



# Filter/Regulator/Lubricator Combination Instruction Manual

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ARL-25



ARF-25



## **WARNING:**

Read carefully and understand all **INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury. Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.

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## **ATTENTION**

1. It is forbidden to be used in organic solvent environment because part of the elements are made from PC material. Please use neutral solvent to wash the PC cup.
2. The operating-pressure should not exceed 0.8MPa.
3. You should change the filtering element when there is little air coming from the air outlet.

## **TECHNICAL DATA**

Item No.	ARL-25	ARF-25	
Joint Pipe Bore	1/4"	1/4"	
Medium	Air		
Filtering Element Roughness	40 $\mu$		
Operating-pressure Range	Drain Type: 0.15-0.8MPa		
Max. Adjustable Pressure	0.8MPa		
Endured Pressure Range	1.2MPa		
Operating-temperature Range	5-60°C		
Capacity of Filter Cup	15cc	15cc	
Capacity of Oil Feed Cup	25cc	-	
Suggested Lube	ISO VG32 Or Same Grade Oil	-	
Weight	0.5Kg	0.5Kg	
Constituent Elements	Filter	AFR2000	AF2000
	Regulator	AFR2000	AR2000
	Lubricator	AL2000	-

## **INSTALLATION**

1. On installation, please clean the joint pipe and the fitting in order to avoid dirt being carried in to the gas.
2. Please be sure that the flowing direction of the gas is in conformity with the arrow on the body.
3. The fixation of the filter, regulator lubricator: match the concavity with the convexity, and then lock with the fixative plate and the nut.
4. When you use the regulator or filter regulator separately, revolve the fixative loop to lock the attached special fixative plate.

## **PRESSURE-ADJUSTMENT(REGULATOR)**

1. Please pull the knob before revolving it, and push it down for location.
2. The knob revolves clockwise to increase the pressure, and anti-clockwise to decrease the pressure.
3. When adjusting the pressure, you should make the pressure reach the needed pressure gradually

## **METHOD OF OIL-FEEDING AND AUJUSTMENT OF OIL CAPACITY(LUBRICATOR)**

1. Please use ISO VG 32 or same grade oil, and the oil should not exceed 80% of the cup capacity
2. Zero shows that there is little oil and nine shows much. It can not be revolved from nine to zero but being revolved clockwise.





**Macnaught Americas**  
**(813) 628-5506 | [info@macnaughtusa.com](mailto:info@macnaughtusa.com)**

\* Read Manual Before Use!