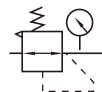


GPR Series Precision Regulator



Ordering code

GPR300 08 H □ □ T

① ② ③ ④ ⑤ ⑥

① Model	② Port size	③ Regulating pressure range
GPR200: 00 Series Precision Regulator	06: 1/8"	L: 0.005~0.2MPa M: 0.01~0.4MPa
GPR300: 300 Series Precision Regulator	08: 1/4"	H: 0.01~0.8MPa
GPR400: 400 Series Precision Regulator	08: 1/4" 10: 3/8" 15: 1/2"	L: 0.01~0.2MPa M: 0.01~0.4MPa H: 0.01~0.8MPa
④ Accessories	⑤ Pressure gauge	⑥ Thread type [Note1]
Blank: Bracket J: No bracket	Blank: With pressure gauge N: Without pressure gauge	T: NPT(Scale:bar/psi)

[Note1] Please consult us for special correspondence.

Specification

Model	GPR20006	GPR30008	GPR40008	GPR40010	GPR40015
Fluid	Air				
Port size [Note1]	1/8"	1/4"	1/4"	3/8"	1/2"
Max.supply pressure	1.0MPa				
Operating pressure	Lower pressure	0.005~0.2MPa		0.01~0.2MPa	
	Medium pressure	1.5~58psi(0.01~0.4MPa)			
	High pressure	1.5~116psi(0.01~0.8MPa)			
Sensitivity	Within 0.2%F.S.				
Repeatability	Within ±0.5%F.S.				
Air consumption (ANR)	≤4L/min	≤4L/min	≤9.5L/min	≤11.5L/min	
Temperature range	-20~70°C(Unfreeze)				
Weight	144g	336g	717g		

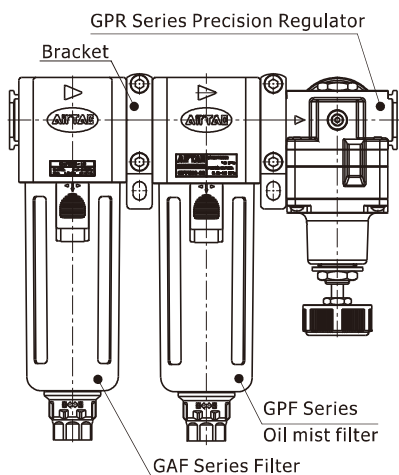
[Note1] NPT thread is available.

Product feature

1. High pressure regulating accuracy and rapid-response.
2. Good pressure and flow chart.
3. Easy installation, it can be installed independently by bracket or directly with existing filter combination components of module type[Note1].
4. In addition to high pressure type, the type of medium pressure and lower pressure can be selected.

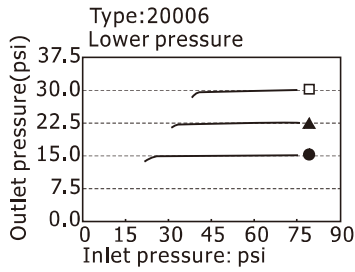
[Note1] Condensate or dust, etc. in the supply pressure line can cause malfunctions. In addition to an air filter(AirTAC GAF series), please use a mist separator (AirTAC GPF series) depending on the conditions.

Combination example:

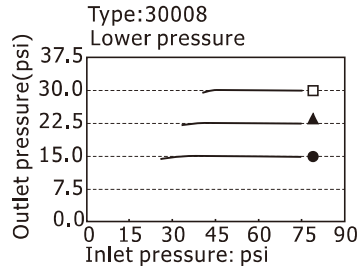


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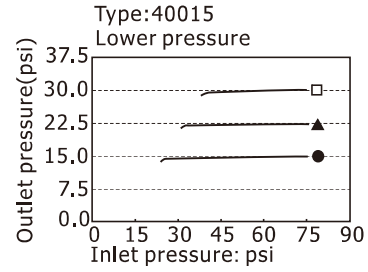
Pressure chart



