

Air Filter Combination (Three Elements) AC1000-5000 Series



Ensured Pressure Resistance	1.5MPa(15kgf/cm ²)
Highest Working Pressure	1.0MPa(10kgf/cm ²)
Ambient and Fluid Temperature	5-60℃
* Filter Precision *	25 μm
Recommended Oil Use	Turbine NO.1 Oil ISOVG32
Container Material	Polycarbonate
Protective Cover	AC1000-2000(Not Available) AC2500-5000 (Available)
Pressure Regulating Range	AC1000: 0.05-0.7MPa(0.5-7kgf/cm ²) AC2000~5000: 0.05-0.85MPa(0.5-8.5kgf/cm ²)
Valve Type	With Overflow

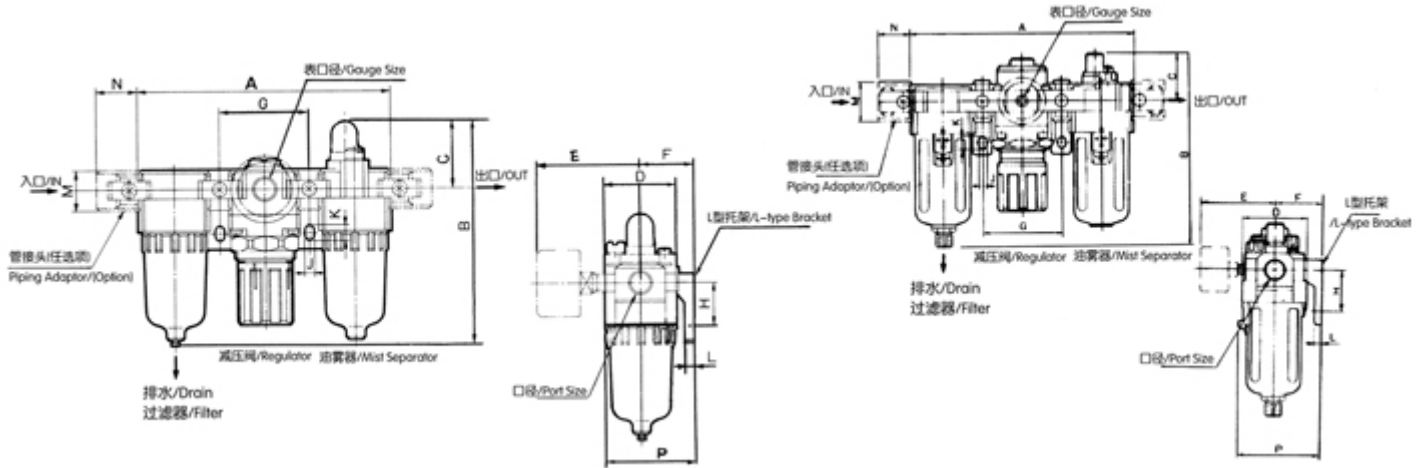
5、50 μm available in addition

Model	Specifications						Accessories		
	Assembly			Rated Flow (L/min)	Port Size (G)	Pressure Gauge Size (G)	Weight (kg)	Bracket (tow)	Pressure Gauge
	Filter	Regulator	Mist separator						
AC1000-M5	AF1000	AR1000	AL1000	90	M5	1/16	0.26	Y10L	G27-10-R1
AC2000-01	AF2000	AR2000	HAL2000	500	1/8	1/8	0.74	Y20L	G36-10-01
AC2000-02					1/4				
AC2500-02	AF3000	AR2500	HAL3000	1500	1/4	1/8	1.04	Y30L	
AC2500-03					3/8				
AC3000-02	AF3000	AR3000	HAL3000	2000	1/4	1/8	1.18	Y30L	
AC3000-03					3/8				
AC4000-03	AF4000	AR4000	HAL4000	4000	3/8	1/4	2.14	Y40L	G46-10-02
AC4000-04					1/2				
AC4000-06	AF4000-06	AR4000-06	HAL4000-06	4500	3/4	1/4	2.47	Y50L	

