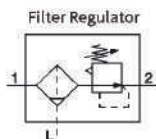


Symbol



NBEENSUREDFORASAFETYPURPOSES)NTEGRATEDFILTERANDREGU

Ordersymbol

AW 30 - 03 BG - -A

1 2 3 4 5

• Option/Semi-standard: Select one each for a to l.
• Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
Example) AW30-03BG-1N-A



		Symbol	Description	1				
				Body size				
				20	30	40		
2	Pipe thread type	Nil	Rc	●	●	●		
		N	NPT	●	●	●		
		F	G	●	●	●		
+								
3	Port size	01	1/8	●	—	—		
		02	1/4	●	●	●		
		03	3/8	—	●	●		
		04	1/2	—	—	●		
+								
4	Option	a	Mounting	Nil	Without mounting option	●	●	●
				B	With bracket	●	●	●
				H	With set nut (for panel mount)	●	●	●
	+							
	b	Float type auto drain	Nil	Without auto drain	●	●	●	
			C	N.C. (Normally closed) Drain port is closed when pressure is not applied.	●	●	●	
			D	N.O. (Normally open) Drain port is open when pressure is not applied.	—	●	●	
	+							
	c	Pressure gauge	Nil	Without pressure gauge	●	●	●	
			G	Round type pressure gauge (without limit indicator)	●	●	●	
			M	Round type pressure gauge (with color zone)	●	●	●	
+								
5	Semi-standard	d	Set pressure	Nil	0.05~0.7MPa setting	●	●	●
				1	0.02~0.2MPa setting	●	●	●
		+						
		e	Bowl	Nil	Polycarbonate bowl	●	●	●
				C	With bowl guard	●	—	—
		+						
		f	Drain por	Nil	With bowl guard	●	●	●
				J	Drain guide 1/8	●	—	—
					Drain guide 1/4	—	●	●
				W	Drain cock with barb fitting (for ø6 x ø4 nylon tube)	—	●	●
		+						
		g	Exhaust mechanism	Nil	Relieving type	●	●	●
				N	Non-relieving type	●	●	●
		+						
		h	Flow directnon	Nil	Flow direction: Left to right	●	●	●
				R	Flow direction: Right to left	●	●	●

Common specification

Model	AW20-A	AW30-A	AW40-A
Port size	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2
Pressure gauge port size	1/8		
Fluid	Air		
Ambient and fluid temperature	-5 to 60°C (with no freezing)		
Proof pressure	1.5MPa		
Maximum operating pressure	1.0MPa		
Set pressure range	0.05~0.7MPa		
Nominal filtration rating	5μm		
Drain capacity (cm3)	8	25	45
Bowl material	Polycarbonate		
Bowl guard	Semi-standard (Steel)	Standard (Polycarbonate)	
Construction	Relieving type		
Weight (kg)	0.21	0.41	0.75

Optional Accessories

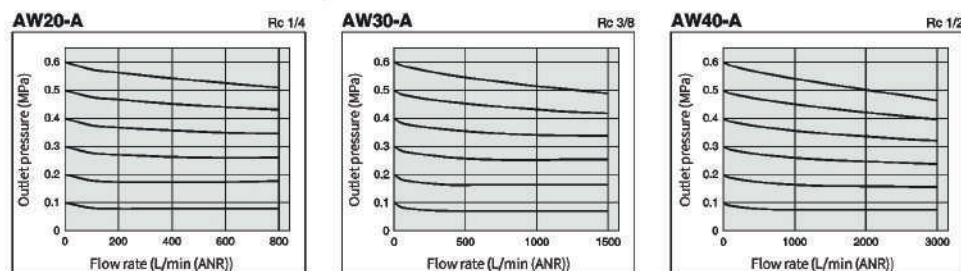
Optional specifications			Model		
Bracket assembly ^{Note 1)}			AW20-A	AW30-A	AW40-A
Set nut			AR22P-270AS	AR32P-270AS	AR42P-270AS
			AR22P-260S	AR32P-260S	AR42P-260S
Polycarbonate bowl	Manual discharge		C2SF-A	C3SF-A	C4SF-A
	Automatic discharge	N.C.	AD27-A	AD37-A	AD47-A
		N.O.	—	AD38-A	AD48-A
	with drain guide		C2SF-J-A	C3SF-J-A	C4SF-J-A
	Metal bowl with level gauge		—	C3SF-W-A	C4SF-W-A
	Metal bowl with drain guide		C2SF-C-A	C3SF-C-A	C4SF-C-A
Metal bowl	Manual discharge		C2SF-2-A	C3SF-2-A	C4SF-2-A
	Automatic discharge	N.C.	AD27-2-A	AD37-2-A	AD47-2-A
		N.O.	—	AD38-2-A	AD48-2-A
	with drain guide		C2SF-2J-A	C3SF-2J-A	C4SF-2J-A
	Metal bowl with level gauge		—	C3SF-2W-A	C4SF-2W-A
Nylon bowl	Manual discharge		C2SF-6-A	C3SF-6-A	C4SF-6-A
	Automatic discharge	N.C.	AD27-6-A	AD37-6-A	AD47-6-A
		N.O.	—	AD38-6-A	AD48-6-A
	with drain guide		C2SF-6J-A	C3SF-6J-A	C4SF-6J-A
	Metal bowl with level gauge		—	C3SF-6W-A	C4SF-6W-A

Note1) Including bracket and setting nut

Note2) Minimum operating pressure: N.O. type-0.25 MPa; N.C. type-0.1 MPa (AD27-A) and 0.15 MPa (AD37-A, AD47-A). Please inquire separately about the unit specifications for psi and °F

Flow characteristics (Representative values)

Condition: Inlet pressure 0.7 MPa



Pressure properties (Representative values)

Conditions: Inlet pressure 0.7 MPa, Outlet pressure 0.2 MPa, Flow rate 20 L/min (ANR)

