

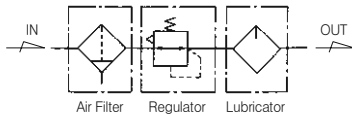
Series PC2

Combination 1/8" and 1/4"



PAT

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)	Madd to Order Specifications	0.05~0.2(7~30psi), 0.05~0.47(7~60psi)
Ambient and Fluid Temperature (°C)	-5~60(23~140° F) (Non-freezing)	
Flow Capacity ※	1/8"	1,000(35scfm)
(N ℓ /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 — * — 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

01	1/8
02	1/4

Drain Option

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

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 Range	1,0MPa(140psi)
P2	Pressure Range	0,2MPa(30psi)
P4	Pressure Range	0,4MPa(60psi)

Accessories

Symbol	Port Size	Description	Applicable Series
C1	1/8"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		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) C1M1Z

Other Option

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

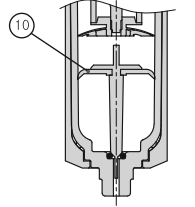
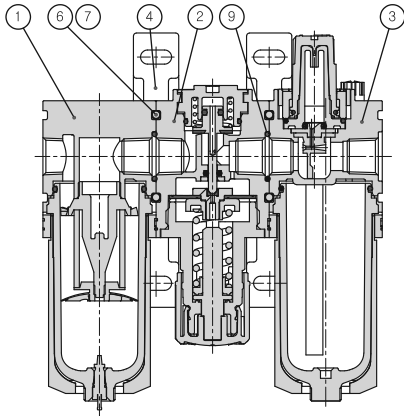
Note2) Refer to page 935 for Built-in check valve, Tamper resistant kit, Note3) Separately packed, Not assembled.

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

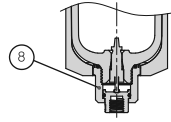
* Over Max. pressure valve can be set.

Series PC2

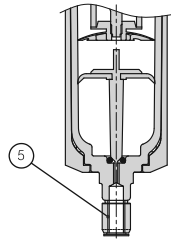
Construction



Auto-Drain Standard Type



Auto-Drain Piping Type



Auto-Drain Piping Type

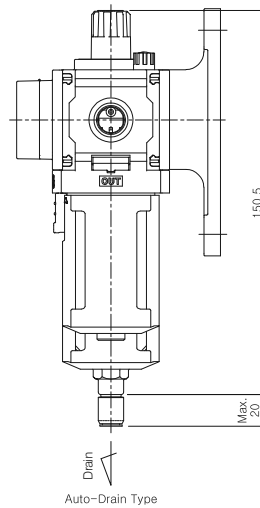
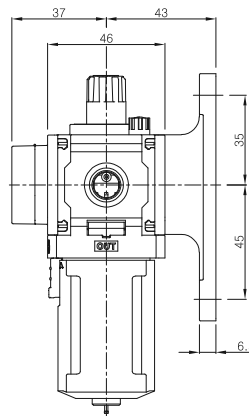
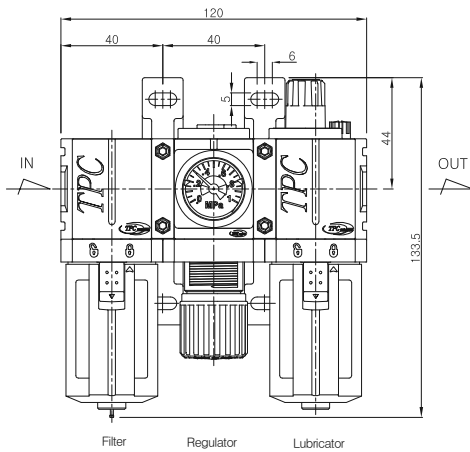
Main Parts/Parts List

No.	Description	Material	Remark
①	Filter Ass'y	-	
②	Regulator Ass'y	-	
③	Lubricator Ass'y	-	
④	Bracket Ass'y	-	
⑤	Fitting	-	
⑥	Connecting Screw	Carbon Steel	
⑦	Connecting Nut	Carbon Steel	
⑧	Manual-Drain Piping Ass'y	-	

Replacement Parts/Parts List

No.	Description	Material	Part No.
⑨	Combination O-ring	NBR	AN015-01
⑩	Auto Bowl Ass'y (Auto-Drain Ass'y Included)	-	PF2-26A002-01

