

Preparation unit——F.R.L. combination

AIRTAC

AC、BC Series

Specification

Model		AC1500	AC2000	BC2000	BC3000	BC4000
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℃				
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

Ordering code

AC 2000 M W □ P

Model

AC: A Series F.R.L unit
BC: B Series F.R.L unit

Port size

Series	Port size
AC	1500: 1/8"
	2000: 1/4"
BC	2000: 1/4"
	3000: 3/8"
	4000: 1/2"

Drain type

Series	Drain type
AC	Blank: Semi-auto drain
	M: Manual drain
BC	Blank: Semi-auto drain
	M: Manual drain
	A: Automatic drain

Thread type

P: PT
T: NPT
G: G

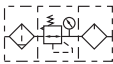
Scale

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

Filtering grade

Blank: 40 μm
W: 5 μm

Symbol

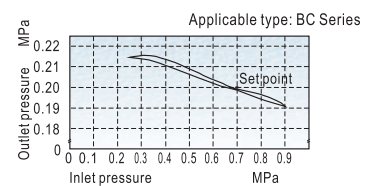
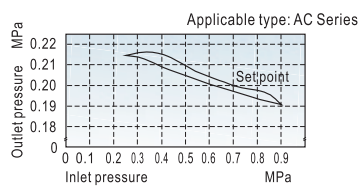


Product feature

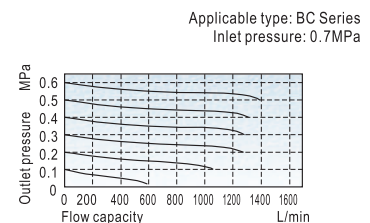
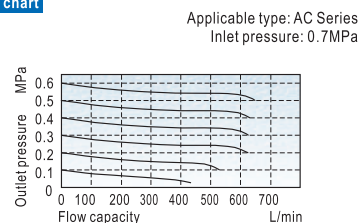
1. The structure is delicate and compact, which is convenient for installation and application.
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. The pressure loss is low and the efficiency of water separating is high.
4. The 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



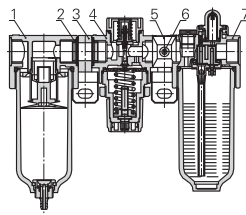
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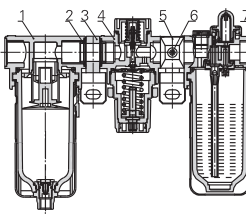
AC、BC Series

Inner structure

AC


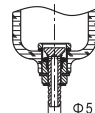
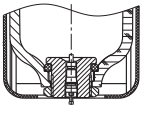
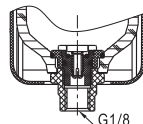
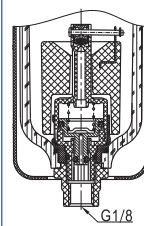


BC



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

Selection of drain mode

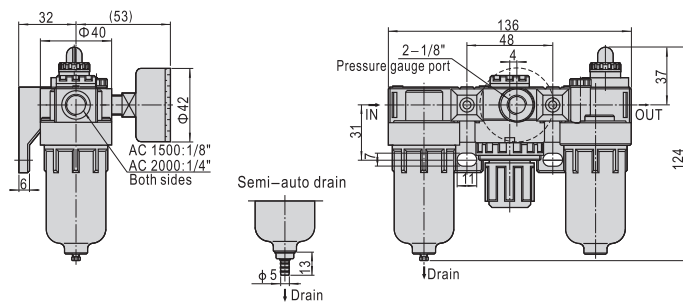
A1500, 2000 Series		B2000, 3000, 4000 Series		
Manual drain	Semi-auto drain	Manual drain	Semi-auto drain	Automatic drain
	<p>This semi-auto drain can also achieve the function of manual drain</p>  <p>PU tube with an inner diameter of $\Phi 4$mm is recommended</p>		 <p>G1/8</p>	 <p>G1/8</p>



AC
BC

Dimensions

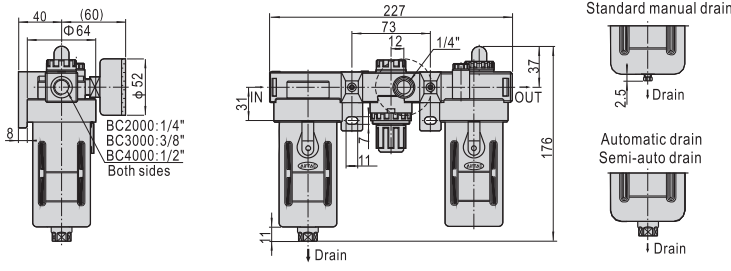
AC



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

Semi-auto drain
5 3 5 1/8"
↓ Drain

BC



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

Standard manual drain
2.5" ↓ Drain

Automatic drain
Semi-auto drain
1/8" ↓ Drain