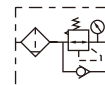


Preparation unit—GA Series

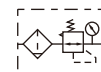
GAFR Series Filter & regulator



Reflux valve is attached



No reflux valve is attached



Ordering code

GAFR300	☐	10	☐	S	☐	☐	W	T	K
1	2	3	4	5	6	7	8	9	10

① Model	② Material of bowl	③ Port size	④ Drain type	⑤ Type code
GAFR200:GA200 Series filter-regulator	Blank: PC N: Nylon C: Metal	06: 1/8" 08: 1/4"	Blank: Semi-auto drain A: Automatic drain	S: Standard L: 20~58psi setting [Note1]
GAFR300:GA300 Series filter-regulator		08: 1/4" 10: 3/8" 15: 1/2"		
GAFR400:GA400 Series filter-regulator		10: 3/8" 15: 1/2"		
GAFR500:GA500 Series filter-regulator		20: 3/4"		
GAFR600:GA600 Series filter-regulator	C: Metal	20: 3/4" 25: 1"		S: Standard
⑥ Accessories	⑦ Pressure gauge	⑧ Filtering grade	⑨ Thread type	⑩ Reflux valve
Blank: Bracket J: No bracket	Blank: Circular with clip N: No pressure gauge [Note2]	Blank: 40μm W: 5μm	T: NPT (Scale: bar/psi)	Blank: Without reflux valve K: with reflux valve [Note2]

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

[Note2] Please refer to page 270 for details of sealing plate Installation and reflux valve.

Product feature

1. Circular square pressure gauge which with clip and magnifier is used to save installation space.
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. Balanced design is adopted for the pressure adjustment mechanism.
4. Unique diversion structure spins the air flowing through to effectively separate the liquid from the air and reliably filter the solid grain.
5. The filtering grade includes 5μm and 40μm (optional).
6. Two drain types are available: semi-auto drain and automatic drain.
7. Three material of bowl are available: PC, Nylon and metal.
8. The bracket can be selected for installation.

Preparation unit—GA Series

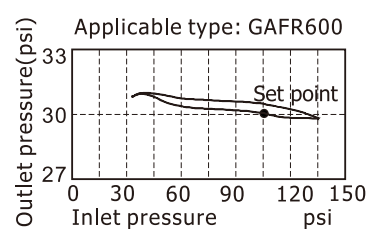
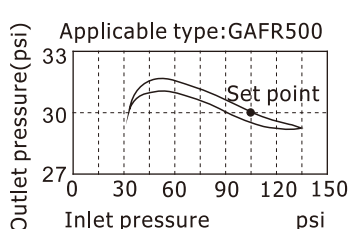
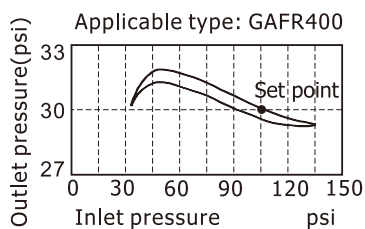
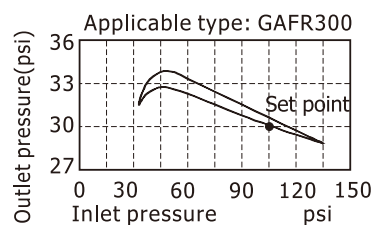
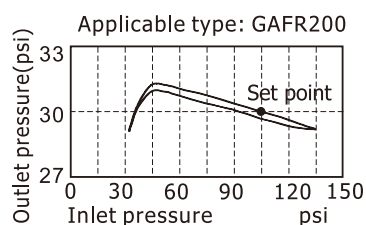
GAFR Series Filter & regulator