PC2 Dimensions



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

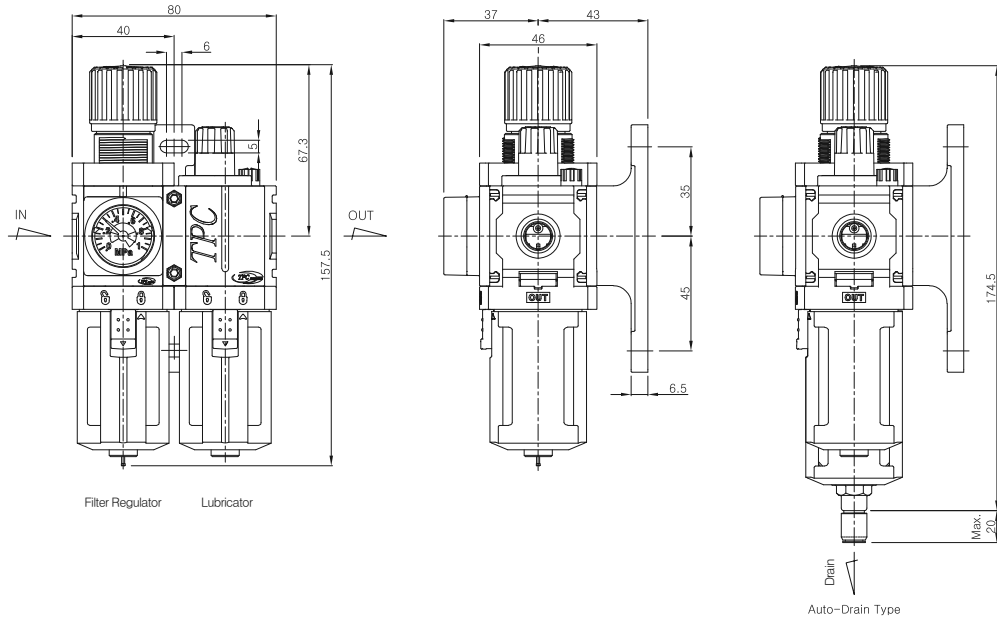
PSH

PCV

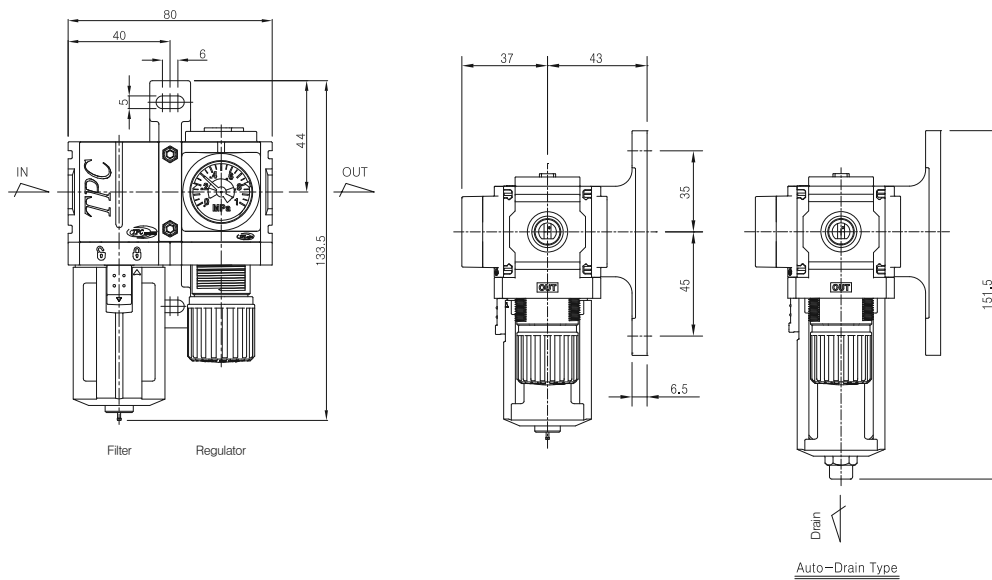
MB

Series PC2

■ PC2A Dimensions



■ PC2B Dimensions



Series PC2

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

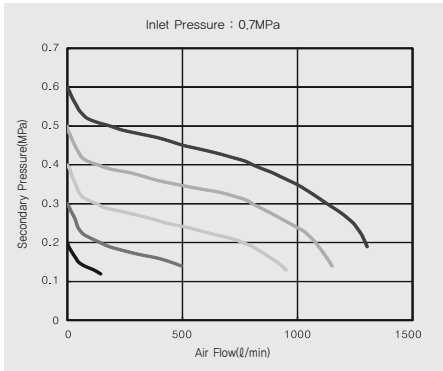
PSH

PCV

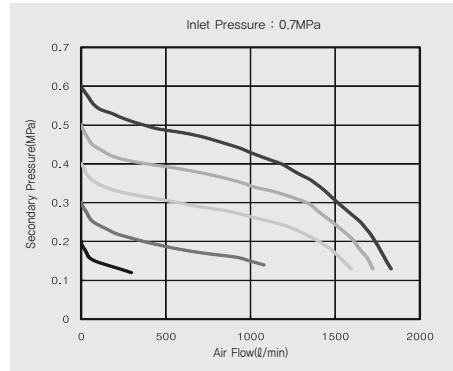
MB

PC2 Series Flow Characteristics

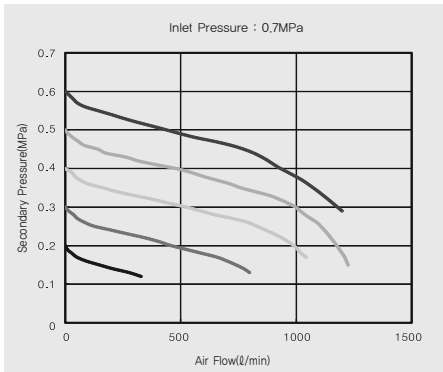
▶ 1/8" PC2



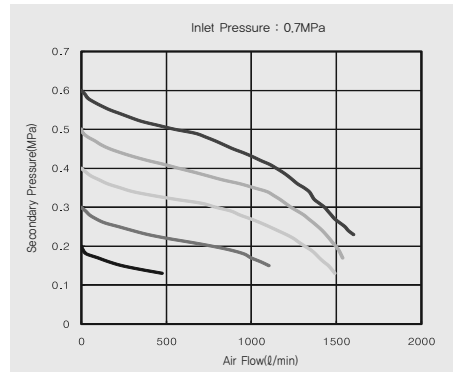
▶ 1/4" PC2



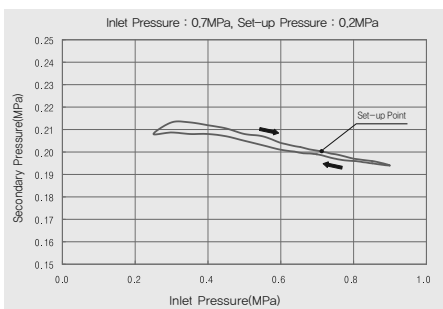
▶ 1/8" PC2A



▶ 1/4" PC2A

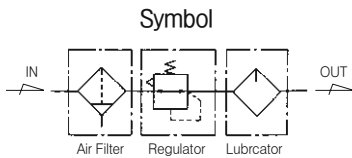


PC2 Series Pressure Characteristics



Series PC3

Combination 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"	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"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		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

