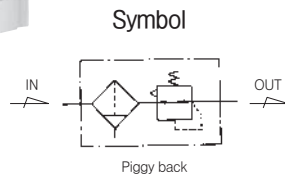


Series PP3

Piggyback 1/4" and 3/8"



Standard Specifications

Fluid		Air
Max. Operating Pressure (MPa)		1.0(140psi)
Proof Pressure (MPa)		1.5(200psi)
Set Pressure (MPa)	Standard	0.05~1.0(7~140psi)
	Made to Order Specifications	0.05~0.2(7~30psi), 0.05~0.4(7~60psi), 0.05~1.2(7~170psi)
Ambient and Fluid Temperature (°C)		-5~60(23~140°F) (Non-freezing)
Flow Capacity ※ (N l /min)	1/4 "	2,100(74scfm)
	3/8 "	2,600(92scfm)
Filtration (μm)		5
construction		Relieving Style
Bowl Material		Polycarbonate
Bowl Guard Material		Nylon
Drain Capacity (cm)		Manual Drain : 38(1.28oz), Auto Drain : 30(1.01oz)
Weight (kg)		0.49(1.08lb)

※ Test conditions : Supply pressure 0.7MPa(100psi), pre-set pressure 0.6MPa(90psi)

How to Order

PP 3 — * 03 B D G — *

Series
(Piggyback Unit)

Thread

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

Port Size

02	1/4
03	3/8

Bracket Option

Blank	None
B	Bracket + Panel Nut
B1	Panel Nut

Note2) Separately packed, Not assembled.

Other Option

Blank	Set at 0 to 1.0 MPa, 5μm (Standard)
2	Set at 0 to 0.2 MPa
4	Set at 0 to 0.4 MPa
12	Set at 0 to 1.2 MPa
E	Non-Relieving Type
J2	Filter element - 20μm
Q1	Metal Bowl With/Sight Glass
Q2	Metal Bowl NO Sight Glass
J4	Filter element - 40μm
K	Built-in Check Valve
R	Flow Direction : Right → Left
T	Tamper Resistant Kit
XC16	Copper-free

Note1)

Note1,2)

Note1) Refer to page 935 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	None	
G	Integral Pressure Gauge (W/Limit Indicator)	1.0MPa
P	Pressure Gauge	1.0MPa
P2	Pressure Gauge	0.2MPa
P4	Pressure Gauge	0.4MPa

Drain Option

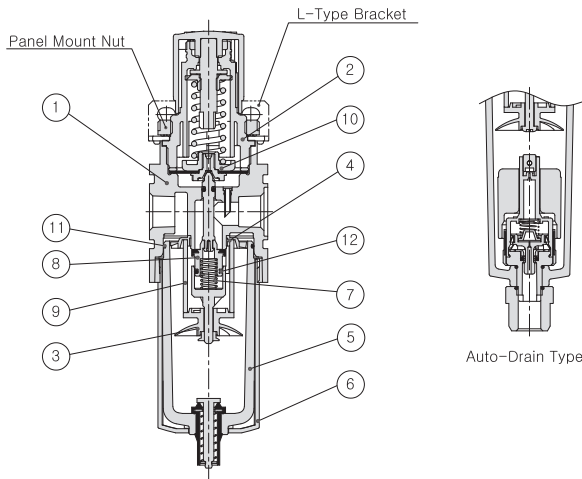
Blank	Manual Push Drain
D	Auto Drain (N.O Type)

Note3)

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

Series PP3

Construction



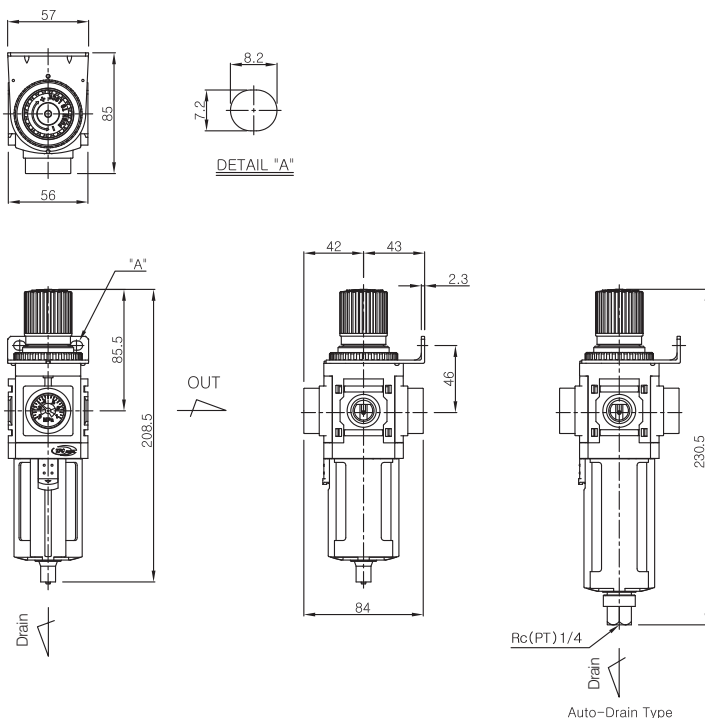
Main Parts/Parts List

No.	Description	Material	Remark
①	Body	Aluminum	
②	Bonnet	Nylon	
③	Baffle	Acetal	
④	Deflector	Nylon	
⑤	Bowl	Polycarbonate	
⑥	Bowl Guard	Nylon	
⑦	Valve Spring	Stainless Steel	

Replacement Parts/Parts List

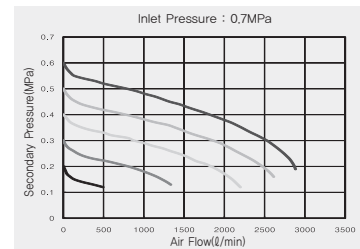
No.	Description	Material	Part No.
⑧	Valve Ass'y	Nylon+NBR	PP3-08A001-01
⑨	Filter Element	Polyethylene	PF3-24-005-01
⑩	Diaphragm Ass'y	Nylon+NBR	PR3-11A001-01
⑪	Bowl O-ring	NBR	PL3-04-001-01
⑫	Valve O-ring	NBR	P10-01

Dimensions

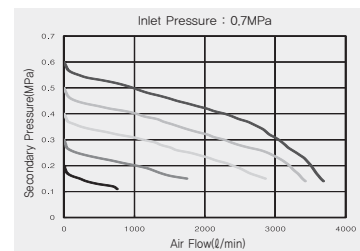


Flow Characteristics

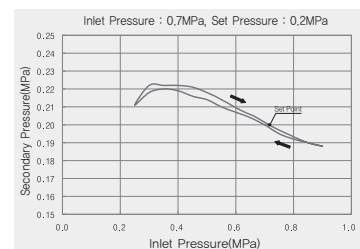
▶ 1/4" PP3



▶ 3/8" PP3



Pressure Characteristics



PC2

PF2

PR2

PL2

PP2

PC3

PF3

PR3

PL3

PP3

PC4

PF4

PR4

PL4

PP4

PC5

PF5

PR5

PL5

PP5

PPH(U)2~
PFH(U)5PPH(U)3~
PPH(U)4

PLV

PSH

PCV

MB