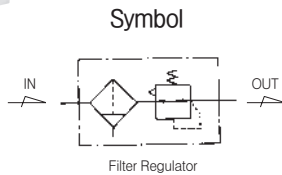


Series PP5

Piggyback 3/4" and 1"



Standard Specifications

| | | |
|------------------------------------|--|---|
| Fluid | Air | |
| Max. Operating Pressure (MPa) | 1.0(140psi) | |
| Proof Pressure (MPa) | 1.5(200psi) | |
| Set Pressure | Standard | 0.05~1.0 |
| Range(MPa) | Madd to Order Specifications | 0.05~0.2(7~30psi), 0.05~0.47(7~60psi), 0.05~1.5(7~200psi) |
| Ambient and Fluid Temperature (°C) | -5~60(23~140° F) (Non-freezing) | |
| Flow Capacity ※ | 3/4" | 9,400(332scfm) |
| (N l /min) | 1" | 9,900(350scfm) |
| Filtration (μm) | 5 | |
| Construction | Relieving Sytle | |
| Bowl Material | Polycarbonate | |
| Bowl Guard Material | Nylon | |
| Drain Capacity (cm) | Manual Drain : 156(5.27oz), Auto Drain : 174(5.88oz) | |
| Weight (kg) | 2.39(5.27lb) | |

※ Test conditions : Supply pressure 0.7MPa(100psi), pre-set pressure 0.6MPa(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 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 | J4 | Filter element - 40μm |
| 4 | Set at 0 to 0.4 MPa | K | Built-in Check Valve |
| 15 | Set at 0 to 1.5 MPa | R | Flow direction : Right- Left |
| E | Non-Relieving Type | T | Tamper Resistant Kit |
| J2 | Filter element - 20μm | XC16 | Copper-free |
| Q1 | Metal Bowl With/Sight Glass | Q2 | Metal Bowl NO Sight Glass |

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 |

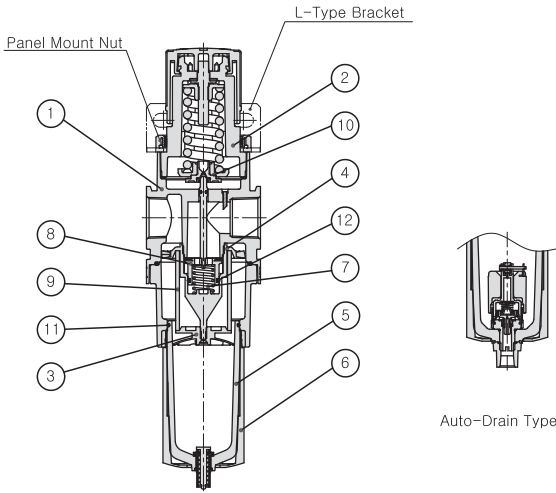
Drain Option

| | |
|-------|-----------------------|
| Blank | Manual Drain |
| D | Auto Drain (N.O Type) |

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

Series PP5

Construction



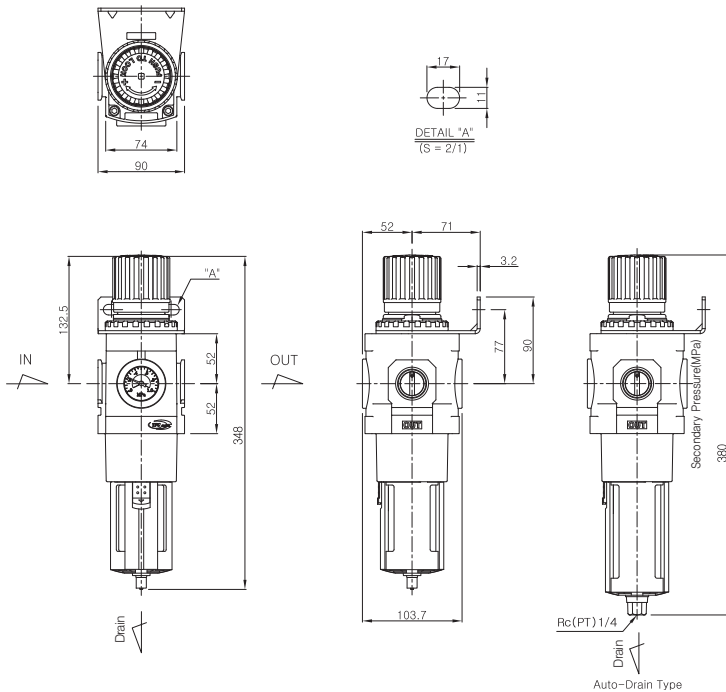
Main Parts/Parts List

| NO. | Description | Material | Remark |
|-----|--------------|-----------------|--------|
| 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

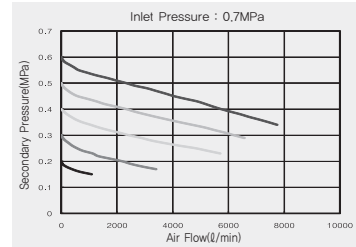
| NO. | Description | Material | Part No. |
|-----|-----------------|--------------|-----------------|
| ⑧ | Valve Ass'y | Brass+NBR | PP5-08A001-01 |
| ⑨ | Filter Element | Polyethylene | PF5-24-005-01 |
| ⑩ | Diaphragm Ass'y | Aluminum+NBR | PR5-11A001-01 |
| ⑪ | Bowl O-ring | NBR | TAF4000-08-6000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

Dimensions

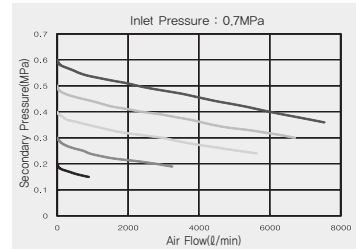


Flow Characteristics

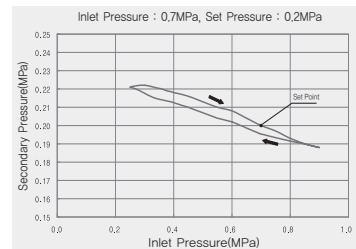
▶ 3/4" PP5



▶ 1" PP5



Pressure Characteristics



PC2

PF2

PR2

PL2

PP2

PC3

PF3

PR3

PL3

PP3

PC4

PF4

PR4

PL4

PP4

PC5

PF5

PR5

PL5

PP5

PFH(U)2~
PFH(U)5

PPH(U)3~
PPH(U)4

PLV

PSH

PCV

MB