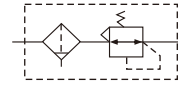


Symbol



Ordering code

AW		2000	02	D	
Model		Port size		Drain method	
AW	A Series filter & regulator	M5	M5	Blank	Manual drain
		02	1/4"	A	Semi-auto drain
		03	3/8"	D	Automatic drain
		04	1/2"		
		06	3/4"		
		10	1"		
Series code					
1000	1000 Series				
2000	2000 Series				
3000	3000 Series				
4000	4000 Series				
5000	5000 Series				



Specification

Model	Manual drain	AW1000-M5	AW2000-02	AW3000-02	AW3000-03	AW4000-03	AW4000-04	AW4000-06	AW5000-06	AW5000-10
	Automatic drain	AW1000-M5D	AW2000-02D	AW3000-02D	AW3000-03D	AW4000-03D	AW4000-04D	AW4000-06D	AW5000-06D	AW5000-10D
Port size		M5x8	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Pressure gauge size		1/16"	1/8"	1/8"	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"
Rated flow (L/min)		100	550	2000	2000	4000	4000	4500	5000	5000
Proof pressure		1.5MPa{15.3kgf/cm ² }								
Max. pressure		1.0MPa{10.2kgf/cm ² }								
Temperature range		5~60℃								
Filtering grade		5μm or 40μm								
Recommended oil		Turbine No. 1 oil ISO VG32								
Cup material		Polycarbonate								
Cup protective cover		AW1000~2000(Without) AW3000~5000(With)								
Pressure range		AW1000: 0.05-0.7MPa(0.51~7.1kgf/cm ²); AW2000~5000: 0.05~0.85MPa(0.51~8.7kgf/cm ²)								
Valve type		With overflow								
Assembly	Manual drain	C100F	C200F	C300F	C300F	C400F	C400F	-	-	-
	Automatic drain	AD61	AD62	AD43	AD43	AD44	AD44	-	-	-
Weight(kg)		0.09	0.36	0.56	0.56	1.15	1.15	1.21	1.7	1.7

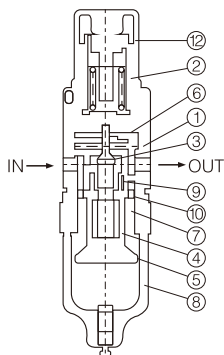
Note: 1. there are 2, 10, 20, 40, 70, 100μm to choose from;

2. Standard automatic drainage for normally open (N.O.), AW3000~5000 also has normally closed (N.C.) to choose from, and the lowest use pressure: normally open -0.1MPa (1kgf/cm²), normally closed -0.15MPa (1.5kgf/cm²);

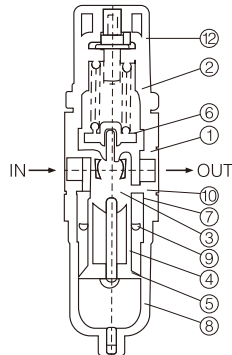
3. Supply pressure is 0.7MPa (7.1kgf/cm²) case.

Inner structure

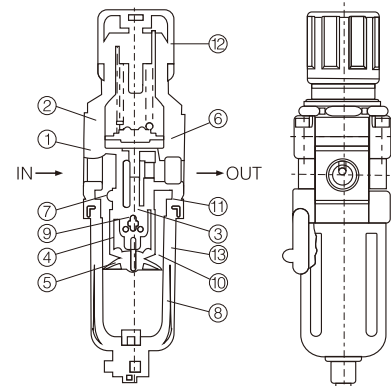
AW1000



AW2000



AW3000/4000



FRL

AC/BC

AFC/BFC

AFR/BFR

AF/BF

AR/BR

AL/BL

SR

SDR

AC

AW

AF

AR

AL

F3

F2

F1

F

R

L

USFRL

USFR/L

USFR

USF

USR

USL

QSL

QTY

QIU

QTYH

QSLH

QFRH

AFF

AF(Big)

AL(Big)

AR(Big)

AD402

AH402

AD-5

IR

ITV

ACR

F804

PG

FRL

AC/BC

AFC/BFC

AFR/BFR

AF/BF

AR/BR

AL/BL

SR

SDR

AC

AW

AF

AR

AL

F3

F2

F1

F

R

L

USFRL

USFR/L

USFR

USF

USR

USL

QSL

QTY

QIU

QTYH

QSLH

QFRH

AFF

AF(Big)