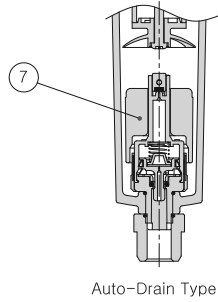
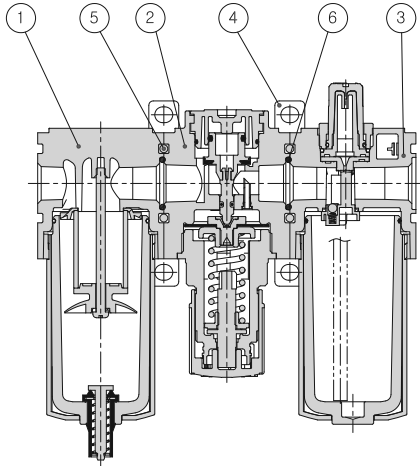
Other Option

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		

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

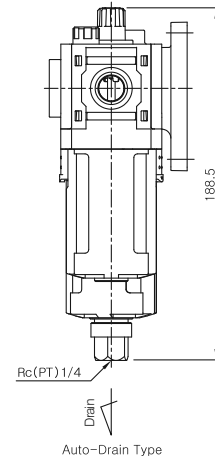
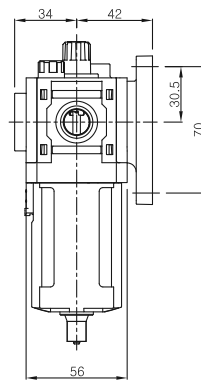
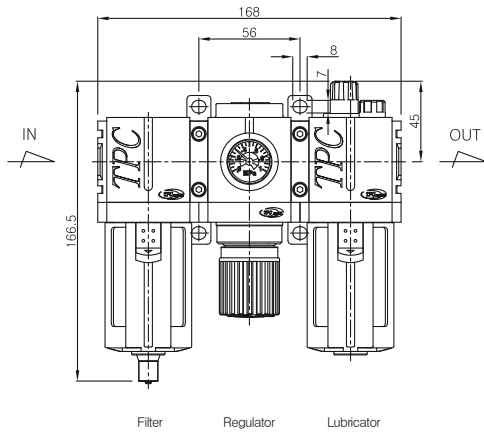
Main Parts/Parts List

