

## GVF Series



### Ordering code

**GVF300** □ **10** □ **W** **T**

① ② ③ ④ ⑤ ⑥

① Model	② Bowl material	③ Port size	④ Accessories	⑤ Filtering grade	⑥ Thread type
GVF200 : GVF200 Series Vacuum Filter	Blank : PC bowl C : Metal bowl N : Nylon bowl	06: 1/8"	Blank: Bracket J: No bracket	Blank: 40μm W: 5μm	Blank: PT G: G T: NPT
GVF300 : GVF300 Series Vacuum Filter		08: 1/4"			
		10: 3/8"			
		15: 1/2"			

### Specification

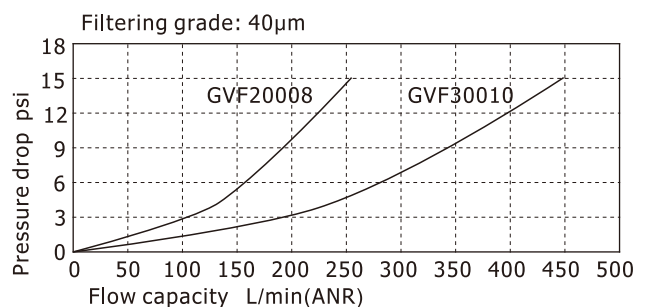
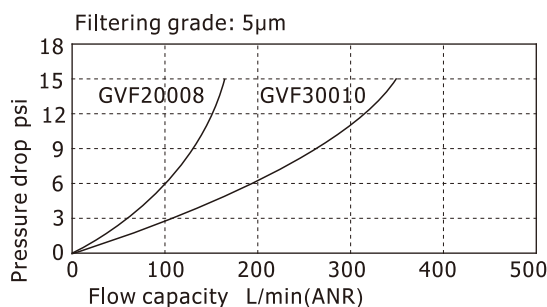
Model	GVF200-06	GVF200-08	GVF300-08	GVF300-10	GVF300-15
Fluid	Air				
Port size [Note1]	1/8"	1/4"	1/4"	3/8"	1/2"
Filtering grade	40μm or 5μm				
Pressure range	-100~0KPa				
Proof pressure	0.5MPa				
Temperature range	-5~70°C(Unfreeze)				
Capacity of drain bowl	25CC		45CC		
Material of bowl	PC bowl、Nylon bowl、Metal bowl				
Weight(Plastic bowl/Metal bowl)	220g/225g	210g/215g	370g/380g	360g/375g	350g/360g
Flow capacity [Note2] (L/min ANR)	5μm	80	100	150	200
	40μm	100	160	200	280

[Note1] NPT thread is available. [Note2] The flow capacity at the inlet pressure loss of 4 Kpa.

### Product feature

1. Unique diversion structure spins the air flowing through to effectively separate the liquid from the air and reliably filter the solid grain.
2. It has low pressure loss, high efficiency in separating water and large drain bowl capacity.
3. Filtering grade includes 5μm and 40μm (Optional).
4. Three material of bowl are available: PC, Nylon and metal.
5. The bracket can be selected for installation.

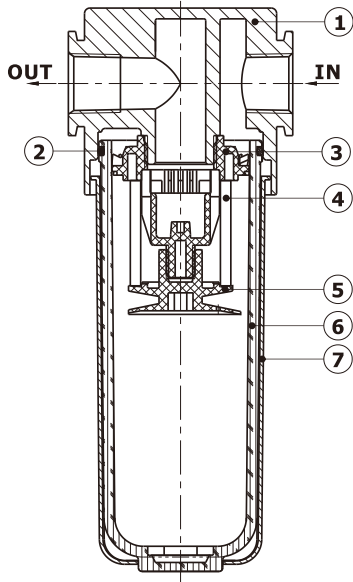
### Pressure chart



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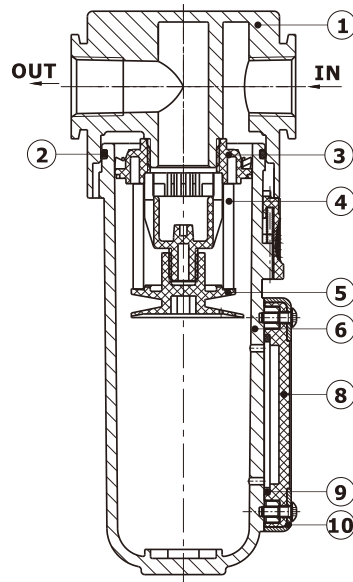
### Inner structure

#### GVF300



PC bowl(Nylon bowl)+Metal cover

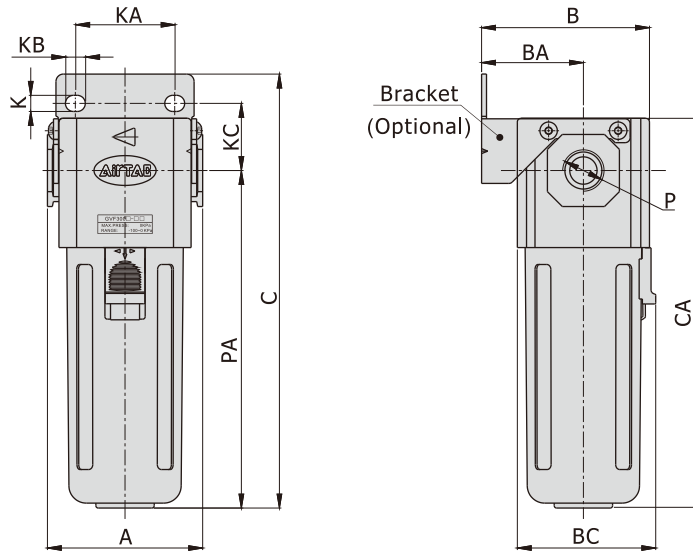
#### GVF300



Metal bowl

No.	Item
1	Body
2	O-ring
3	Air guide
4	Filter core
5	Umbrella baffle
6	Drain bowl
7	Meter cover
8	Liquid meter inside cover
9	Liquid meter seal
10	Liquid meter cover

### Dimensions



Model\Item	A	B	BA	C	CA	K	KA	KB	KC	P	PA
GVF200-06	52.5	54.5	33	136.5	123.5	5.4	27	8.4	23	1/8"	106.5
GVF200-08	52.5	54.5	33	136.5	123.5	5.4	27	8.4	23	1/4"	106.5
GVF300-08	62.5	67.5	41	174.5	156.5	6.5	40	8	27	1/4"	135.5
GVF300-10	62.5	67.5	41	174.5	156.5	6.5	40	8	27	3/8"	135.5
GVF300-15	62.5	67.5	41	174.5	156.5	6.5	40	8	27	1/2"	135.5