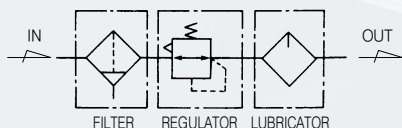


# PC2 Series

## Combinations 1/8" and 1/4"



Symbol



### Standard Specifications

|                                             |                                  |                                      |
|---------------------------------------------|----------------------------------|--------------------------------------|
| Fluid                                       | Air                              |                                      |
| Max. operating pressure (MPa)               | 1.0(140psi)                      |                                      |
| Proof pressure (MPa)                        | 1.5(200psi)                      |                                      |
| Set pressure                                | Standard                         | 0.05 ~ 1.0(7~140psi)                 |
| range (MPa)                                 | Made to order specifications     | 0.05~0.2(7~30psi), 0.05~0.4(7~60psi) |
| Ambient and fluid temperature (°C)          | -5 ~ 60(23~140°F) (Non-freezing) |                                      |
| Flow capacity ※                             | 1/8"                             | 1,000(35scfm)                        |
| (Nℓ/min)                                    | 1/4"                             | 1,300(46scfm)                        |
| Filtration (μm)                             | 5                                |                                      |
| Construction                                | Relieving style                  |                                      |
| Recommended oil                             | ISO VG32 (Turbine oil 1 class)   |                                      |
| Port size for pressure gauge (Rc (PT), NPT) | 1/8"                             |                                      |
| Weight (kg)                                 | 0.49(1.08lb)                     |                                      |

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

### How to order

**PC 2 A — \* 02 D G — \* — C1M1Z**

Series  
(Combination Units)

Components

|       |                                          |
|-------|------------------------------------------|
| Blank | Filter-Regulator-Lubricator              |
| A     | Piggyback-Lubricator                     |
| B     | Filter-Regulator                         |
| C     | Filter-Coalescing Filter(0.3)-Regulator  |
| D     | Piggyback-Coalescing Filter(0.3)         |
| E     | Filter-Coalescing Filter(0.01)-Regulator |
| F     | Piggyback-Coalescing Filter(0.01)        |

Thread

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

Port size

|    |     |
|----|-----|
| 01 | 1/8 |
| 02 | 1/4 |

Drain Options

|       |                               |
|-------|-------------------------------|
| Blank | Manual Push Drain             |
| D     | Auto Drain (N.O Type)         |
| D2    | Auto Drain (Piping exhaust)   |
| D5    | Manual Drain (Piping exhaust) |

Note1)

Note1) Min. operating pressure is 0.15MPa (20psi) for Auto Drain (N.O Type)

Pressure Gauge

| Symbol | Description                                 | Pressure range |
|--------|---------------------------------------------|----------------|
| Blank  | None                                        |                |
| 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)  |

Accessories

| Symbol | Port size | Description                | Applicable series |
|--------|-----------|----------------------------|-------------------|
| C1     | 1/8"      |                            | PC2~PC3           |
| C2     | 1/4"      | Check Valve                | PC2~PC4           |
| C3     | 3/8"      |                            | PC4               |
| M1     | 1/8"      |                            | PC2~PC3           |
| M2     | 1/4"      | Modular Manifold Block Kit | PC2~PC4           |
| M3     | 3/8"      |                            | PC4               |
| V      | -         | Lock-out Valve             | PC2~PC5           |
| W      | -         | Modular pipe adapter Kit   | PC2~PC5           |
| Z      | -         | Pressure Switch            | PC2~PC5           |

★ Refer to page 62 for how to attach bracket & how to combine the accessories  
★ When specifying more than one symbol, indicate them alphabetically Ex) CIM1Z