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

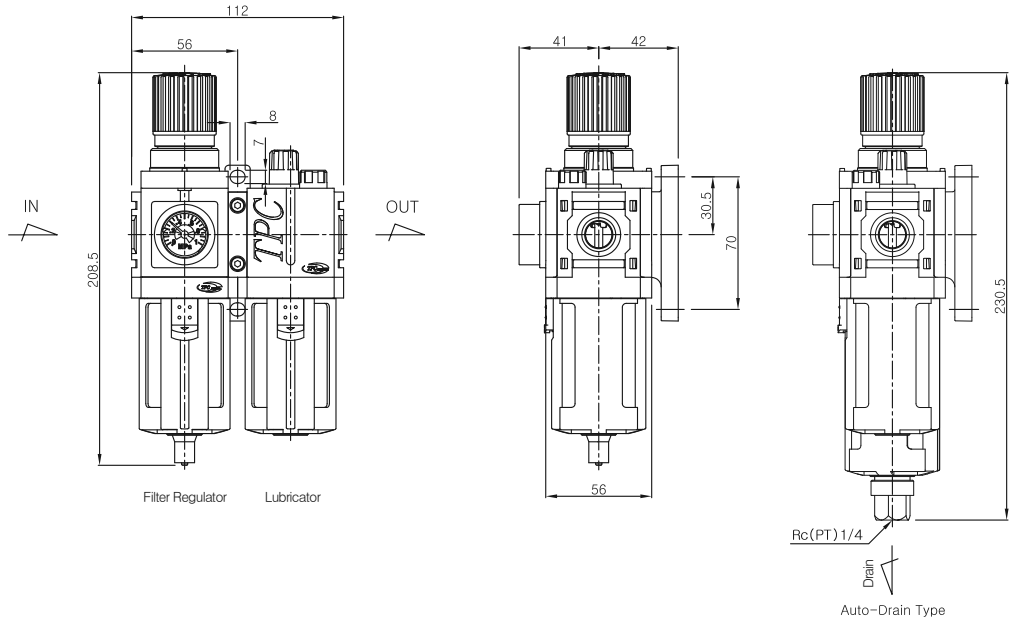
PC3 Dimensions



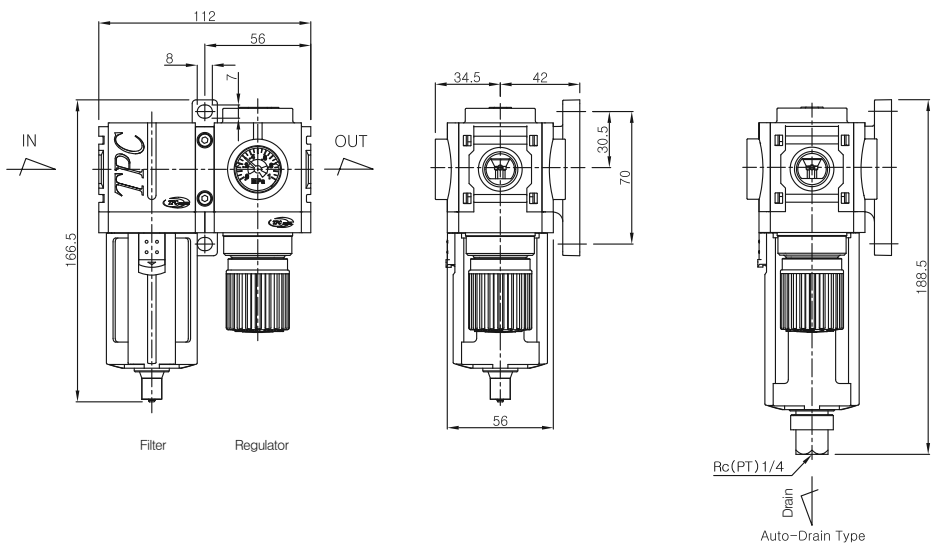
- PC2
- PF2
- PR2
- PL2
- PP2
- PC3**
- PF3
- PR3
- PL3
- PP3
- PC4
- PF4
- PR4
- PL4
- PP4
- PC5
- PF5
- PR5
- PL5
- PP5
- PFH(U)2~
PFH(U)5
- PPH(U)3~
PPH(U)4
- PLV
- PSH
- PCV
- MB

Series PC3

■ PC3A Dimensions



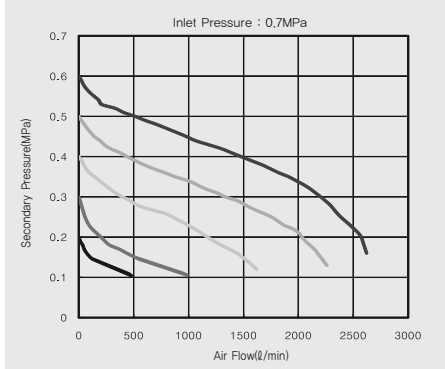
■ PC3B Dimensions



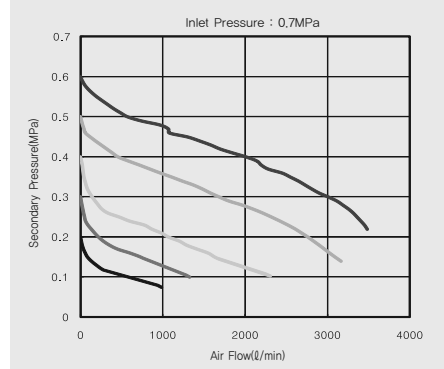
Series PC3

PC3 Series Pressure Characteristics

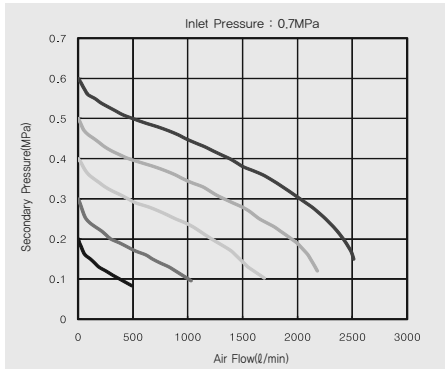
▶ 1/4" PC3



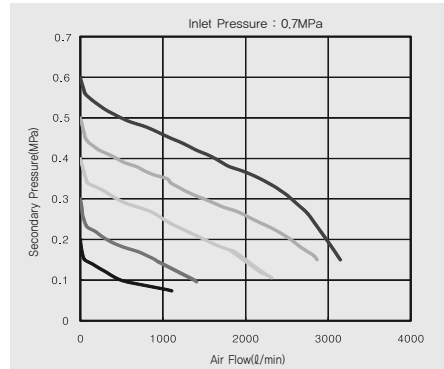
▶ 3/8" PC3



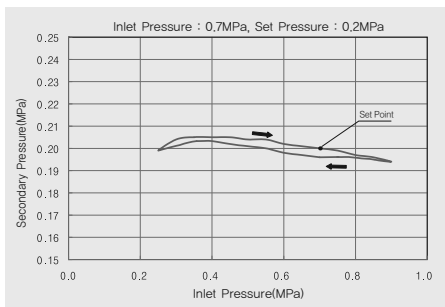
▶ 1/4" PC3A



▶ 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
- PFH(U)2~
PFH(U)5
- PPH(U)3~
PPH(U)4
- PLV
- PSH
- PCV
- MB

Series PC4

Combination 3/8" and 1/2"

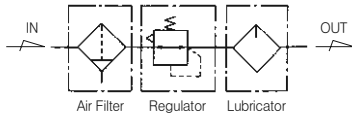


Standard Specifications

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), 0.05~1.5(7~200psi)
Ambient and Fluid Temperature (°C)	-5~60(23~140°F) (Non-freezing)	
Flow Capacity ※ (N ℓ /min)	3/8"	2,800(99scfm)
	1/2"	4,300(152scfm)
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)	1.88(4.14lb)	

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

Symbol



How to Order

PC 4 A — * 04 D G — * — C3M3Z5

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

03	3/8"
04	1/2"

