

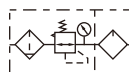
Preparation unit——GA Series

GAFC Series FR.L. combination

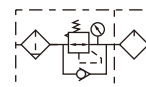


Symbol

No reflux valve is attached



Reflux valve is attached



Product feature

1. Quick and reliable mounting clamps makes it convenient to install and use.
2. The performance of pressure adjustment is reliable with high precision.
3. The efficiency of eliminating moisture and solid grain is high.
4. Two drain types are available: manual drain+semi-auto drain and automatic drain.
5. Three bowl materials are available: PC, Metal and Nylon.

Specification

Model		GAFC200-06	GAFC200-08	GAFC300-08	GAFC300-10	GAFC300-15	GAFC400-10	GAFC400-15	GAFC500-20	GAFC600-20	GAFC600-25
Fluid		Air									
Port size [Note1]		1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	3/4"	1"
Filtering grade		40 μm or 5 μm									
Pressure range		0.15~0.9MPa(20~130psi)									
Max. pressure		1.0MPa(145psi)									
Proof pressure		1.5MPa(215psi)									
Temperature range		-5~70°C(Unfreeze)									
Capacity of drain bowl		25CC		60CC			100CC		108CC	205CC	
Capacity of oil bowl		36CC		98CC			185CC		225CC	410CC	
Recommended lubricant		ISO VG 32 or equivalent									
Weight		590g		1020g			1810g		1910g	3430g	
Constitute	Filter & Regulator	GAFR200-06	GAFR200-08	GAFR300-08	GAFR300-10	GAFR300-15	GAFR400-10	GAFR400-15	GAFR500-20	GAFR600-20	GAFR600-25
	Lubricator	GAL200-06	GAL200-08	GAL300-08	GAL300-10	GAL300-15	GAL400-10	GAL400-15	GAL500-20	GAL600-20	GAL600-25

[Note1] G thread is available.

Ordering code

GAFC300 □ 10 □ S □ W G K

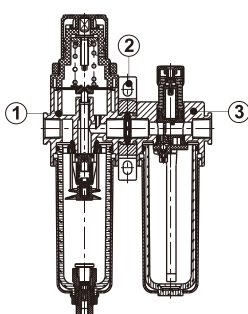
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Model	② Bowl material	③ Port size	④ Drain type	⑤ Type code	⑥ Pressure gauge	⑦ Filtering grade	⑧ Thread type	⑨ Code of reflux valve
GAFC200:GA200 Series FR.L unit	Blank: PC bowl C: Metal bowl N: Nylon bowl	06: 1/8" 08: 1/4"	Blank: Semi-auto drain +Manual drain A: Automatic drain	S: Standard	Blank: Circular N: No gauge [Note2]	Blank: 40μm W: 5μm	G: G Thread (bar/MPa)	Blank: No reverse flow valve is attached K: Reverse flow valve is attached [Note2]
GAFC300:GA300 Series FR.L unit		08: 1/4" 10: 3/8" 15: 1/2"		L: Lower pressure [Note1]				
GAFC400:GA400 Series FR.L unit		10: 3/8" 15: 1/2"						
GAFC500:GA500 Series FR.L unit		20: 3/4"						
GAFC600:GA600 Series FR.L unit	C: Metal bowl	20: 3/4" 25: 1"		S: Standard				

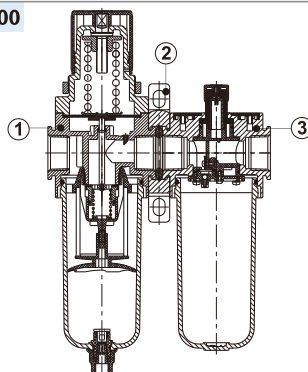
[Note1]The work pressure of lower pressure type is 0.15~0.4MPa(20~58psi) ; [Note2] Please refer to page 201 for details of sealing plate Installation and reflux valve.