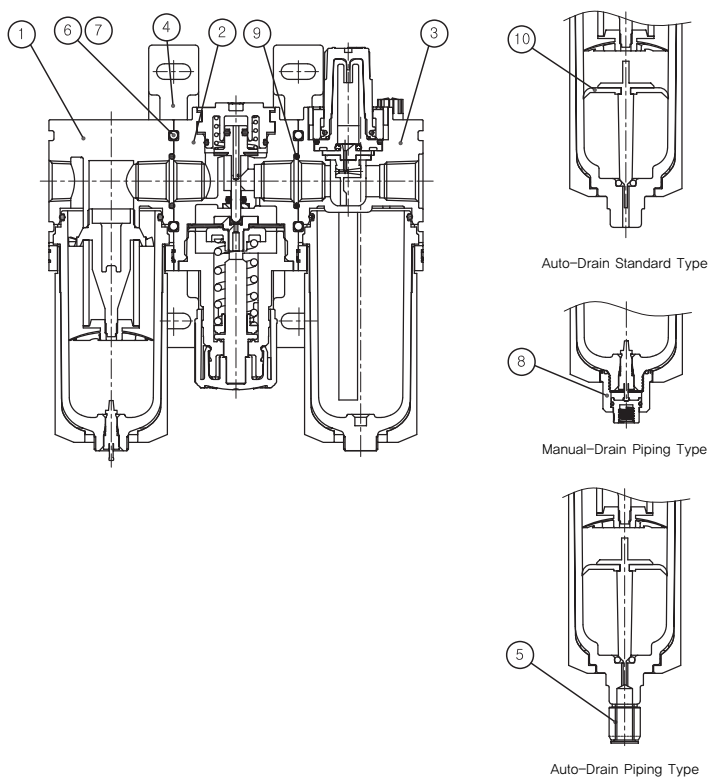
Other Options

| Blank | Set at 0 to 1.0 MPa, 5μm(140psi) (Standard) |      |                               |
|-------|---------------------------------------------|------|-------------------------------|
| 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 |
| E     | Non-relieving type                          | T    | Tamper Resistant Kit          |
| J2    | Filter element - 20μm                       | U    | Regulator (Top mounted)       |
| J4    | Filter element - 40μm                       | XC16 | Copper-free                   |

Note2) Refer to page 85 for Built-in Check valve, Tamper resistant kit.  
Note3) Separately packed, Not assembled.

★ If ordering more than one option, indicate symbols numerically then alphabetically Ex) 2EK  
★ Over Max. pressure value can be set.

