









# Preparation unit——A,B series

## Compendium of A,B Series preparation unit

P183	Product feature	Photo	P185	Product feature	Photo
AC、BC Series F.R.L Unit	<ul style="list-style-type: none"> <li>●The efficiency of water separating is high</li> <li>●The pressure loss is low</li> <li>●The flow of miststart is low</li> <li>●Convenient for installation and application</li> <li>●AC/BC series is optional</li> <li>●High-strength plastic shields is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>		AFC、BFC Series FR.L Unit	<ul style="list-style-type: none"> <li>●The efficiency of water separating is high</li> <li>●The pressure loss is low</li> <li>●The flow of miststart is low</li> <li>●Convenient for installation and application</li> <li>●AFC/BFC series is optional</li> <li>●High-strength plastic shields is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>	
P187	Product feature	Photo	P189	Product feature	Photo
AFR、BFR Series Filter-Regulator	<ul style="list-style-type: none"> <li>●The efficiency of water separating is high</li> <li>●The pressure loss is low</li> <li>●With fixing bracket convenient for use</li> <li>●AFR/BFR series is optional</li> <li>●High-strength plastic shields is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>		AF、BF Series Filter	<ul style="list-style-type: none"> <li>●The pressure loss is low</li> <li>●High-strength plastic shields is optional</li> <li>●The filter precision includes 5 μm and 40 μm(optional)</li> <li>●AF/BF series is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>	
P190	Product feature	Photo	P192	Product feature	Photo
AR、BR Series Regulator	<ul style="list-style-type: none"> <li>●Adjusting pressure steadily</li> <li>●Faceplate fixing and bracket fixing is optional</li> <li>●Standard type, lower pressure type is optional</li> <li>●AR/BR series is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>		AL、BL Series Lubricator	<ul style="list-style-type: none"> <li>●The flow of miststart is low</li> <li>●The pressure loss is low</li> <li>●High-strength plastic shields is optional</li> <li>●AL/BL series is optional</li> <li>●Port size: 1/8" 1/4" 3/8" 1/2"</li> </ul>	

## Installation and application



1. Check whether the components have been damaged during transportation before installing and using.
2. Pay attention to whether the flow direction of air (notice "→" direction) and thread type are correct.
3. Please notice whether installation condition accords with technical requirements (such as "working pressure" and "applied temperature range").
4. The medium used or installation environment shall be noticed. The matters with chlorine, carbon compound, aromatic compound and oxidizing acid and alkali shall be avoided to prevent the damage of bowl and oil bowl.
5. Regularly clean or change filter core. Lubricators and regulators shall be in descending order.
6. Keep dust away. The dust cover shall be installed in intake and outlet when the device is dismantled and stored.



# Preparation unit——A, B Series



## AC、BC Series F.R.L. Combination

### 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).

### Specification

Model		Ac1500	AC2000	BC2000	BC3000	BC4000
Fluid		Air				
Port size [Note1]		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		-5~70°C(unfreeze)				
Capacity of drain bowl		15CC	60CC			
Capacity of oil bowl		25CC	90CC			
Recommended lubricant		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

[Note1] PT thread, G thread and NPT thread are available.

### Ordering code

AC 2000 M <input type="checkbox"/> <input type="checkbox"/> 1 W <input type="checkbox"/>							
①	②	③	④	⑤	⑥	⑦	⑧
① Model	② Port size	③ Drain type	④ Type code	⑤ Pressure gauge	⑥ Scale	⑦ Filtering grade	⑧ Thread type
AC: A Series F.R.L unit	1500: 1/8" 2000: 1/4"	Blank: Semi-auto drain M: Manual drain	Blank: Standard (0.9MPa) L: Lower pressure (0.4MPa)	Blank: Pressure gauge N: No pressure gauge	1: MPa 2: psi 3: bar 4: kgf/cm <sup>2</sup> & psi	Blank: 40 μm W: 5 μm	Blank: PT (Scale: MPa or kgf/cm <sup>2</sup> & psi) G: G(Scale:bar) T: NPT(Scale:psi)
BC: B Series F.R.L unit	2000: 1/4" 3000: 3/8" 4000: 1/2"	Blank: Semi-auto drain M: Manual drain A: Automatic drain					

### Inner structure

AC Series				BC Series			
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						

