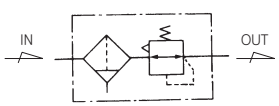
849-887-PC2-4 2012.9.7 4:36 PM 페이지862 한국원색인쇄사

Series PP2

Piggyback 1/8″and 1/4″

Symbol



Filter Regulator

▣ 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)
Ambient and Fluid Temperature (℃)		−5~60(23~140°F)(NOn−freezing)
Flow Capacity ※ (N ℓ /min)	1/8″	1,200(42scfm)
	1/4″	1,300(46scfm)
Filtration (㎛)		Standard : 5
Construction		Relieving Style
Bowl Material		Polycarbonate
Bowl Guard Material		Nylon
Drain Capacity (㎤)		Manual Drain : 15, Auto Drain : 20
Weight (kg)		0.23(0.5lb)

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

▣ How to Order

PP 2 — ✻ 02 B D G — ✻

Series
(Piggyback Unit)

Thread

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

Port Size

01	1/8
02	1/4

Bracket Option

Blank	None	
B	Bracket + Panel Nut	Note2)
B1	Panel Nut	

Note2) Separately packed, Not assembled.

Other Option

Blank	Set at 0 to 1.0 MPa, 5㎛ (Standard)			
2	Set at 0 to 0.2 MPa	K	Built−in Check Valve	Note1)
4	Set at 0 to 0.4 MPa	R	Flow Direction : Right→Left	
E	Non−Relieving Type	T	Tamper Resistant Kit	Note1,2)
J2	Filter element − 20㎛	XC16	Copper−free	
J4	Filter element − 40㎛			

Note1) Refer to page 935 for Built−in Check Valve, Tamper Resistant Kit.
* If ordering more than one option, indicate symbols umerically 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 Option

Blank	Manual Push Drain	
D	Auto Drain (N.O Type)	Note3)
D2	Auto Drain	
D5	Manual Drain	

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

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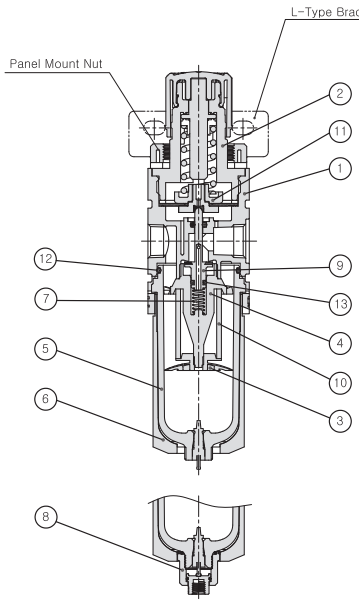
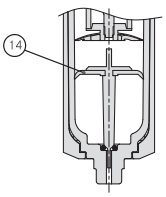
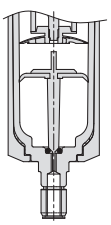
▣ Construction



Manual-Drain Piping Type



Auto-Drain Standard Type



Auto-Drain Piping Type

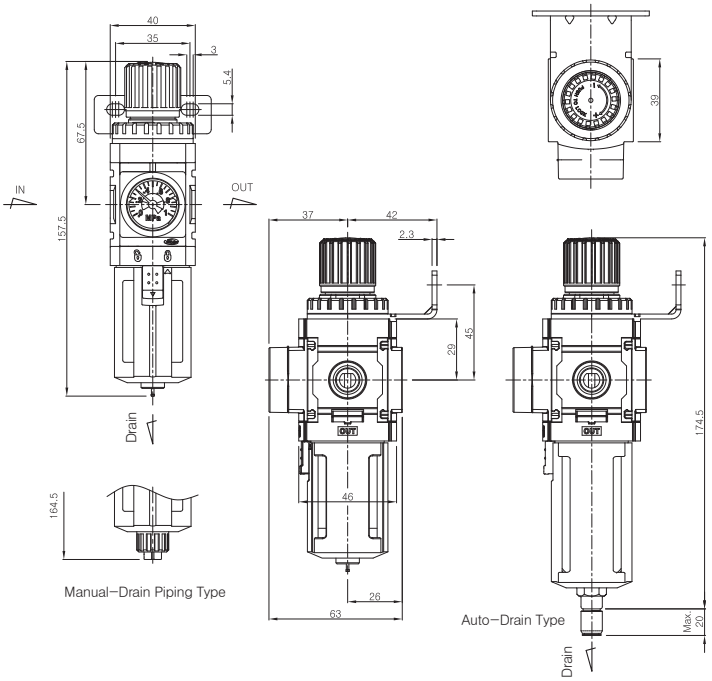
Main Parts/Parts List

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	
⑧	Manual-Drain Pipe Ass'y	-	

Replacement Parts/Parts List

No.	Description	Material	Part No.
⑨	Valve Ass'y	Brass+NBR	PP2-08-001-01
⑩	Filter Element	Polyethylene	PF2-24-005-01
⑪	DiaphrAgm Ass'y	Nylon+NBR	PR2-11A001-01
⑫	Bowl O-ring	NBR	DX2R-53-3000
⑬	Valve O-ring	NBR	S4-01
⑭	Auto Bowl Ass'y (Auto-Drain Assy Included)	-	PF2-26A002-01

▣ Dimensions

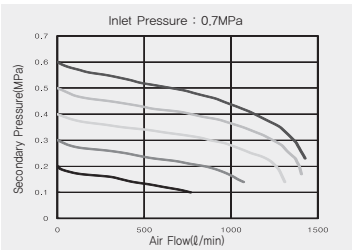


Manual-Drain Piping Type

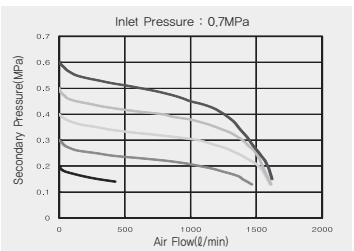
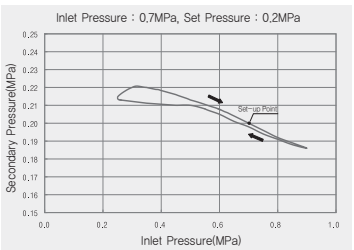
Auto-Drain Type

▣ Flow Characteristics

▶ 1/8″ PP2



▶ 1/4″ PP2



▣ Pressure Characteristics