## Construction



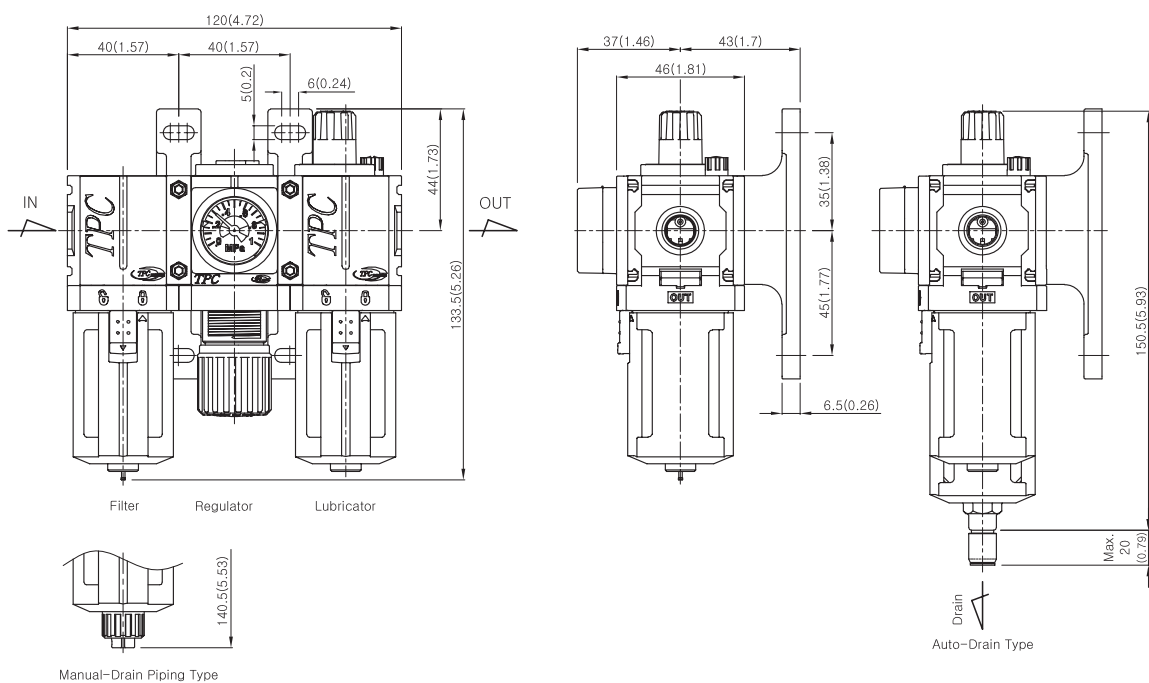
Main Parts / Parts List

| No. | Description             | Material     | Remarks |
|-----|-------------------------|--------------|---------|
| ①   | Filter ass'y            | —            |         |
| ②   | Regulator ass'y         | —            |         |
| ③   | Lubricator ass'y        | —            |         |
| ④   | Bracket ass'y           | —            |         |
| ⑤   | Fitting                 | —            |         |
| ⑥   | Connecting screw        | Carbon steel |         |
| ⑦   | Connecting nut          | Carbon steel |         |
| ⑧   | Manual-drain pipe Ass'y | —            |         |

Replacement Parts / Parts List

| No. | Description        | Material | Part No.      |
|-----|--------------------|----------|---------------|
| ⑨   | Combination O-ring | NBR      | AN015-01      |
| ⑩   | Auto-drain ass'y   | —        | PF2-26A002-01 |

