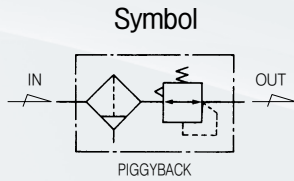


PP5 Series Piggyback Filter/Regulator 3/4" and 1"



Standard Specifications

Fluid	Air	
Max.operating pressure (MPa)	1.0(140psi)	
Proof pressure (MPa)	1.5(200psi)	
Set pressure range (MPa)	Standard	0.05 ~ 1.0(7~140psi)
	Made to order specifications	0.05 ~ 0.2(7~30psi)
		0.04 ~ 0.4(7~60psi)
		0.05 ~ 1.5(7~200psi)
Ambient and fluid temperature (°C)	-5 ~ 60(23~140°F) (Non-freezing)	
Flow capacity ※ (Nℓ/min)	3/4"	9,400(332scfm)
	1"	9,900(350scfm)
Filtration (μm)	5	
Construction	Relieving style	
Bowl material	Polycarbonate	
Bowl guard material	Nylon	
Drain capacity (cm ³)	Manual drain:156(5.27oz), Auto drain:174(5.88oz)	
Weight (kg)	2.39(5.27lb)	

※ Test conditions : Supply pressure 0.7 MPa(100psi), Set pressure 0.6 MPa(90psi)

How to order

PP 5 — ***** **10 B D G** — *****

Series (Piggyback Unit)

Thread

Blank	Rc(PT)
N	NPT
G	G(PF)

Port size

06	3/4
10	1

Bracket Options

Blank	None
B	Bracket + Panel nut
B1	Panel nut

Note2) Separately packed, Not assembled.

Other Options

Blank	Set at 0 to 1.0 MPa(140psi), 5μm (Standard)	J4	Filter element - 40μm	Note1)
2	Set at 0 to 0.2 MPa(30psi)	K	Built-in Check Valve	
4	Set at 0 to 0.4 MPa(60psi)	R	Flow direction : Right → Left	Note1,2)
15	Set at 0 to 1.5 MPa(200psi)	T	Tamper Resistant Kit	
E	Non-relieving type	XC16	Copper-free	
J2	Filter element - 20μm			

Note1) Refer to page 85 for Built-in Check valve, Tamper resistant kit.

※ If ordering more than one option, indicate symbols numerically then alphabetically Ex) 2EK

※ Over Max. pressure value can be set.

Pressure Gauge

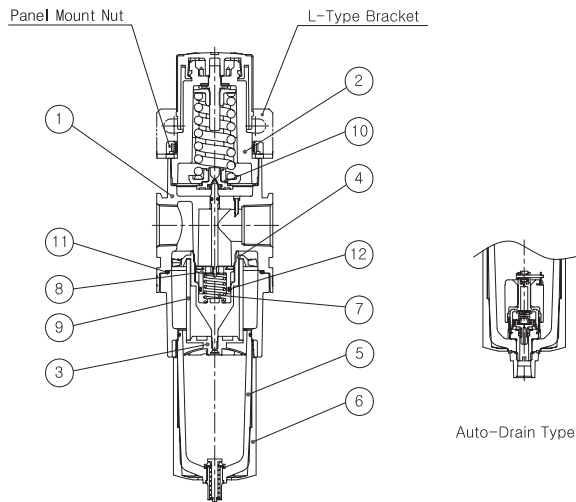
Symbol	Description	Pressure range
Blank	No-gauge	
G	Integral pressure gauge (W/Limit Indicator)	1.0MPa(140psi)
P	Pressure gauge	1.0MPa(140psi)
P2	Pressure gauge	0.2MPa(30psi)
P4	Pressure gauge	0.4MPa(60psi)

Drain Options

Blank	Manual Push Drain	Note3)
D	Auto Drain (N.O Type)	

Note3) Min.operating pressure is 0.15MPa (20psi) for Auto Drain (N.O Type)

Construction



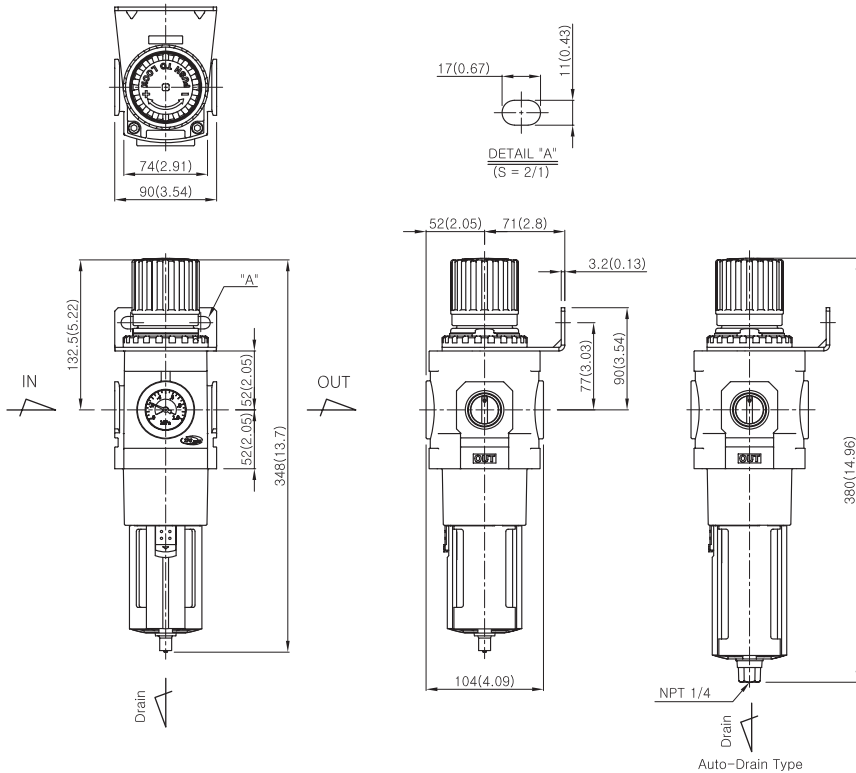
Main Parts / Parts List

No.	Description	Material	Remarks
①	Body	Aluminum	
②	Bonnet	Aluminum	
③	Baffle	Acetal	
④	Deflector	Nylon	
⑤	Bowl	Polycarbonate	
⑥	Bowl guard	Nylon	
⑦	Valve Spring	Stainless steel	

Replacement Parts / Parts List

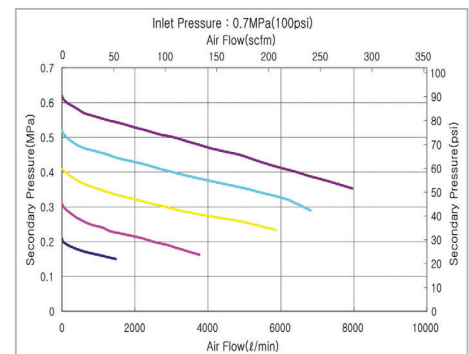
No.	Description	Material	Part No.
⑧	Valve ass'y	Brass+NBR	PP5-08A001-01
⑨	Filter element	Polyethylene	PF5-24-005-01
⑩	Diaphragm ass'y	Aluminum+NBR	PR5-11A001-01
⑪	Bowl O-ring	NBR	TAF4000-08-6000
⑫	Valve O-ring	NBR	P21-01

Dimensions



Flow Characteristics

▶ 3/4" PP5



▶ 1" PP5