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
P	Pressure Gauge	1,0MPa
P2	Pressure Gauge	0,2MPa
P4	Pressure Gauge	0,4MPa

Accessories

Symbol	Port Size	Description	Applicable Series
C1	1/8"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		PC2~PC4
M3	3/8"		PC4
S	-	Slow Start Valve	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

Note4) When specifying more than one symbol, indicate them alphabetically Ex) C3M3Z

Other Option

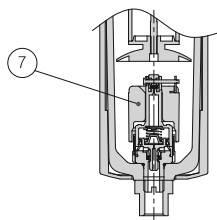
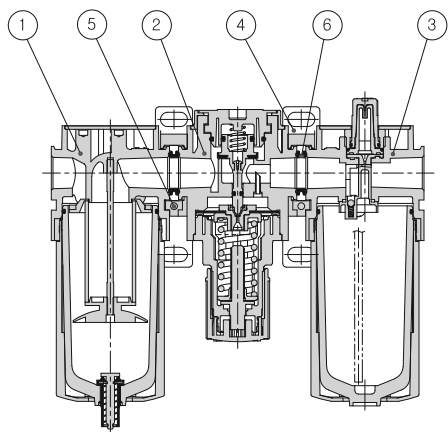
Blank	Set at 0 to 1.0 MPa, 5μm (Standard)	Blank	Set at 0 to 1.0 MPa, 5μm (Standard)
2	Set at 0 to 0.2 MPa	K	Built-in Check Valve
4	Set at 0 to 0.4 MPa	L	Life Indicator
15	Set at 0 to 1.5 MPa	R	Flow Direction : Right → Left
E	Non-Relieving Type	T	Tamper Resistant Kit
J2	Filter element - 20μm	U	Regulator (Top Mounted)
J4	Filter element - 40μm	XC16	Copper-free

Note2) Note2,3)

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.

Series PC4

Construction



Auto-Drain Type

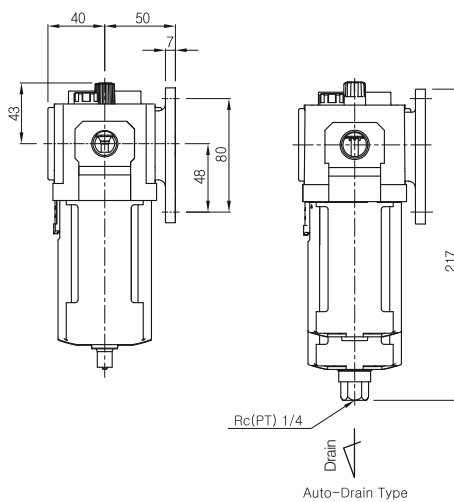
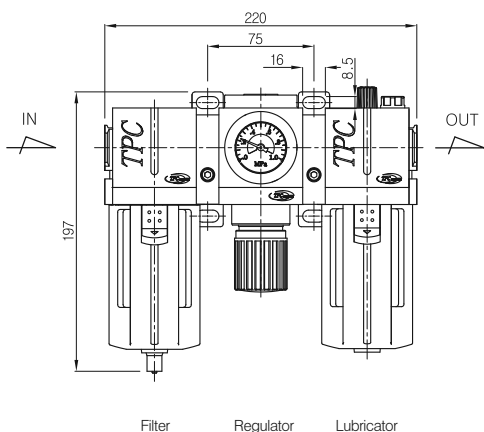
Main Parts/Parts List

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	Spacer O-ring	NBR	PC4A-04-001-01
⑦	Auto-Drain ass'y	-	TAF3000-04A-6008

