Bel Neumática

SMC Standard AW1000 to AW5000
Air Filter & Regulator

Regufiltro

How to Order

Direct operated, relieving style. Minimizes space and piping due to the integration of the filter and the regulator.



AW2000



AW3000



AW5000

AW [30] [00] – [ ] [03] [BG]

Accessory

Symbol		Description	Applicable model
Nil		—	—
B		Bracket	AW1000 to AW5000
C	Auto drain	Auto drain float style (N.C.)	AW3000 to AW5000
D	Auto drain	Auto drain pressure differential	AW1000/2000
	Auto drain	Auto drain float style (N.O.)	AW3000 to AW5000
G	Gauge	Without limit indicator	AW1000
	Gauge	With limit indicator	AW2000 to AW5000

Port size

M5	M5×0.8	04	1/2
01	1/8	06	3/4
02	1/4	10	1
03	3/8		

Thread

Nil	Metric (M5)
	Rc(PT)
N	NPT
F	G(PF)

Body size

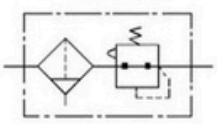
10	M5	40	1/2
20	1/8	50	3/4
30	3/8		

Air Filter+Regulator

Specifications

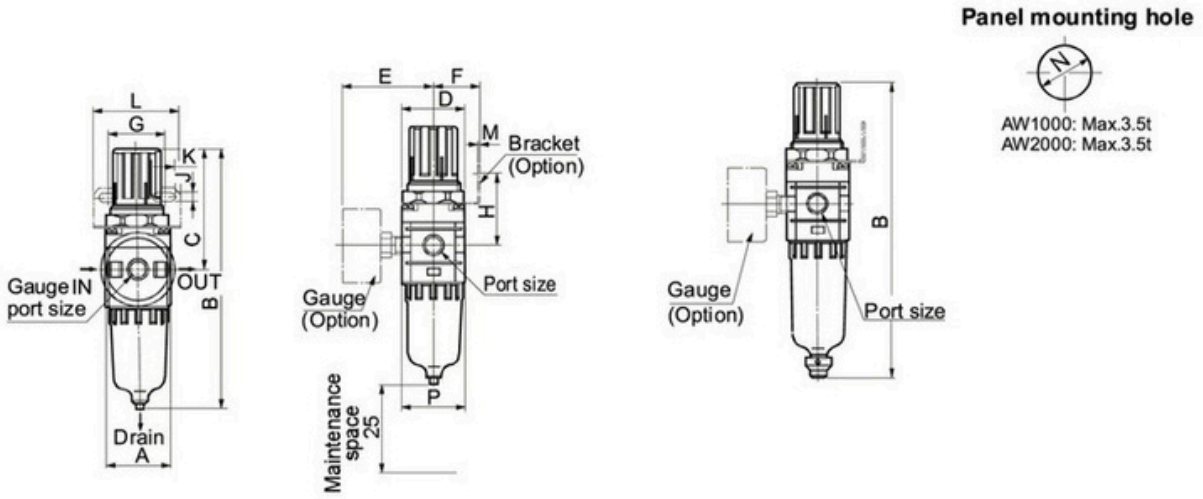
Model		AW1000	AW2000	AW3000	AW4000	AW4000-06	AW5000
Port size		M5×0.8	1/4	1/4 3/8	3/8 1/2	3/4	3/4 1
Fluid		Air					
Proof pressure		1.5 MPa					
Max.operating pressure		1.0 MPa					
Set pressure range		0.05~0.7MPa	0.05~0.85 MPa				
Gauge port size		1/16	1/8	1/8	1/4	1/4	1/4
Ambient and fluid temperature		-5~60℃ (No freezing)					
Filtration		5μm					
Drain capacity (cm^3)		2.5	8	23	45	45	65
Bowl material		Polycarbonate					
Construction		Relieving style					
Weight (kg)		0.09	0.36	0.53	1.09	1.15	1.7
Accessory (Std.equipment)	Bowl guard	—	—	•	•	•	•