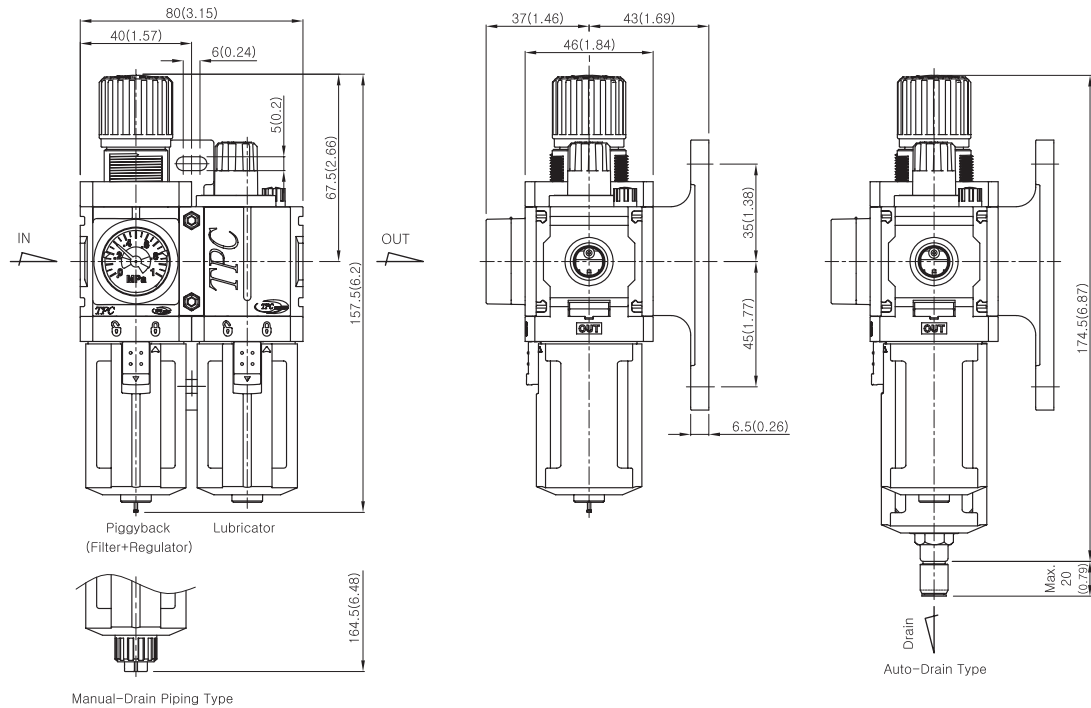
## PC2 Dimensions



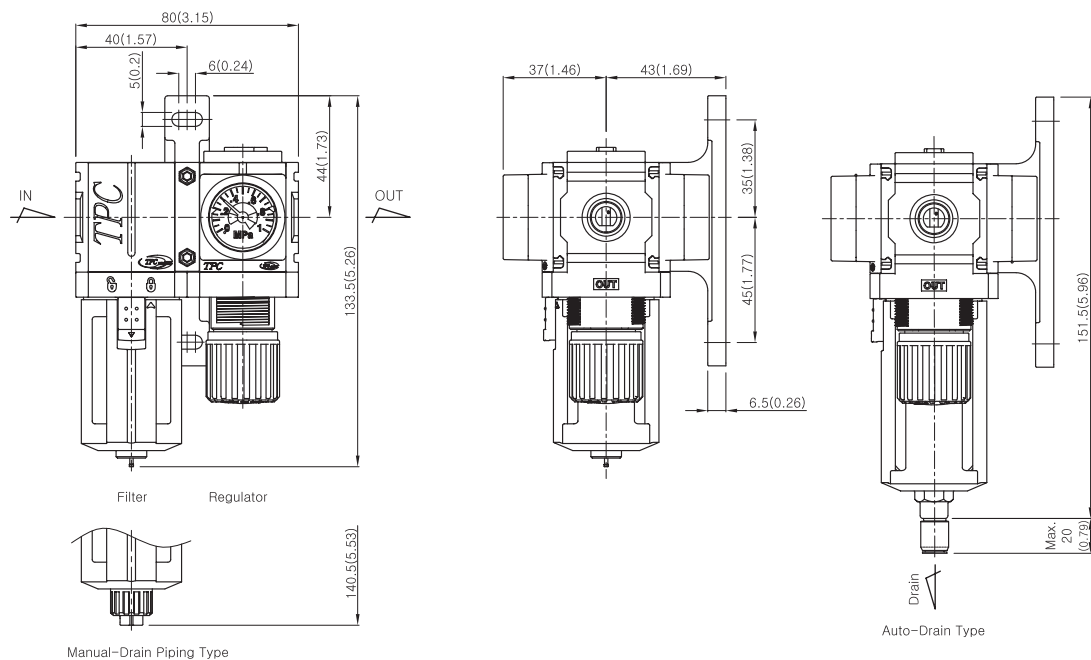
# PC2 Series

## Combinations 1/8" and 1/4"

### PC2A Dimensions

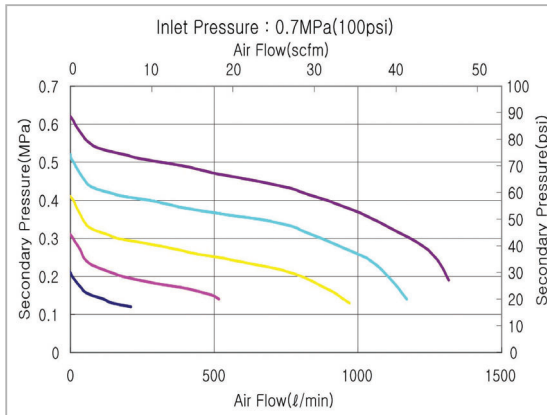


### PC2B Dimensions

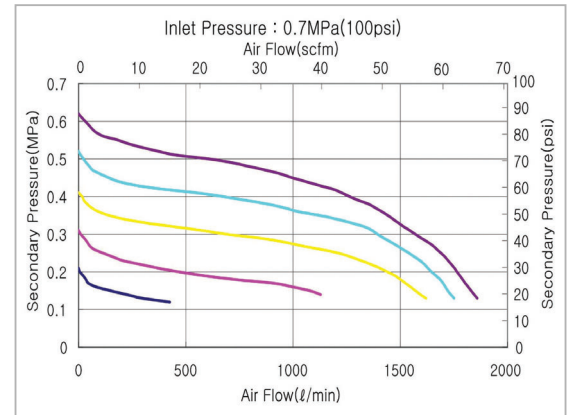


## ■ PC2 Series Flow Characteristics

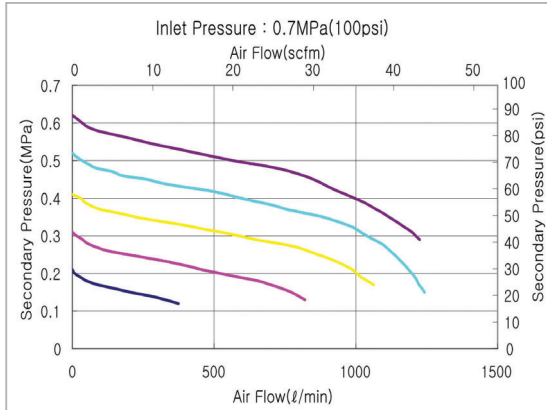
▶ 1/8" PC2



▶ 1/4" PC2



▶ 1/8" PC2A



▶ 1/4" PC2A

