

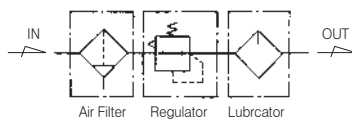
Series **PC3**

Combination 1/4" and 3/8"



PAT

Symbol



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 ※ (Nℓ/min)	1/4"	1,700(60scfm)
	3/8"	2,400(85scfm)
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)		0.99(1.08lb)

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

How to Order

PC 3 A — * 03 D G — * — C1M1Z5

Series
(Combination Unit)

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

02	1/4
03	3/8

Drain Option

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

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
H	—	Shut-off Valve	PC2~PC5
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
Z1	—	Pressure Switch, AC110V	PC2~PC5
Z5	—	Pressure Switch, DC24V	PC2~PC5

※ Refer to page 900 for how to attach bracket & how to combine the accessories

※ When specifying more than one symbol, indicate them alphabetically Ex) CIMIZ

Other Option

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

Note2)

Note2,3)

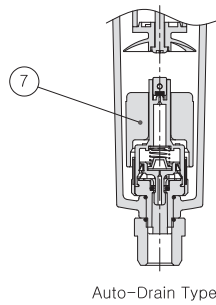
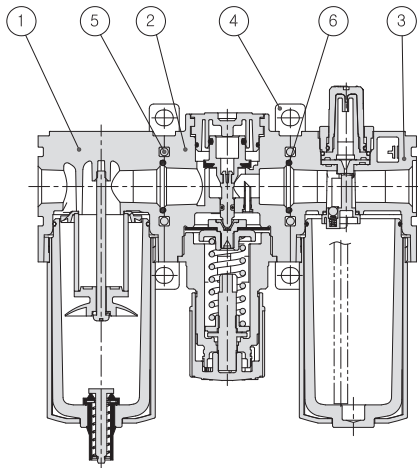
Note2) Refer to page 935 for Built-in Check Valve, Tamper Resistant Kit.
Note3) Separately packed, Not assembled.

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

※ Over Max. pressure value can be set.

Series PC3

Construction



Auto-Drain Type

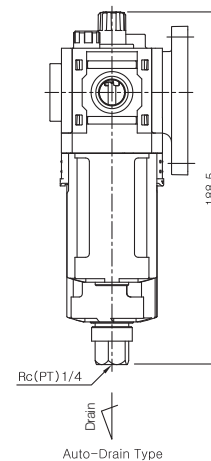
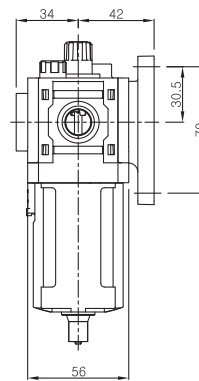
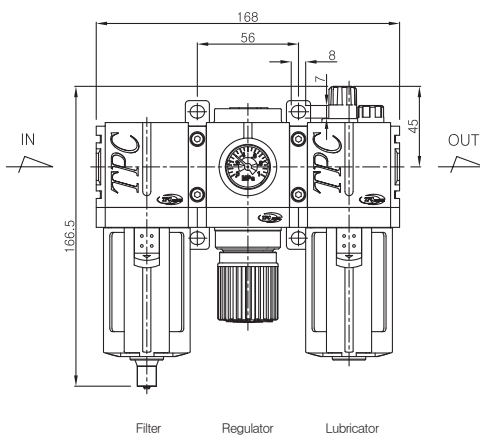
Main Parts/Parts List

No.	Description	Material	Remark
①	Filter Ass'y	-	
②	Regulator Ass'y	-	
③	Lubricator Ass'y	-	
④	Bracket Ass'y	Aluminum	
⑤	Connecting Screw	Carbon Steel	

Replacement Parts/Parts List

No.	Description	Material	Part No.
⑥	Combination O-ring	NBR	TAR4000-07-6001
⑦	Auto-drain ass'y	-	TAF3000-04A-6008