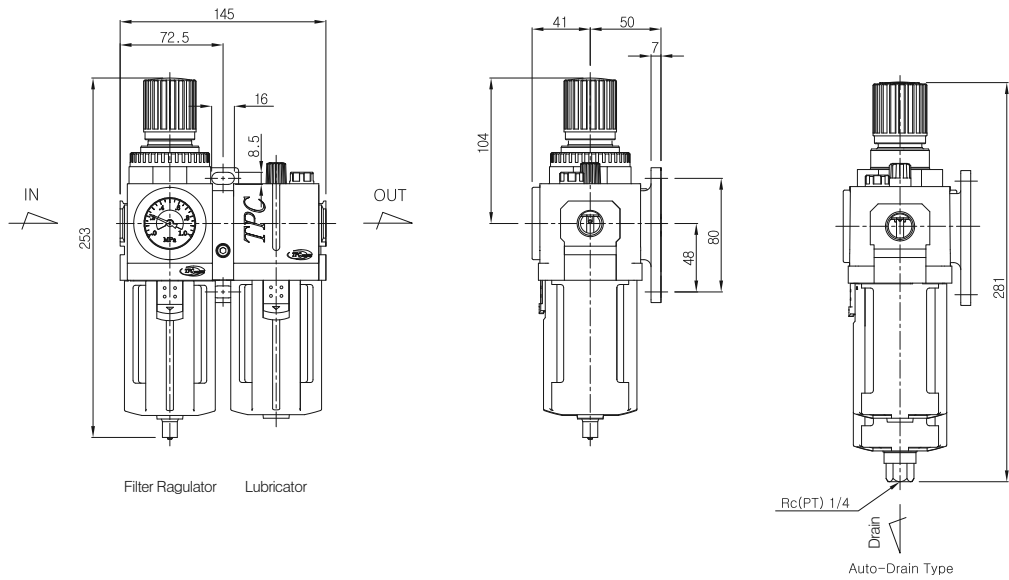
PC4 Dimensions



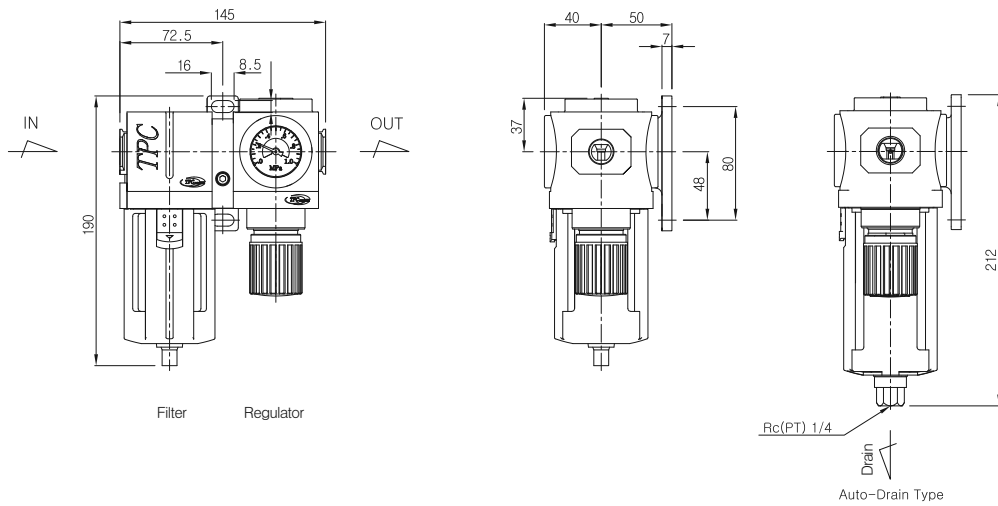
- PC2
- PF2
- PR2
- PL2
- PP2
- PC3
- PF3
- PR3
- PL3
- PP3
- PC4**
- PF4
- PR4
- PL4
- PP4
- PC5
- PF5
- PR5
- PL5
- PP5
- PFH(U)2~
PFH(U)5
- PPH(U)3~
PPH(U)4
- PLV
- PSH
- PCV
- MB

Series PC4

■ PC4A Dimensions



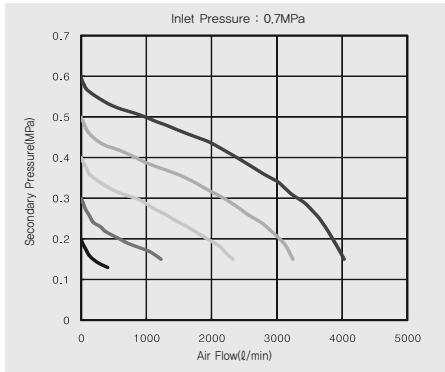
■ PC4B Dimensions



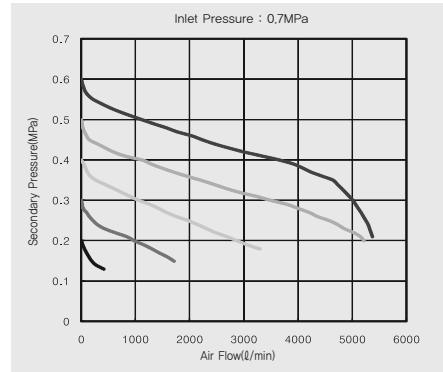
Series PC4

PC4 Series Flow Characteristics

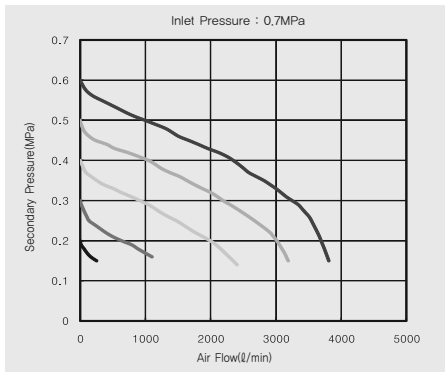
▶ 3/8" PC4



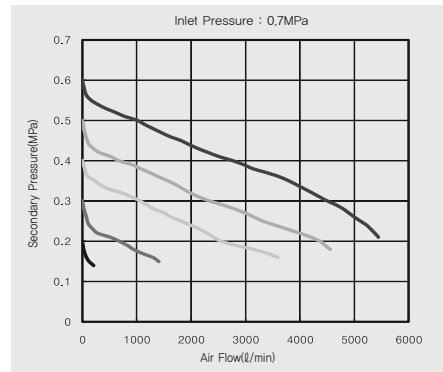
▶ 1/2" PC4



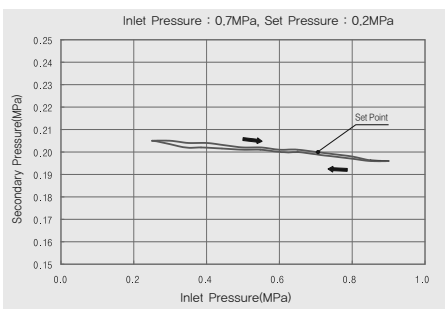
▶ 3/8" PC4A



▶ 1/2" PC4A



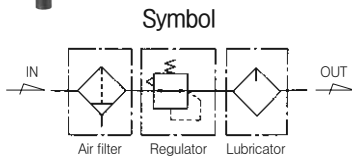
PC4 Series Pressure Characteristics



- 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

Series PC5

Combination 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(7~140psi)
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"	5,700(201scfm)
(N ℓ /min)	1"	6,100(215scfm)
Filtration (μm)	5	
Construction	Relieving Sytle	
Recommended Oil	ISO VG32 (Turbine Oil 1 Class)	
Port Size for Pressure Gauge (Rc (PT), NPT)	1/8"	
Weight (kg)	4.06(8.95lb)	