Specification

Model	GAFR20006	GAFR20008	GAFR30008	GAFR30010	GAFR30015	GAFR40010	GAFR40015	GAFR50020	GAFR60020	GAFR60025
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	40μm or 5μm									
Pressure range	20~130psi(0.15~0.9MPa)									
Max. pressure	145psi(1.0MPa)									
Proof pressure	215psi(1.5MPa)									
Temperature range	-5~70℃(Unfreeze)									
Capacity of drain bowl	25CC		60CC			100CC		108CC	205CC	
Weight	290g		500g			880g		950g	1880g	

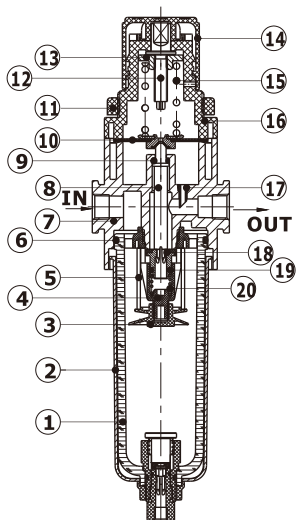
[Note1] NPT thread is available.

Pressure chart

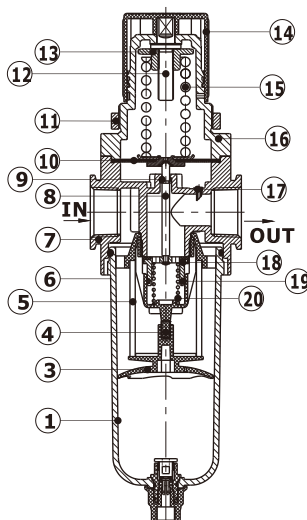


Inner structure

GAFR200



GAFR600

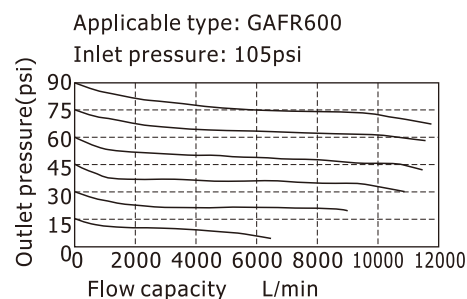
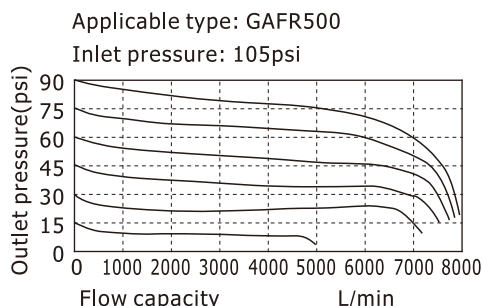
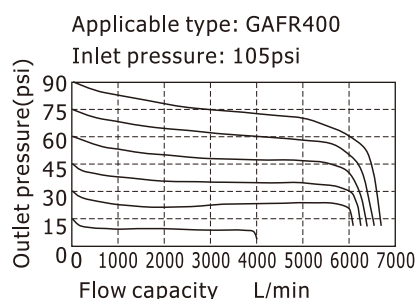
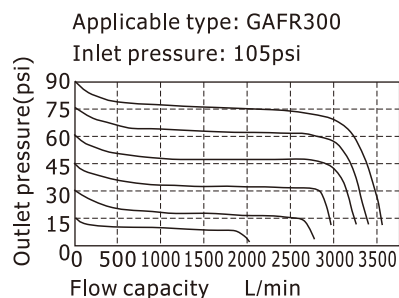
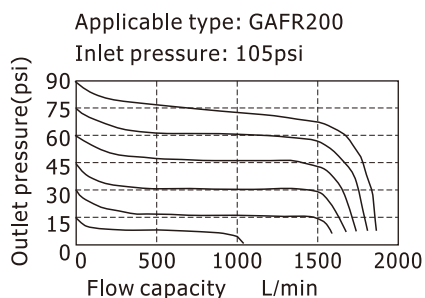