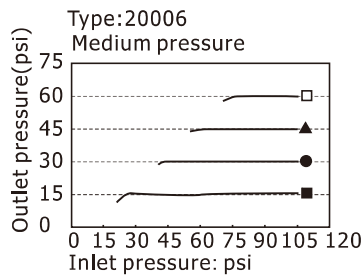
● Pressure set point:15,0psi



▲ Pressure set point:22,5psi



□ Pressure set point:30,0psi

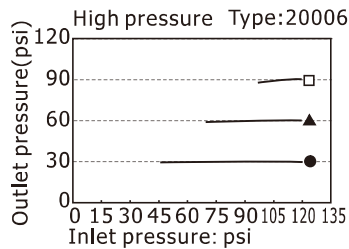
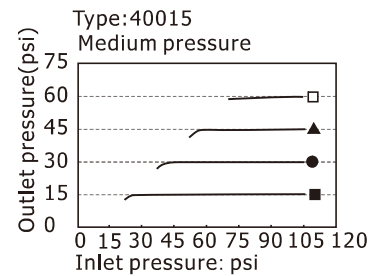
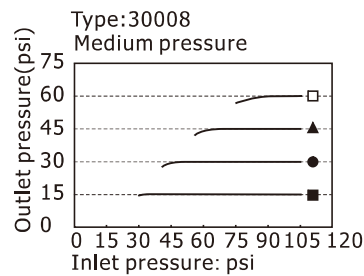


■ Pressure set point:15psi

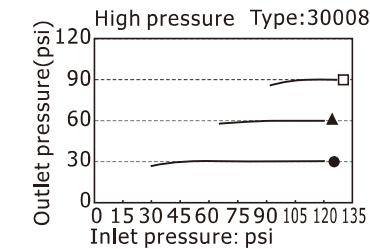
● Pressure set point:30psi

▲ Pressure set point:45psi

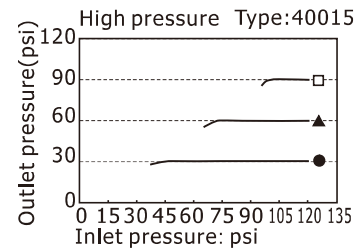
□ Pressure set point:60psi



● Pressure set point:30psi



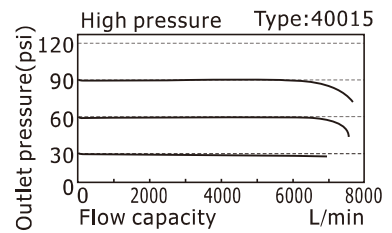
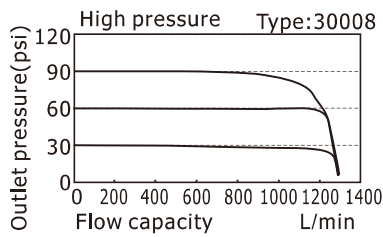
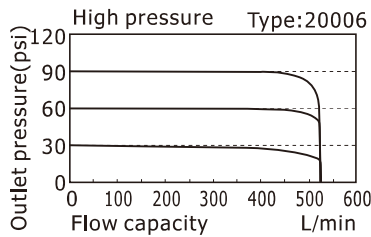
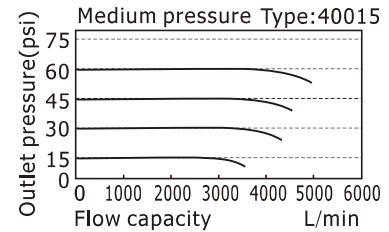
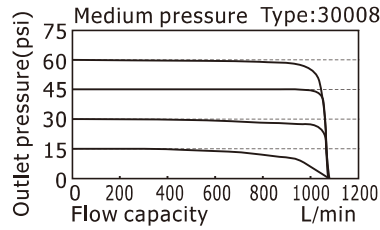
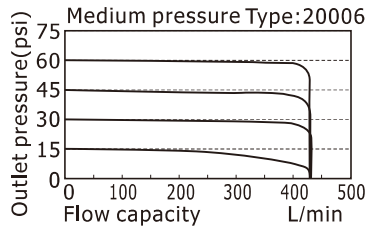
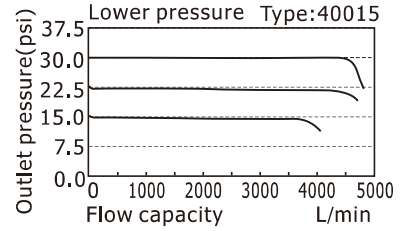
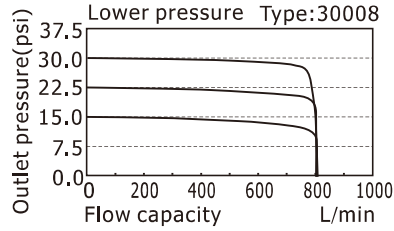
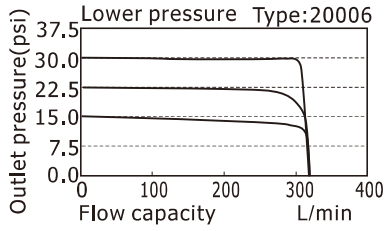
▲ Pressure set point:60psi



