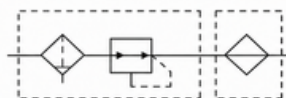


AC Series FRL - Filter, Regulator, Lubricator Combination

ViDOAIR™
PNEUMATICS



SYMBOL



ORDERING CODE

AC		2010		02		D	
MODEL		SERIES CODE		PORT SIZE		DRAIN TYPE	
AC	A Series Air Source Processing Unit	Code	Series	Code	Port Size	Code	Drain Type
		1010	1000 Series	M5	M5	Blank	Manual Drain
		2010	2000 Series	02	1/4"	A	Semi-auto Drain
		3010	3000 Series	03	3/8"	D	Automatic Drain
		4010	4000 Series	04	1/2"		
		5010	5000 Series	06	3/4"		
				10	1"		

SPECIFICATIONS

Model	Manual drain	AC1010-M5	AC2010-02	AC3010-02	AC3010-03	AC4010-03	AC4010-04	AC4010-06	AC5010-06	AC5010-10
	Automatic drain	AC1010-M5D	AC2010-02D	AC3010-02D	AC3010-03D	AC4010-03D	AC4010-04D	AC4010-06D	AC5010-06D	AC5010-10D
Port size Rc(PT)		M5x8	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Pressure gauge size Rc(PT)		1/16"	1/8"	1/8"	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"
Rated flow (L/min)		90	500	1700	1700	3000	3000	3000	4000	4000
Proof pressure	1.5 MPa (15.3 kgf/cm ²)									
Max. operating pressure	1.0 MPa (10.2 kgf/cm ²)									
Temperature range	5 ~ 60 °C									
Filtering grade	5 µm or 40 µm									
Recommended oil	Turbine No. 1 oil (ISO VG32)									
Cup material	Polycarbonate									
Cup protective cover	AC1010-2010 (Without)				AC3010-5010 (With)					
Pressure range	AC1010: 0.05-0.7 MPa (0.51-7.1 kgf/cm ²)				AC2010-5010: 0.05-0.85 MPa (0.51-8.7 kgf/cm ²)					
Valve type	With overflow									
Assembly	Filter regulator	AW1000	AW2000	AF3000	AF3000	AF4000	AF4000	AF4000	AF5000	AF5000
	Lubricator	AL1000	AL2000	AL3000	AL3000	AL4000	AL4000	AL4000	AL5000	AL5000
Weight (kg)		0.22	0.66	0.98	0.98	1.93	1.93	1.99	3.2	3.2

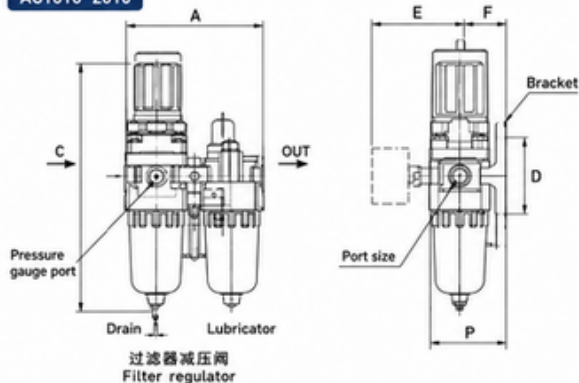
1. Also available in 2, 10, 20, 40, 70, 100 µm filtering grades.

2. Standard automatic drain is normally open (N.O.). AC3010-5010 also available in normally closed (N.C.). Minimum operating pressure: N.O. — 0.1 MPa (1 kgf/cm²); N.C. — 0.15 MPa (1.5 kgf/cm²).

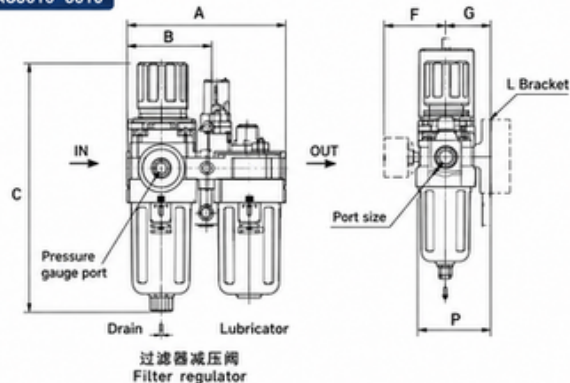
3. Supply pressure: 0.7 MPa (7.1 kgf/cm²).

DIMENSIONS

AC1010-2010



AC3010-5010



Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	B (Automatic drain)
AC1010	M5x0.8	58	109.5	50.5	25	26	25	29	20	4.5	7.5	5	17.5	16	38.5	130
AC2010	1/4"	90	164.5	78	40	56.8	30	45	24	5.5	8.5	5	22	23	50	187.5
AC3010	1/4" • 3/8"	117	211	92.5	53	60.8	41	58.5	35	7	11	7	34.2	26	70.5	248.5
AC4010	3/8" • 1/2"	154	262.5	112	70	70.5	50	77	40	9	13	7	42.2	33	88	300
AC4010-06	3/4"	164	267	114	70	70.5	50	82	40	9	13	7	46.2	36	88	304
AC5010	3/4" • 1"	195	338	116	90	75.5	69.8	97.5	50	12	16	10.5	55.2	40	115	—

Unit: mm

Note: Dimensions are for reference only and subject to change without notice.