AC5000-06	AF5000	AR5000	HAL5000	5000	3/4	1/4	3.82	Y60L	
AC5000-10					1				

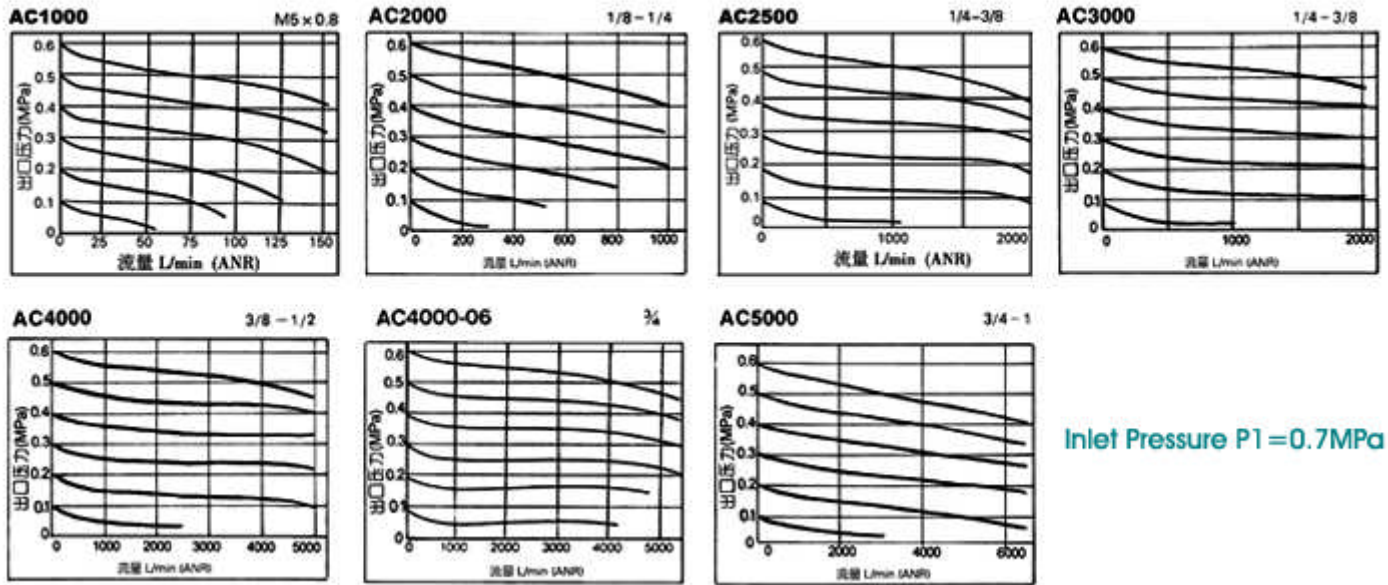
Under the circumstance that the supply pressure is 0.7Mpa (7.1kgf/cm²) and set pressure is 0.5MPa(5.1kgf/cm²)

Rc.and NPT port size are available



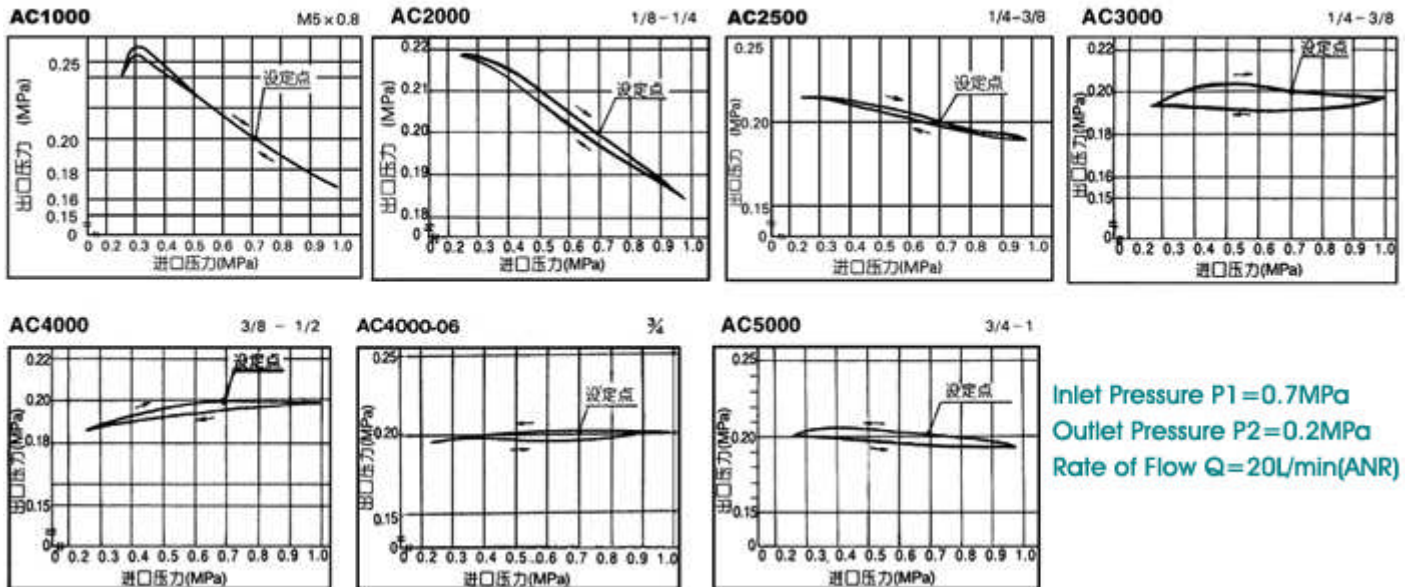
Model	Port Size G	A	B	C	D	E	F	G	H	J	K	L	M	N	P
AC1000	M5	91	84.5	25.5	25	26	25	33	20	4.5	7.5	5	17.5	16	38.5
AC2000	1/8-1/4	140	125	38	40	56.8	30	50	24	5.5	8.5	5	22	23	50
AC2500	1/4-3/8	181	156.5	38	53	60.8	41	64	35	7	11	7	34.2	26	70.5
AC3000	1/4-2/8	181	156.5	38	53	60.8	41	64	35	7	11	7	34.2	26	70.5
AC4000	3/8-1/2	238	191.5	41	70	65.5	50	84	40	9	13	7	42.2	33	88
AC4000-06	3/4	253	193	40.5	70	69.5	50	89	40	9	13	7	46.2	36	88
AC5000	3/4-1	300	271.5	48	90	75.5	69.8	105	50	12	16	10.5	55.2	40	115

Characteristic Curve of Flow Rate



Inlet Pressure $P_1 = 0.7\text{MPa}$

Characteristic Curve of Pressure



Inlet Pressure $P_1 = 0.7\text{MPa}$
 Outlet Pressure $P_2 = 0.2\text{MPa}$
 Rate of Flow $Q = 20\text{L/min(ANR)}$