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

How to Order

PC 5 A — * 10 D G — * — VWZ

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

06	3/4
10	1

Drain Option

Blank	Manual Drain
D	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"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		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

Accessories

Symbol	Port Size	Description	Applicable Series
C1	1/8"	Check Valve	PC2~PC3
C2	1/4"		PC2~PC4
C3	3/8"		PC4
H	-	Shut-off Valve	PC2~PC5
M1	1/8"	Modular Manifold Block Kit	PC2~PC3
M2	1/4"		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 or 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	L	Life Indicator
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	U	Regulator (Top mounted)
J4	Filter element - 40μm	XC16	Copper-free

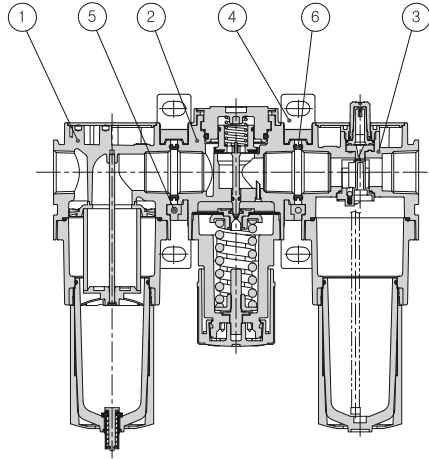
Note2) Refer to page 935 for Built-in check valve, Tamper resistant kit,
 Note3) Separately packed, Not assembled.

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

* Over Max. pressure value can be set.

Series PC5

Construction



Main Parts/Parts List

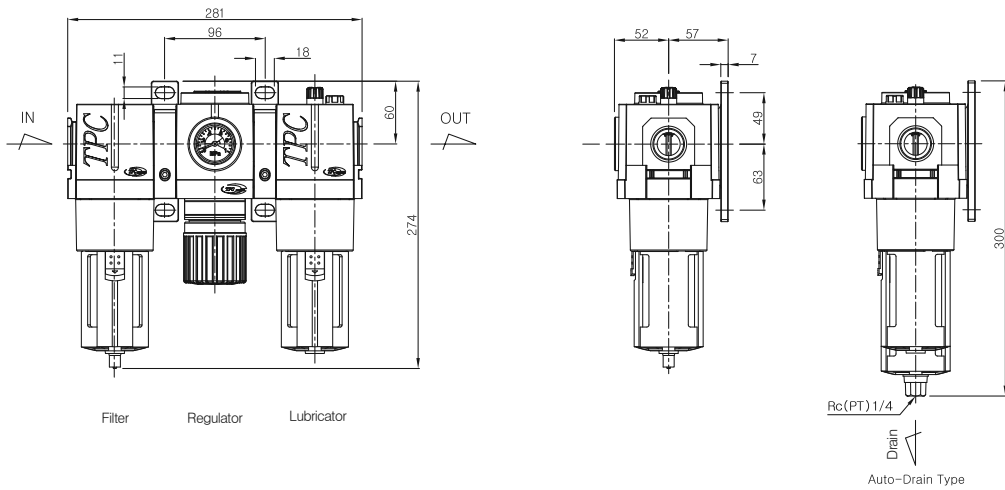
NO.	Description	Material	Remark
①	Filter ass'y	-	
②	Regulator ass'y	-	
③	Lubricator ass'y	-	
④	Bracket ass'y	Aluminum	
⑤	Connecting screw	Carbon Steel	

Replacement Parts/Parts List

NO.	Description	Material	Part No.
⑥	Spacer O-ring	NBR	PC5-04-001-01
⑦	Auto-drain ass'y	-	TAF3000-04A-6008