Inner structure

GAFC200



GAFC600

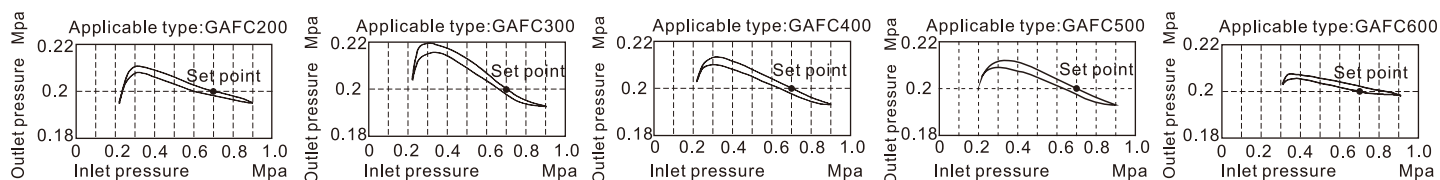


No.	Item
1	GA series filter & regulator
2	Bracket
3	GA series lubricator

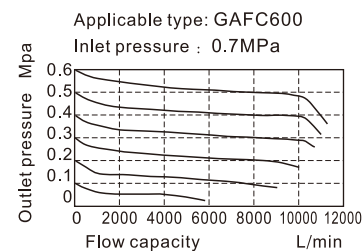
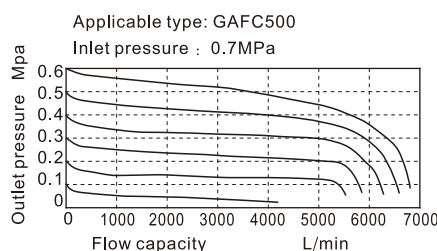
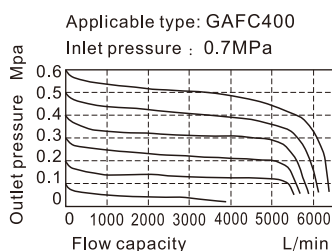
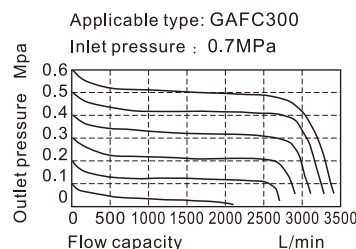
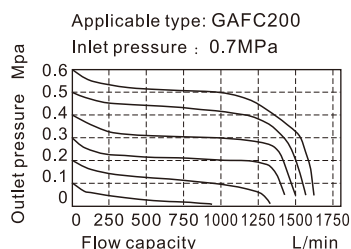
Preparation unit——GA Series

GAFC Series FR.L. combination

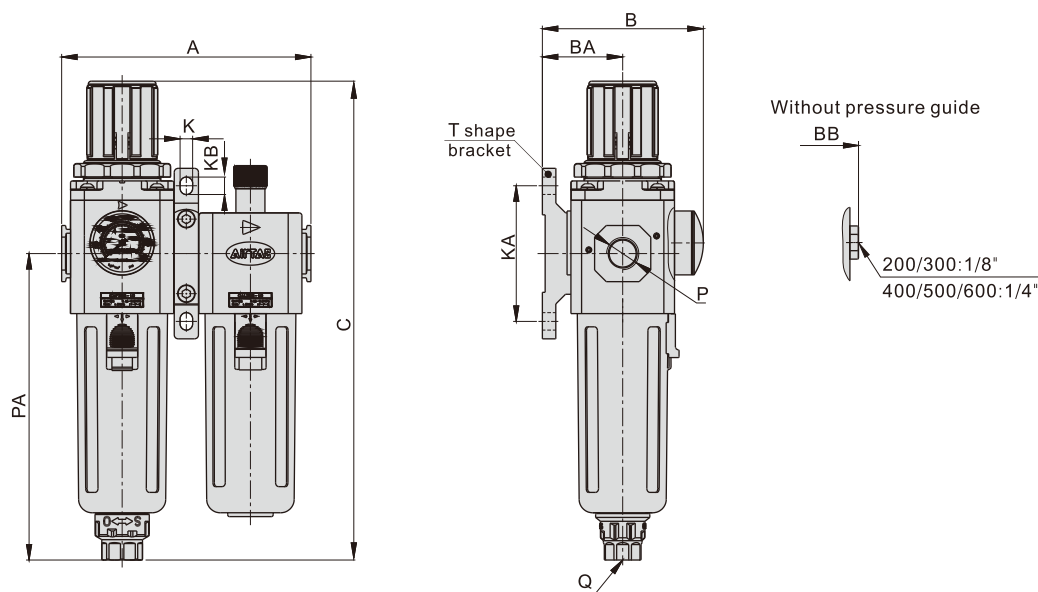
Pressure chart



Flow chart



Dimensions



Model\Item	A	B	BA	BB	C	K	KA	KB	P	PA	Q
GAFC200-06	107.5	69	30	55.5	192.5	5.5	50	8.5	1/8"	120	M5X0.8
GAFC200-08	107.5	69	30	55.5	192.5	5.5	50	8.5	1/4"	120	M5X0.8
GAFC300-08	128.5	83	41.5	71.5	247	6.5	70	9	1/4"	158	G1/4
GAFC300-10	128.5	83	41.5	71.5	247	6.5	70	9	3/8"	158	G1/4
GAFC300-15	128.5	83	41.5	71.5	247	6.5	70	9	1/2"	158	G1/4
GAFC400-10	164	99	50	88	285.5	8.6	80	12	3/8"	177.5	G1/4
GAFC400-15	164	99	50	88	285.5	8.6	80	12	1/2"	177.5	G1/4
GAFC500-20	168	100	50	89	299.5	8.6	80	12	3/4"	191.5	G1/4
GAFC600-20	206	128	70	117	336.5	11	100	16	3/4"	205	G1/4
GAFC600-25	206	128	70	117	336.5	11	100	16	1"	205	G1/4