Symbol

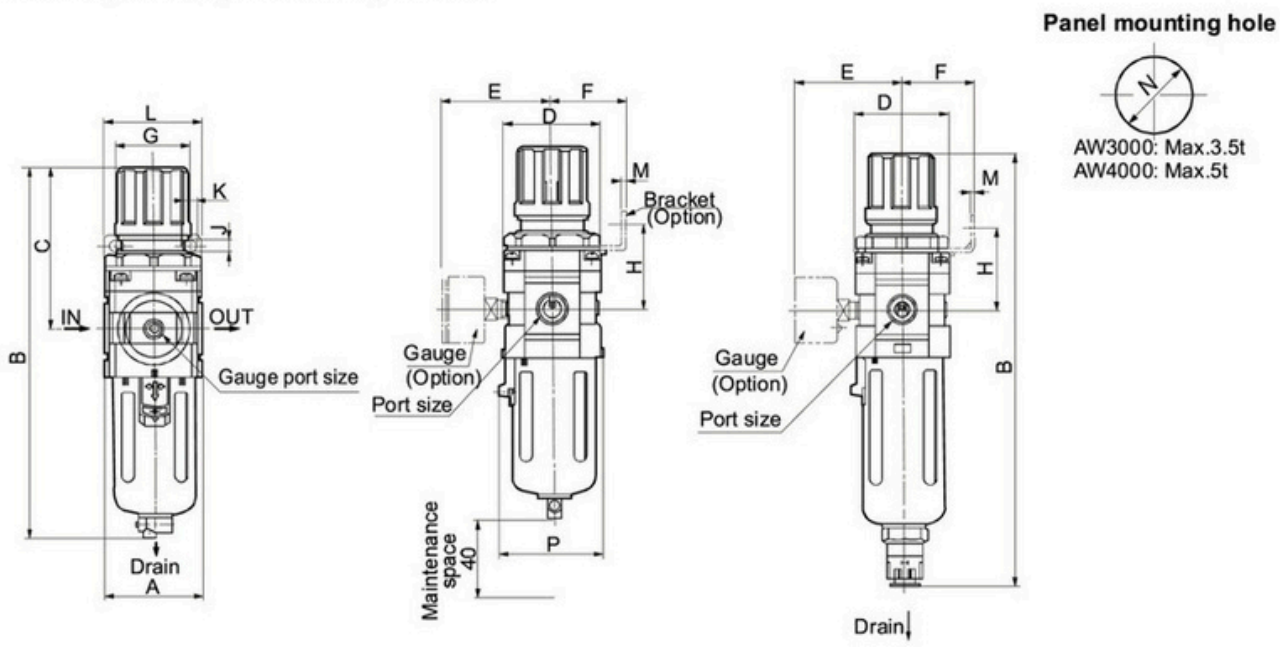


Dimensions

AW1000, AW2000



AW3000, AW4000, AW4000-06, AW5000



Model	Port size	A	B	C	D	E	Bracket mounting dimensions							N	P	With auto drain	
							F	G	H	J	K	L	M			Float	Press.Diff.
																B	B
AW1000	M5×0.8	25	109.5	50.5	25	26	25	28	30	4.5	6.5	40	2.0	20.5	28	—	130
AW2000	1/4	40	164.5	78	40	56.8	30	34	44	5.4	15.4	55	2.3	33.5	40	—	187.5
AW3000	1/4,3/8	53	207.5	92.5	53	60.8	41	40	46	6.5	8.0	53	2.3	42.5	56	248.5	—
AW4000	3/8,1/2	70	259	112	70	70.5	50	54	54	8.5	10.5	70	2.3	52.5	73	300	—
AW4000-06	3/4	75	263	114	70	70.5	50	54	56	8.5	10.5	70	2.3	52.5	73	304	—
AW5000	3/4,1	90	338	116	90	75.5	49.2	54	62	8.5	10.5	70	2.3	52.5	90	378	—