Auto-Drain Type

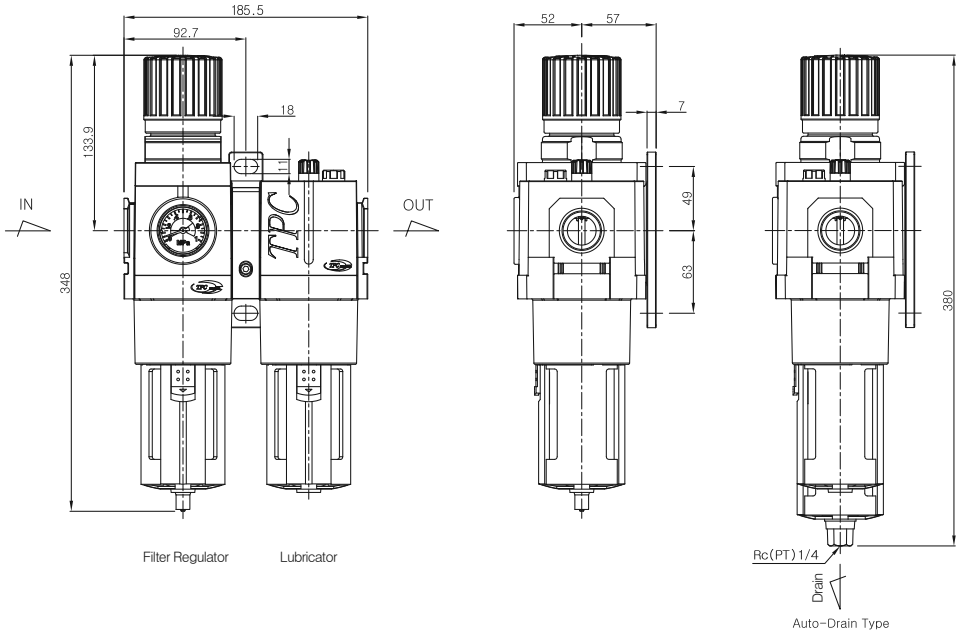
PC5 Dimensions



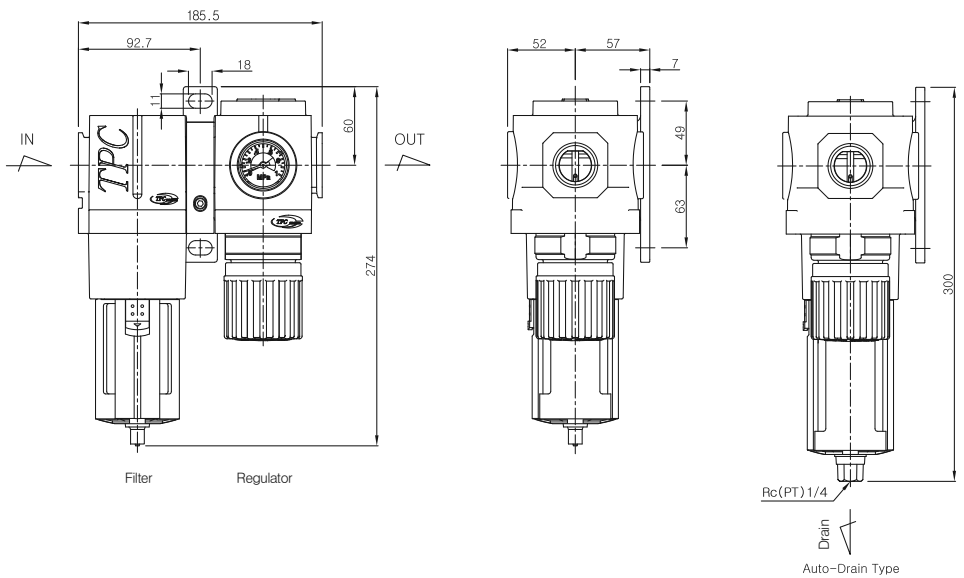
- PC2
- PF2
- PR2
- PL2
- PP2
- PC3
- PF3
- PR3
- PL3
- PP3
- PC4
- PF4
- PR4
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- PC5**
- PF5
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- PP5
- PF(U)2~
PF(U)5
- PPH(U)3~
PPH(U)4
- PLV
- PSH
- PCV
- MB

Series PC5

PC5A Dimensions



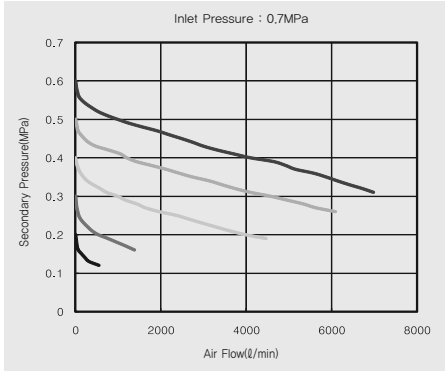
PC5B Dimensions



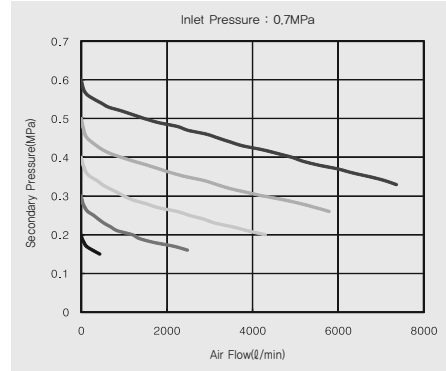
Series PC5

PC5 Series Flow Characteristics

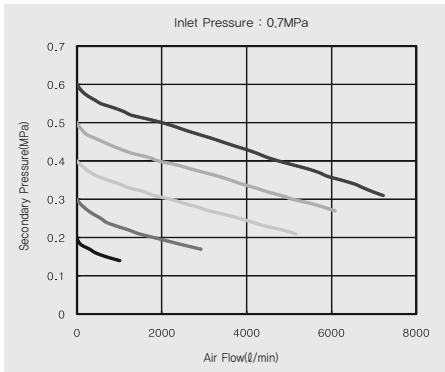
▶ 3/4" PC5



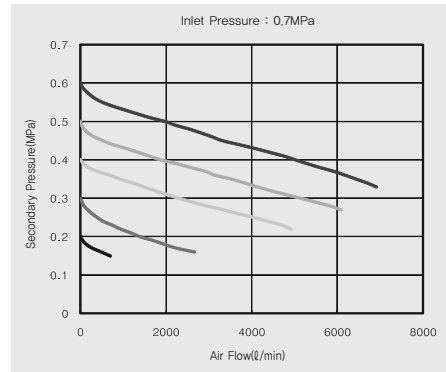
▶ 1" PC5



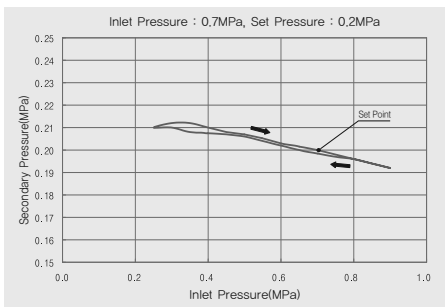
▶ 3/4" PC5A



▶ 1" PC5A



PC5 Series 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