No.	Item
1	Drain bowl
2	Meter cover
3	Umbrella baffle
4	Air guider
5	Filter core
6	O-ring
7	Body of filter-regulator
8	Adjusting spool
9	O-ring
10	Diaphragm
11	Fixation ring cap
12	Adjusting spindle
13	Regulator nut
14	Pressure knob
15	Spring
16	Adjusting seat
17	Feedback tube
18	Adjusting plug
19	O-ring
20	Spring

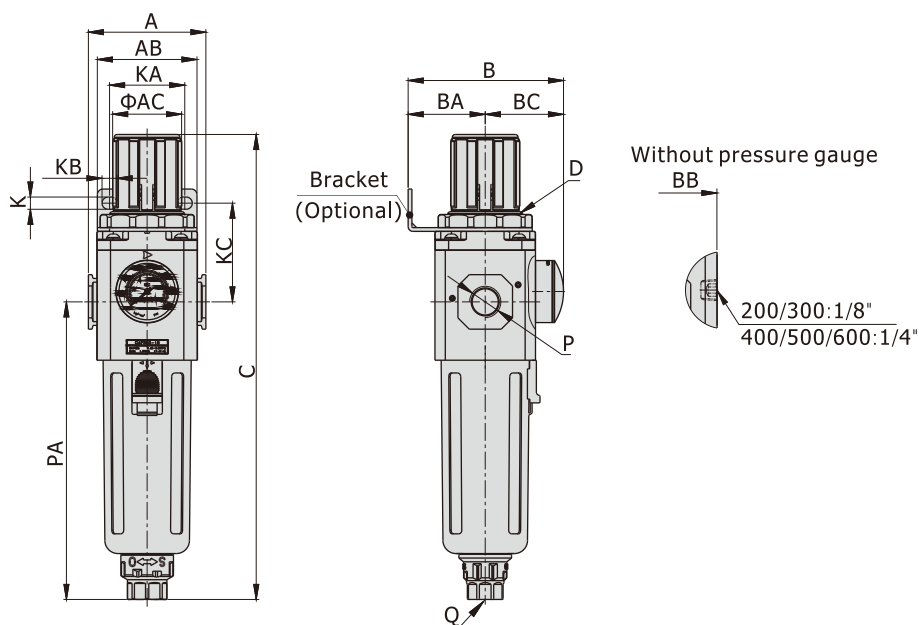
Preparation unit—GA Series

GAFR Series Filter & regulator

Flow chart



Dimensions



[Unit: mm]

Model\Item	A	AB	AC	B	BA	BB	BC	C	D	K	KA	KB	KC	P	PA	Q
GAFR200-06	52.5	55	31	69	30	51.5	39	192.5	M33x1.5	5.4	34	15.4	52	1/8"	120	M5X0.8
GAFR200-08	52.5	55	31	69	30	51.5	39	192.5	M33x1.5	5.4	34	15.4	52	1/4"	120	M5X0.8
GAFR300-08	62.5	53	38	82.5	41	67.5	41.5	247	M40x1.5	6.5	40	8	52.5	1/4"	158	G1/4
GAFR300-10	62.5	53	38	82.5	41	67.5	41.5	247	M40x1.5	6.5	40	8	52.5	3/8"	158	G1/4
GAFR300-15	62.5	53	38	82.5	41	67.5	41.5	247	M40x1.5	6.5	40	8	52.5	1/2"	158	G1/4
GAFR400-10	80	72	52	99	50	84	49	285.5	M55x2.0	8.5	55	11	57	3/8"	177.5	G1/4
GAFR400-15	80	72	52	99	50	84	49	285.5	M55x2.0	8.5	55	11	57	1/2"	177.5	G1/4
GAFR500-20	82	72	52	100	50	85	50	299.5	M55x2.0	8.5	55	11	57	3/4"	191.5	G1/4
GAFR600-20	100	90	59	128	70	113	58	336.5	M62x1.5	11	66	13	76	3/4"	205	G1/4
GAFR600-25	100	90	59	128	70	113	58	336.5	M62x1.5	11	66	13	76	1"	205	G1/4