: 0.15~1.0MPa(20~130psi); Manual drain: 0~1.0MPa(7~130psi)				
Proof pressure	1.5MPa(215psi)				
Temperature range	-5~70℃				
Capacity of drain bowl	15CC		60CC		
Weight	140g		330g		

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

Inner structure and material of major prats



No.	Item	Material	No.	Item	Material
1	Drain bowl O-ring	NBR	8	Drain pillar	POM
2	Body	Aluminum alloy	9	Return spring	Stainless steel
3	Filter element	40µm Makrolon fiber	10	Gasket	POM
		5µm Agglomerated by bronze grain	11	Air guider	POM
4	Umbrella baffle	POM	12	Bowl guard switch	POM
5	Drain bowl	PC	13	Bowl guard	PA6
6	Drain kit	POM	14	Drain seat O-ring	NBR
7	Drain seat	POM	15	Clip	Spring steel

Dimensions