PC3 Dimensions



PC2

PF2

PR2

PL2

PP2

PC3

PF3

PR3

PL3

PP3

PC4

PF4

PR4

PL4

PP4

PC5

PF5

PR5

PL5

PP5

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

PLV

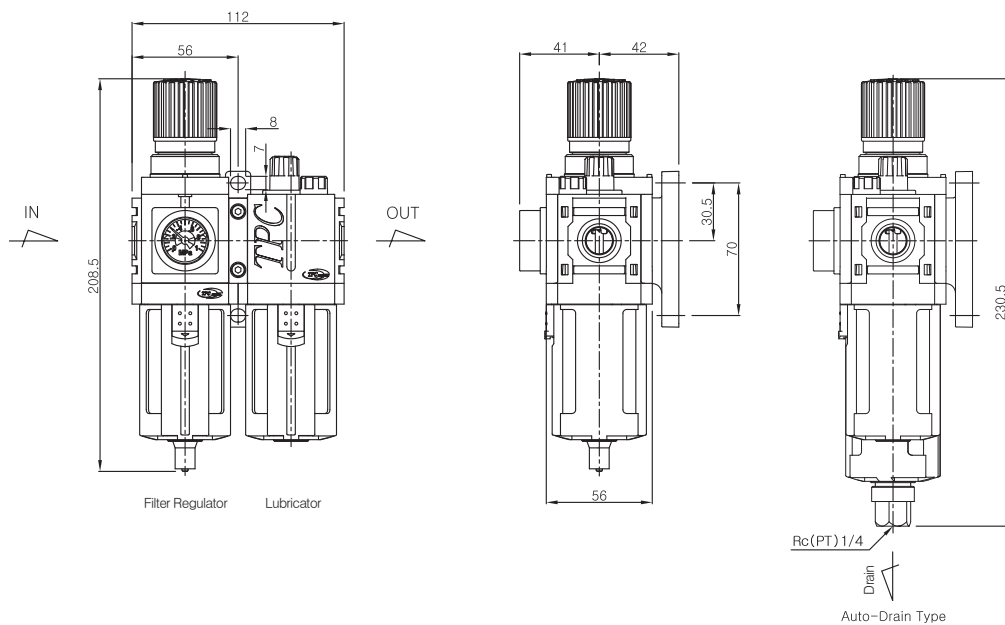
PSH

PCV

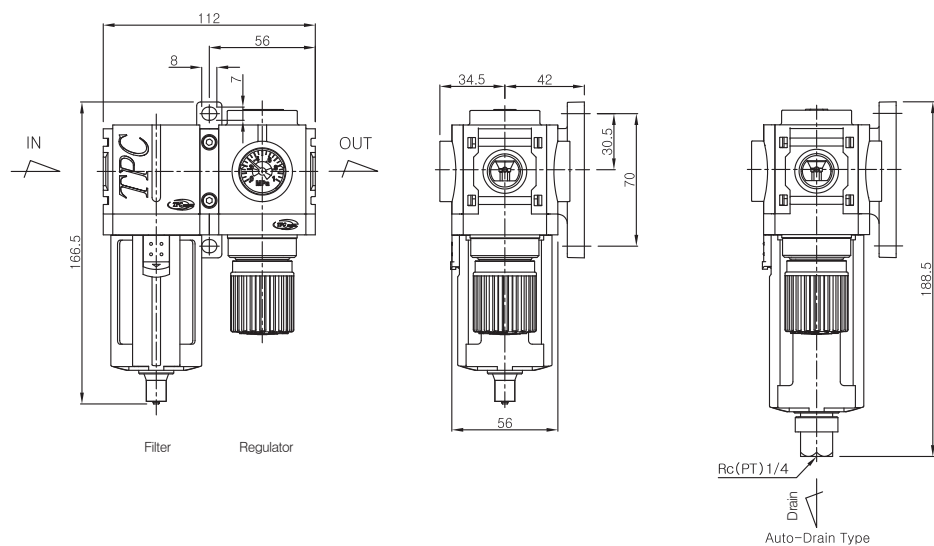
MB

Series PC3

■ PC3A Dimensions



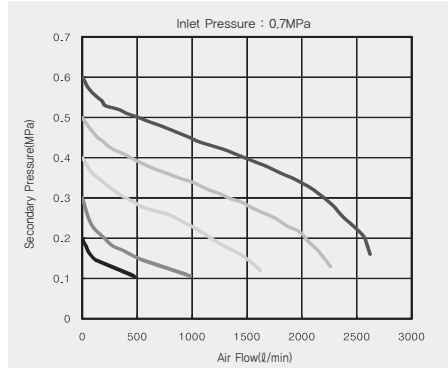
■ PC3B Dimensions



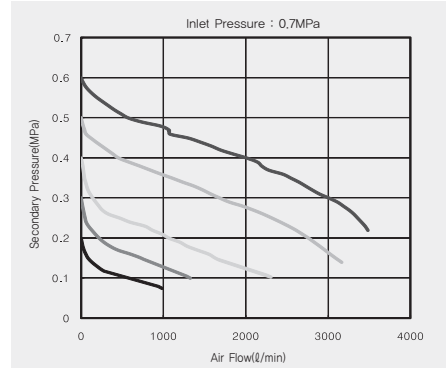
Series PC3

■ PC3 Series Pressure Characteristics

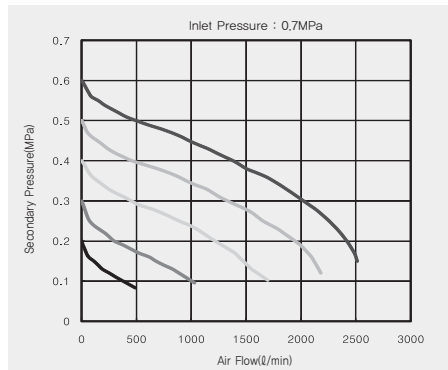
▶ 1/4" PC3



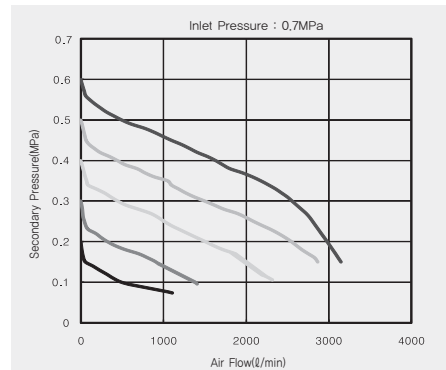
▶ 3/8" PC3



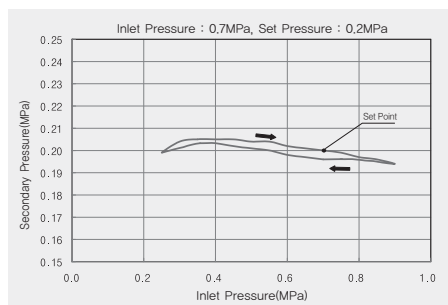
▶ 1/4" PC3A



▶ 3/8" PC3A



■ PC3 Series 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~
PPH(U)5PPH(U)3~
PPH(U)4

PLV

PSH

PCV

MB