

Specification

Model	GFR200 -06	GFR200 -08	GFR300 -08	GFR300 -10	GFR300 -15	GFR400 -10	GFR400 -15	GFR600 -20	GFR600 -25
Fluid	Air								
Port size	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Filtering grade	40 μ m or 5 μ m								
Pressure range	Semi-auto and automatic drain : 0.15~0.9MPa(20~130Psi) Manual drain: 0.05~0.9MPa(7~130Psi)								
Proof pressure	1.5 MPa(215Psi)								
Temperature range	-20~70°C								
Capacity of drain bowl	10CC		40CC		80CC		230CC		
Weight	220g		500g		1030g		2400g		

Ordering Code

MGFR200 — 08 — M — L — □ — □ F 1 — W — G — K											
Model		Port size		Drain type		Pressure gauge		Filtering grade		Thread	
				Blank: Semi-auto drain		Blank: Pressure gauge		Blank: 40 μm		G: G	
				M: Manual drain		N: No pressure gauge		W: 5 μm		P: PT	
GFR200: G200 Series filter-regulator		06: 1/8" 08: 1/4"		A: Automatic drain ①							
				Accessories		Scale		Code of reflux valve			
				Blank: Bracket J: No bracket		1: MPa 2: psi 3: bar		Blank: No reflux valve is attached			
GFR300: G300 Series filter-regulator		08: 1/4" 10: 3/8" 15: 1/2"		Type code		Pressure gauge shape					
				Blank: Standard L: Lower pressure ^②		F: Square C: Circular					
GFR400: G400 Series filter-regulator		10: 3/8" 15: 1/2"									
GFR600: G600 Series filter-regulator		20: 3/4" 25: 1"									

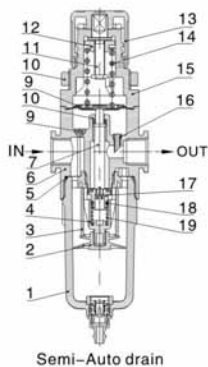
① The function of automatic drain is not available for GFR200 series;

② The maximum work pressure of lower pressure type is 0.4MPa(58psi).

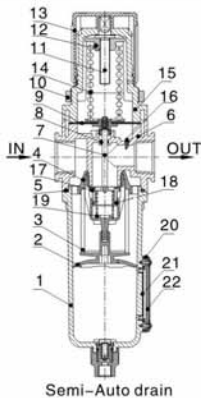
Inner structure and material of major parts

Selection of drain mode

GFR200



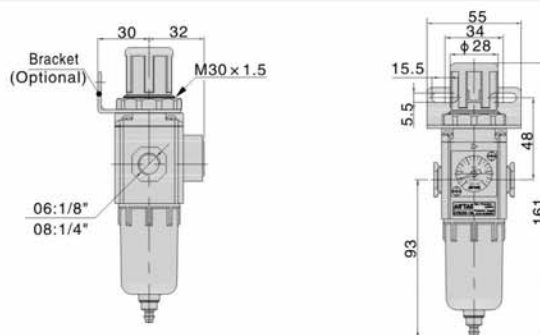
GFR600



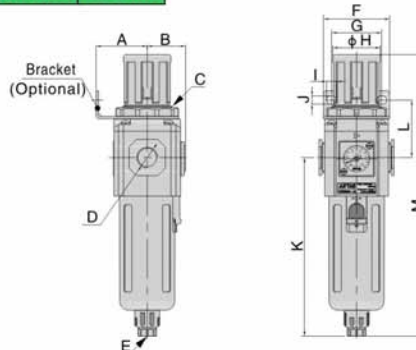
G200		G300		G400	G600
Manual drain	Semi-auto drain	Manual drain	Semi-auto drain	Automatic drain	
PU tube with an inner diameter of $\phi 5$ or $\phi 5.5\text{mm}$ is recommended		G300:G1/8 G400/600:G1/4		G300:G1/8 G400/600:G1/4	

Dimensions

GFR200



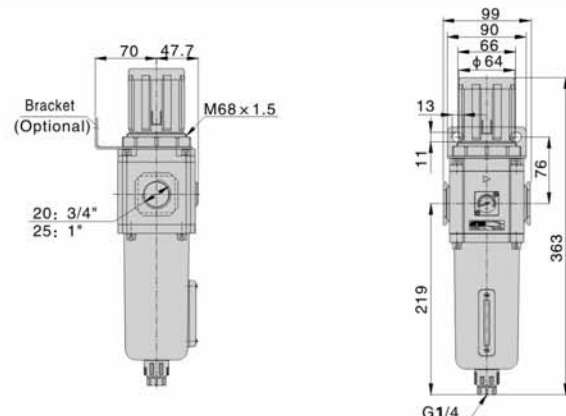
GFR300 GFR400



Model/Item	A	B	C	D	E	F
GFR300-08	41	31	M40 x 1.5	1/4"	G1/8	53
GFR300-10	41	31	M40 x 1.5	3/8"	G1/8	53
GFR300-15	41	31	M40 x 1.5	1/2"	G1/8	53
GFR400-10	50	40	M55 x 2.0	3/8"	G1/4	72
GFR400-15	50	40	M55 x 2.0	1/2"	G1/4	72

Model/Item	G	H	I	J	K	L	M
GFR300-08	40	38	8	6.5	143	46	225.5
GFR300-10	40	38	8	6.5	143	46	225.5
GFR300-15	40	38	8	6.5	143	46	225.5
GFR400-10	52	52	11	8.5	166.5	53	270.5
GFR400-15	52	52	11	8.5	166.5	53	270.5

GFR600



NO	Item	Material
1	Drain bowl	Aluminum alloy (GFR600) PC(Other)
2	Umbrella baffle	High viscosity POM
3	Filter core	Agglomerated by bronze grain(40 μ m) Agglomerated by bronze grain(GFR600) Makrolon fiber: (5 μ m)
4	Air guider	High viscosity POM
5	O-ring	NBR
6	Body of filter & regulator	Aluminum alloy
7	Adjusting spool	Brass(GFR600)\POM(other)
8	O-ring	NBR
9	Diaphragm	SUS304 & Rubber
10	Fixation ring cap	Aluminum alloy (GFR600) \PC(Other)
11	Adjusting spindle	Steel
12	Regulator nut	Steel
13	Pressure knob	POM
14	Spring	SWC
15	Adjusting Seat	Aluminum alloy (GFR600)\PC(Other)
16	Feedback tube	POM
17	Adjusting plug	Brass & Rubber
18	O-ring	NBR
19	Spring	SUS304
20	Liquid meter cover	SPCC
21	Liquid meter seal	VITON
22	Liquid meter inside cover	PC