

# Preparation unit—F.R.L. combination



## AC、BC Series



### Specification

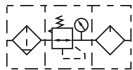
Model	AC1500	AC2000	BC2000	BC3000	BC4000
Fluid	Air				
Port size	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40 μm or 5 μm				
Pressure range	Semi-auto and automatic drain: 0.15~0.9MPa(20~130Psi)		Manual drain: 0.05~0.9MPa(7~130Psi)		
Max. pressure	1.0MPa(145Psi)				
Proof pressure	1.5MPa(215Psi)				
Temperature range	-20~70°C				
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
	Regulator	AR1500	AR2000	BR2000	BR3000
	Lubricator	AL1500	AL2000	BL2000	BL3000

### Ordering code

AC 2000 M □ □ 1 W □

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

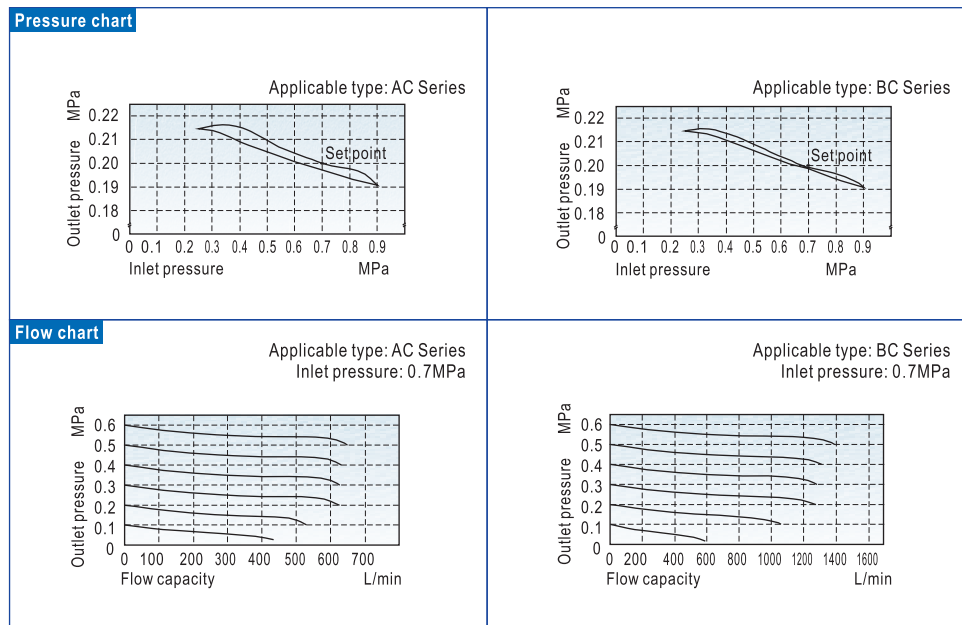
### Symbol



### 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



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### 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
	 This semi-auto drain can also achieve the function of manual drain		 G1/8	 G1/8
	PU tube with an inner diameter of $\Phi 4$ mm is recommended			



### Dimensions

**AC**

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

Semi-auto drain  
 $\phi 5$   
13

Pressure gauge port  
2-1/8"  
48  
4  
37  
124  
31  
IN  
OUT  
Drain

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**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  
Drain

