

Preparation unit—G Series

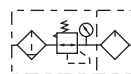
AIRTAC

GFC Series F.R.L. combination

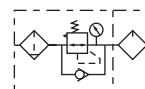


Symbol

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. Three drain types are available: manual drain, semi-auto drain and automatic drain.

Specification

Model		GFC200-06	GFC200-08	GFC300-08	GFC300-10	GFC300-15	GFC400-10	GFC400-15	GFC600-20	GFC600-25
Fluid		Air								
Port size [Note1]		1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Filtering grade		40 μm or 5 μm								
Pressure range		Semi-auto and automatic drain:0.15~0.9MPa(20~130psi); Manual drain:0.05~0.9MPa(7~130psi)								
Max. pressure		1.0MPa(145psi)								
Proof pressure		1.5MPa(215psi)								
Temperature range		-5~70°C(Unfreeze)								
Capacity of drain bowl		10CC		40CC			80CC		230CC	
Capacity of oil bowl		25CC		75CC			160CC		380CC	
Recommended lubricant		ISO VG 32 or equivalent								
Weight		430g		980g			1950g		4320g	
Constitute	Filter-Regulator	GFR200-06	GFR200-08	GFR300-08	GFR300-10	GFR300-15	GFR400-10	GFR400-15	GFR600-20	GFR600-25
	Lubricator	GL200-06	GL200-08	GL300-08	GL300-10	GL300-15	GL400-10	GL400-15	GL600-20	GL600-25

[Note1] PT thread, G thread and NPT thread are available.

Ordering code

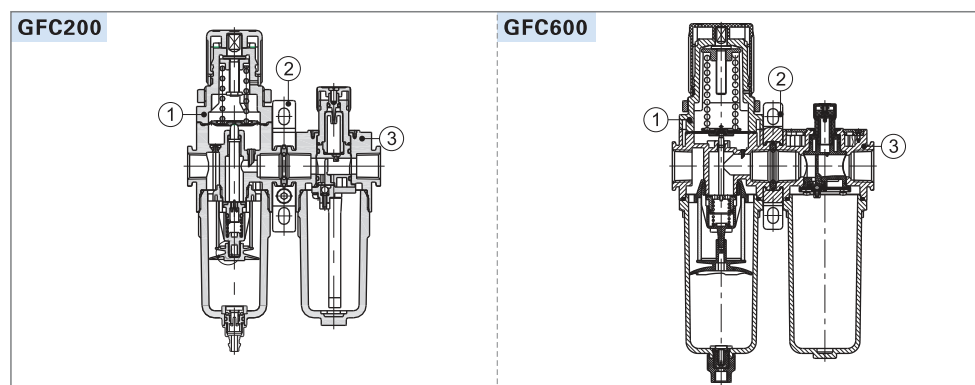
GFC200 08 M L □ F 1 W G K

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①Model	②Port size	③Drain type	④Type code	⑤Pressure gauge	⑥Pressure gauge shape	⑦Scale	⑧Filtering grade	⑨Thread type	⑩Code of reflux valve [Note2]
GFC200: G200 Series FR.L unit	06: 1/8" 08: 1/4"	Blank: Semi-auto drain M: Manual drain	Blank: Standard L: Lower pressure [Note1]	Blank: Pressure gauge N: No pressure gauge	F: Square C: Circular	1: MPa 2: psi 3: bar	Blank:40 μm W: 5 μm	Blank: PT G: G T: NPT	Blank: No reverse flow valve is attached K: Reverse flow valve is attached
GFC300: G300 Series FR.L unit	08: 1/4" 10: 3/8" 15: 1/2"	Blank: Semi-auto drain M: Manual drain A: Automatic drain							
GFC400: G400 Series FR.L unit	10: 3/8" 15: 1/2"								
GFC600: G600 Series FR.L unit	20: 3/4" 25: 1"								

[Note1] The maximum work pressure of lower pressure type is 0.4MPa(58psi); [Note2] Please refer to page 173 for details of reflux valve.

