

Product Selection Guide

Valve Accessories Professional Manufacturer

Air Filter Regulator

Product Contents

Series Air Filter Regulator

SW - 22 Series Air Filter Regulator

SW - 20 Series Air Filter Regulator

SW-22 series air filter regulator ables to accurately control pressure, as well as filter solid particles above 5 microns, and liquids from compressed air. Provide clean air source for air receiving equipment.

- Die-cast aluminum body material with a polyester coating, which gives a long life and protects against corrosion. SS316L material is optional, suitable for severe corrosive environment.
- Quick response, stable pressure output even when inlet pressure and flow fluctuate.
- Filter solid particles with a minimum diameter of 5 microns and self-cleaning function.
- Designed with 3 air outlets, installation direction can be easily adjusted.
- Manual or auto drain function is available.

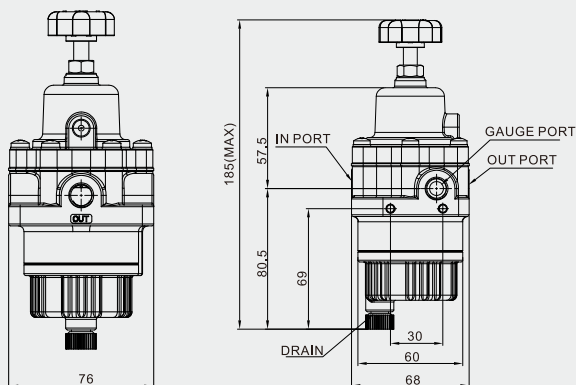


Manual drain

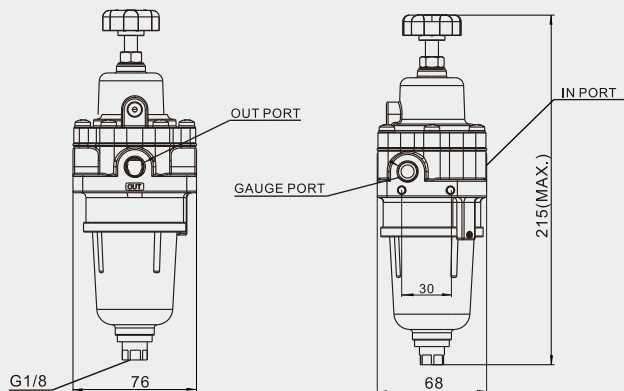
Auto drain

Model No.	SW-22
Max.input pressure	1.5MPa
Output pressure	0~1.0MPa ^[1]
Working medium	Compressed air
Ambient temp.	-20~70°C ; -20~120°C ; -40~70°C
Min. filtering size	5µm
Air connection	NPT1/4 ; G1/4
Body material	Die-cast Aluminum ; SS316L
Weight	Aluminum Manual drain: 0.6kg; Auto drain: 0.65kg;
	SS316 Manual drain: 1.95kg

[1]: The pressure gauge range is 0~1.0 MPa, for other specifications please consult SKYWELL



Manual drain



Auto drain

	1.	2.	3.	4.	5.	6.	7.
SW-22	N	1	0	S	0	1	0

Port Standard^[2]

NPT — N

G — G

Port connection

1/4" — 1

1/2" — 2

Body material

Die-cast Aluminum — 0

SS316L — 1

Ambient temperature

-20~70°C — S

-20~120°C — H

-40~70°C — L

Copper option

Copper — 0

Non-copper — 1

Gauge

None — 0

Normal type — 1

Stainless steel — 2

Drain option

Manual drain — 0

Auto drain — 1

[2]: The default screw standard is NPT, please consult SKYWELL for other standards.

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SW-22A



SW-22B



SW-22C



SW-22D

Parameter

Model No.	SW-20A		SW-20B		SW-20C			SW-20D	
Air connection	1/8"	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Max. input pressure	1.5MPa								
Regulating Range	Auto drain : 0.15~0.9MPa Manual drain : 0.05~0.9MPa								
Working medium	Compressed air								
Ambient temp.	-20~70℃								
Min. filtering size	5μm								
Body material	Aluminum								

Flow rate(L/min)

Model Size	SW-20A	SW-20B	SW-20C	SW-20D
1/8"	880	—	—	—
1/4"	950	1680	—	—
3/8"	—	1850	4160	—
1/2"	—	—	4560	—
3/4"	—	—	4650	5000
1"	—	—	—	5500

	1.	2.	3.	4.	5.	6.
SW-20	A	1	N	1	1	1

Model

- A Type — A
B Type — B
C Type — C
D Type — D

Air connection

- 1/8" — 1
1/4" — 2
3/8" — 3
1/2" — 4
3/4" — 5
1" — 6

Connection Standard

- NPT — N
G — G
PT — P

Cup Type

- Metal cup — 1
Transparent cup with metal cover — 2

Drain Option

- Manual drain — 1
Auto drain — 2

Gauge

- None — 0
Normal type — 1

Note1: Only 1/8" and 1/4" are available for A type, only 1/4" and 3/8" are available for B type , only 3/8", 1/2" and 3/4" are available for C type, only 3/4" and 1" are available for D type.

Note2: Type A with metal cup can not be used to Auto drain.



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