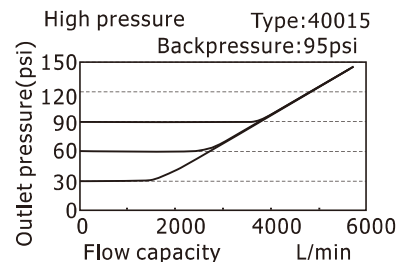
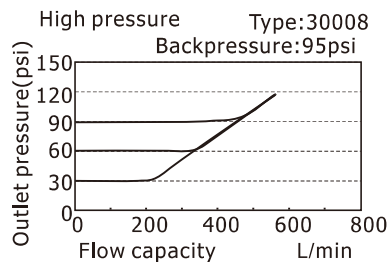
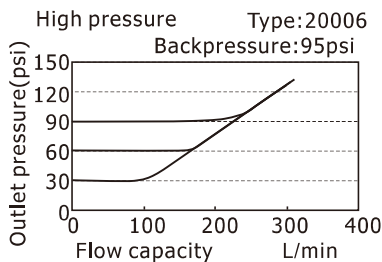
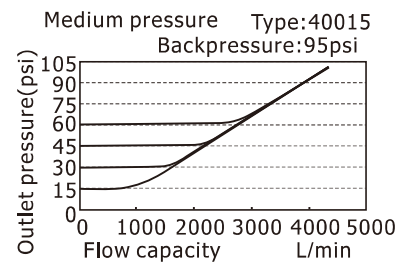
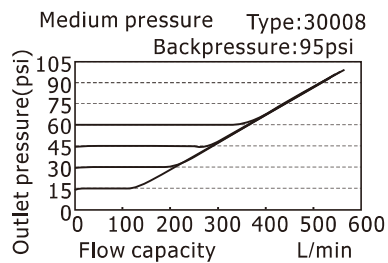
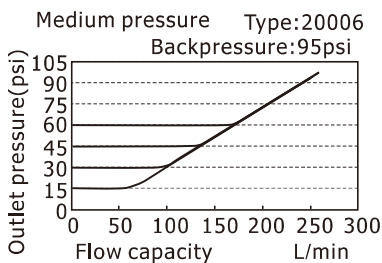
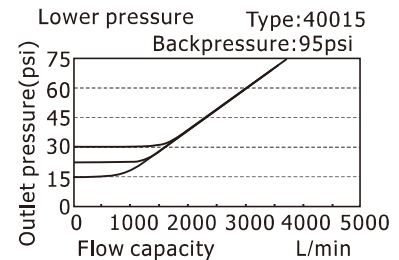
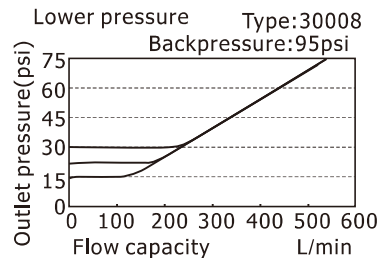
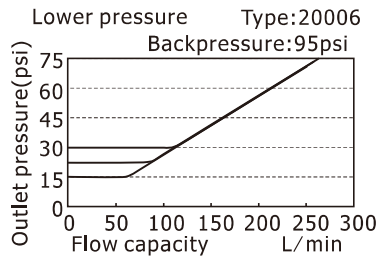
□ Pressure set point:90psi