AL(Big)

AR(Big)

AD402

AH402

AD-5

IR

ITV

ACR

F804

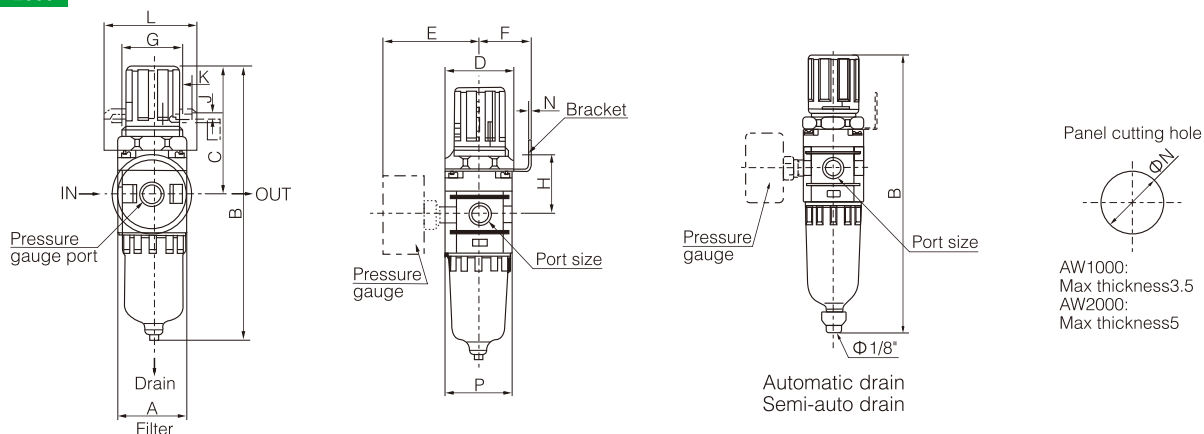
PG

Main parts

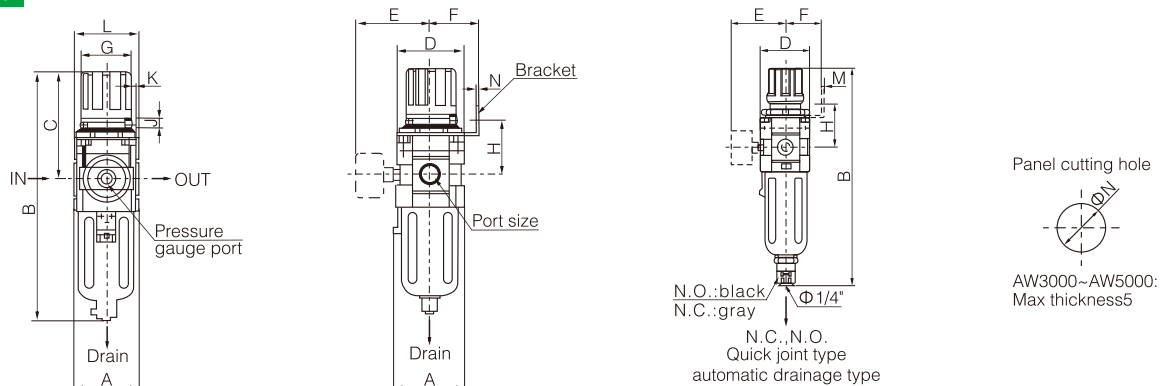
No.	Parts name	Material		
		AW1000	AW2000~3000	AW4000~5000
1	Valve boby	Zinc die casting	Aluminum die casting	
2	Valve cover	Reinforced Nylon		Aluminum die casting
3	Valve core assembly	Brass, Rubber		
4	Filter element	Brass		
5	Drain board	ABS		
6	Film	Rubber		
7	Whirlwind blade	ABS		
8	Water storage cup(Protective cover)	Polycarbonate(Cold-rolled sheet)		
9	Spring	Stainless Steel		
10	O-ring	Rubber		
11	O-ring	Rubber		
12	Hand wheel	Reinforced nylon		
13	Middle part	Aluminum die casting		

Dimensions

AW1000~2000



AW3000~5000



Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	B(Automatic drain)
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	30	45	5.4	15.4	55	2.3	33.5	40	187.5
AW3000	1/4"·3/8"	53	211	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	262.5	112	70	70.5	50	54	54	8.5	10.5	70	2.3	52.5	73	300
AW4000-06	3/4"	75	267	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	-