

Preparation unit—Regulator

GR Series

AIRTAC



■ Specification

Model	GR200-06	GR200-08	GR300-08	GR300-10	GR300-15	GR400-10	GR400-15	GR600-20	GR600-25
Fluid	Air								
Port size	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Pressure range	0.05~0.9MPa(20~130Psi)								
Proof pressure	1.5 MPa(215Psi)								
Temperature scope	-20~70℃								
Weight	160g		350g		720g		1700g		

■ Ordering code

GR200 — 08 — L — □ — □ F 1 — P — K									
Model		Port size		Accessories		Scale		Code of reflux valve	
GR200: G200 Series Regulator		06: 1/8"		Blank: Bracket		1: MPa		Blank: No reflux valve is attached	
GR300: G300 Series Regulator		08: 1/4"		J: No bracket		2: psi		K: Reflux valve is attached	
GR400: G400 Series Regulator		10: 3/8"		Type code		Pressure gauge shape			
GR600: G600 Series Regulator		15: 1/2"		Blank: Standard		F: Square			
		20: 3/4"		L: Lower pressure ^①		C: Circular			
		25: 1"							

① The maximum work pressure of lower pressure type is 0.4MPa(58psi).

■ Symbol

No reflux valve is attached



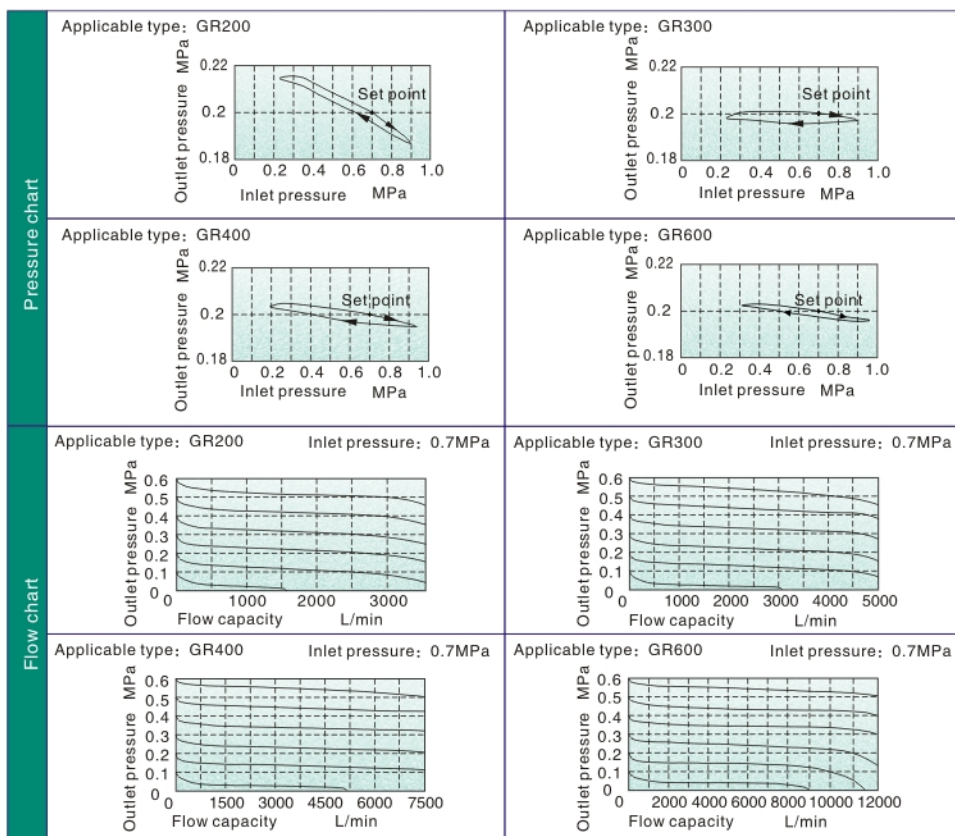
Reflux valve is attached



■ Product feature

1. Embedded square pressure gauge is used to save installation space. (External circular pressure gauge is also optional.)
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. In addition to panel installation, the bracket is optional for installation;
5. In addition to standard type, lower pressure type is optional (the highest adjustable pressure is 0.4MPa).