GPR Series Precision Regulator

Flow chart



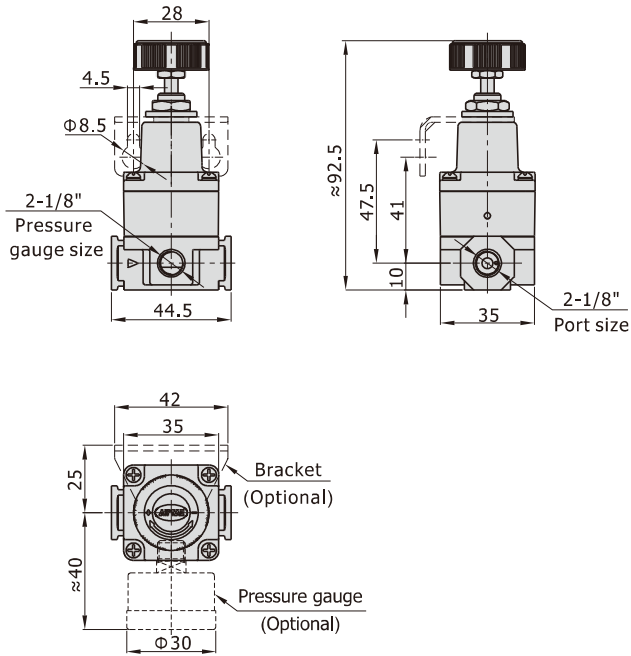
Overflow chart



GPR Series Precision Regulator

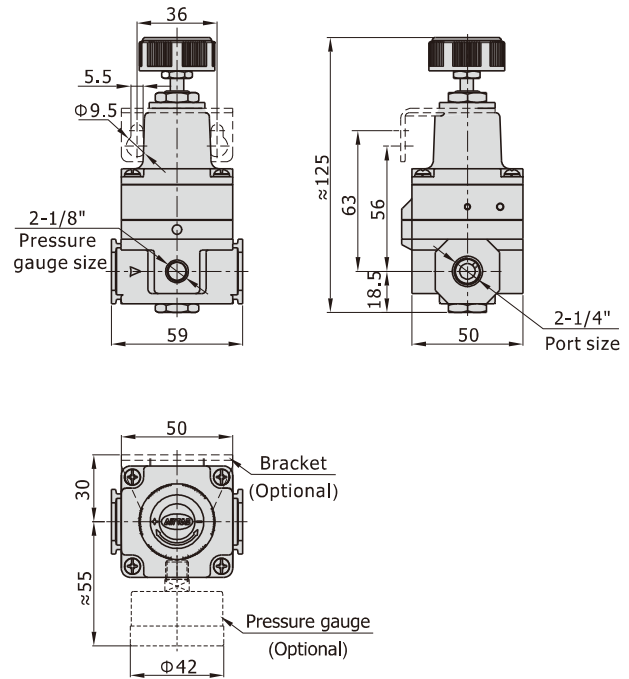
Dimensions

GPR200



GPR300

[Unit: mm]



GPR400