Inner structure



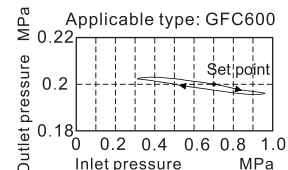
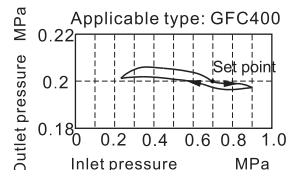
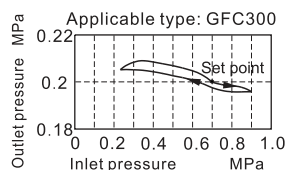
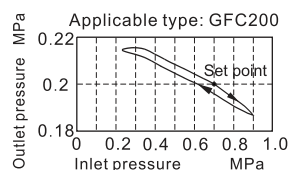
No.	Item
1	G series filter-regulator
2	Bracket
3	G series lubricator



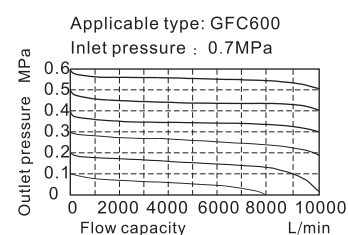
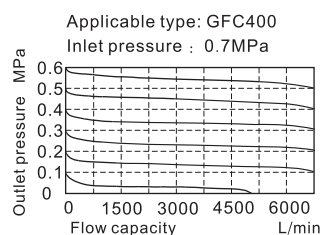
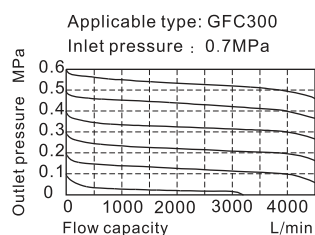
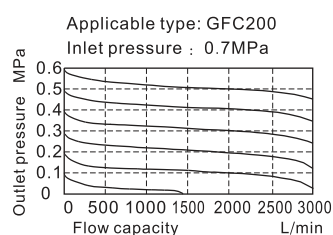
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Pressure chart

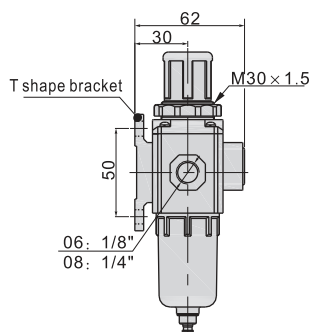
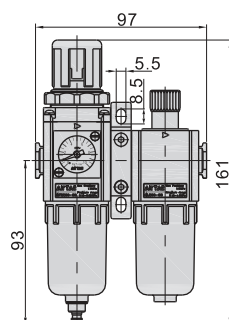


Flow chart

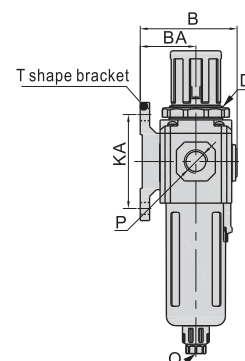
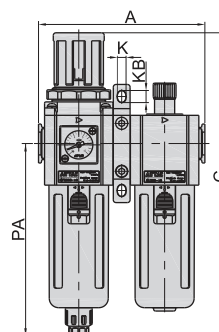


Dimensions

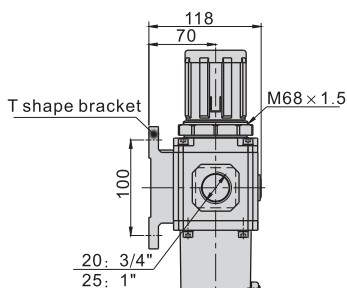
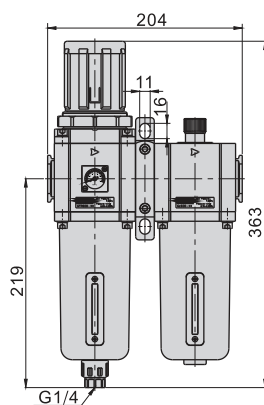
GFC200



GFC300\GFC400



GFC600



Model\Item	A	B	BA	C	D	K	KA	KB	P	PA	Q
GFC300-08	124	72	41.5	225.5	M40x1.5	6.5	70	9	1/4"	143	G1/8
GFC300-10	124	72	41.5	225.5	M40x1.5	6.5	70	9	3/8"	143	G1/8
GFC300-15	124	72	41.5	225.5	M40x1.5	6.5	70	9	1/2"	143	G1/8
GFC400-10	164	89	50	270.5	M55x2.0	8.5	80	12	3/8"	166.5	G1/4
GFC400-15	164	89	50	270.5	M55x2.0	8.5	80	12	1/2"	166.5	G1/4