■ Pressure and feature of flow

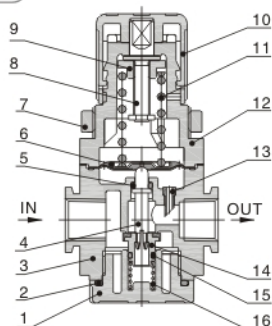


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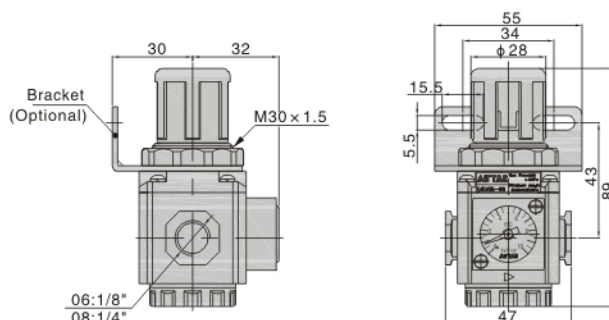
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Inner structure and Material of major parts ■ Dimensions

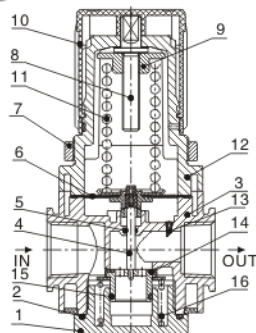
GR200



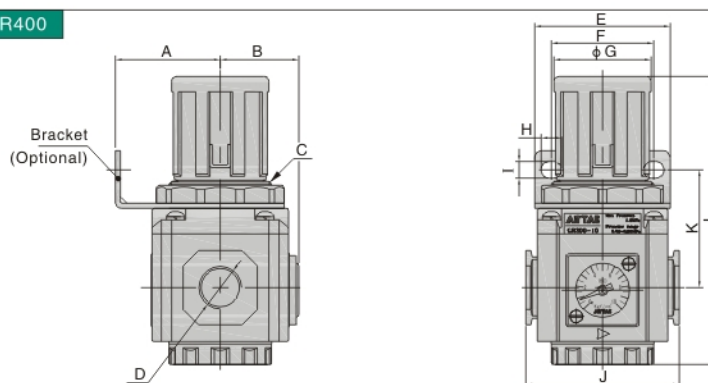
GR200



GR600



GR300 GR400



NO.	Item	Material
1	Valve cap	Aluminum alloy
2	O-ring	NBR
3	Body	Aluminum alloy
4	Spool	Brass(GR600)\POM(other)
5	O-ring	NBR
6	Diaphragm	SUS304 & Rubber
7	Fixed ring	Aluminum alloy(GR600)\POM(other)
8	Adjusting spindle	Steel
9	Regulator nut	Steel
10	Pressure knob	POM
11	Pressure spring	SWC
12	Adjusting seat	Aluminum alloy(GR600)\POM(other)
13	Feed back tube	POM
14	Pressure plug	Brass & Rubber
15	O-ring	NBR
16	Spring	Stainless steel

Model/Item	A	B	C	D	E	F	G	H	I	J	K	L
GR300-08	41	31	M40 x 1.5	1/4"	53	40	38	8	6.5	60	46	112.5
GR300-10	41	31	M40 x 1.5	3/8"	53	40	38	8	6.5	60	46	112.5
GR300-15	41	31	M40 x 1.5	1/2"	53	40	38	8	6.5	60	46	112.5
GR400-10	50	40	M55 x 2.0	3/8"	72	55	52	11	8.5	80	53	140.5
GR400-15	50	40	M55 x 2.0	1/2"	72	55	52	11	8.5	80	53	140.5

GR600