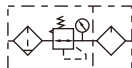
Preparation unit——GA Series

GAFC100 Series FR.L combination



Symbol

Reflux valve option is not available



Specification

Model	GAFC100M5	GAFC10006
Fluid	Air	
Port size [Note1]	M5	1/8"
Filtering grade	40μm or 5μm	
Pressure range	0.15~0.9MPa(20~130psi)	
Max. pressure	1.0MPa(145psi)	
Proof pressure	1.5MPa(215psi)	
Temperature range	-5~70°C(Unfreeze)	
Capacity of drain bowl	6CC	
Capacity of oil bowl	9CC	
Recommended lubricant	ISO VG 32 or equivalent	
Weight	158g	
Constitute	Filter & Regulator	GAFC100M5
	Lubricator	GAL100M5
		GAFC10006
		GAL10006

[Note1] G thread is available.

Ordering code

GAFC100 ☐ 06 ☐ S ☐ W G ☐

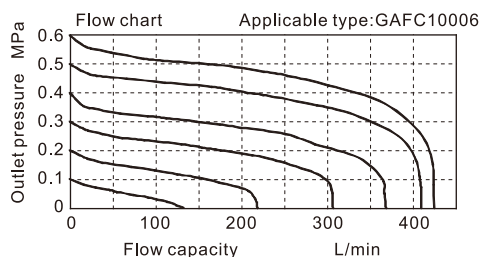
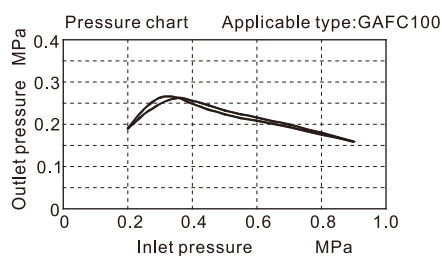
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Model	②Bowl material	③Port size	④Drain type	⑤Type code	⑥Pressure gauge	⑦Filtering grade	⑧Thread type[Note2]	⑨Code of reflux valve
GAFC100:GA100 Series FR.L unit	Blank : PC	M5: M5 06: 1/8"	Blank: Semi-auto drain+Manual drain	S: Standard L: Lower pressure [Note1]	Blank: Circular N: No gauge	Blank: 40μm W: 5μm	G: G (bar/MPa)	Blank: Reflux valve is not available

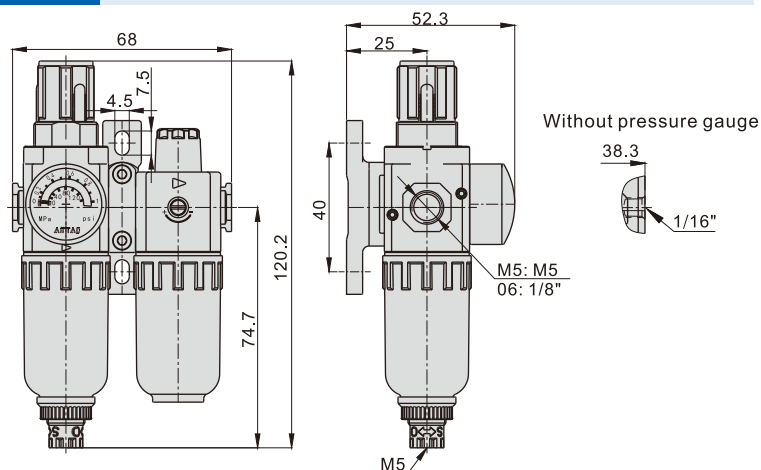
[Note1] The working pressure range of lower pressure type is 0.15~0.4MPa(20~58psi) ;

[Note 2] Thread type means connecting thread and scales of pressure gauge while port size is M5.

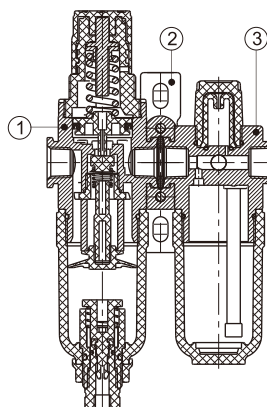
Pressure and Flow chart



Dimensions



Inner structure



No.	Item
1	GAFC100 series filter & regulator
2	Bracket
3	GAL100 series lubricator