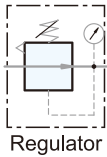


Miniature Regulator

Symbol



Features

- 1. Accurate and easy pressure setting.
- 2. Panel mounting is available.

How to order

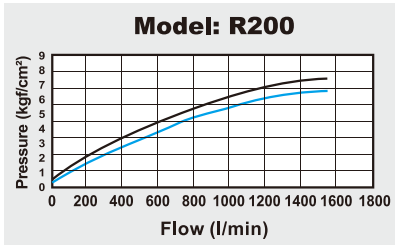
R200	—	02	N	B	G	V
Miniature Regulator		Port size	Thread	Mounting bracket	Pressure gauge	Function option
		01 :1/8"	Blank :G	Blank :W/O bracket	Blank :W/O gauge	Blank :Relief
		02 :1/4"	N :NPT	B :W/I bracket	G :W/I gauge	V :No-Relief
			R :Rc			

*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

Specifications

Model	R200
Port size	1/8" , 1/4"
Fluid	Compressed air
Regulator construction	Piston
Body material	Aluminum die-cast
Operating pressure range	0.5 ~ 8 kgf/cm ²
Max. inlet pressure	12 kgf/cm ²
Max. flow rate l/min(ANR)	1550
Ambient temperature	-10°C ~ 60°C
Net weight	205g
Accessories	Plug
Option	Pressure gauge, Mounting bracket set

Flow chart



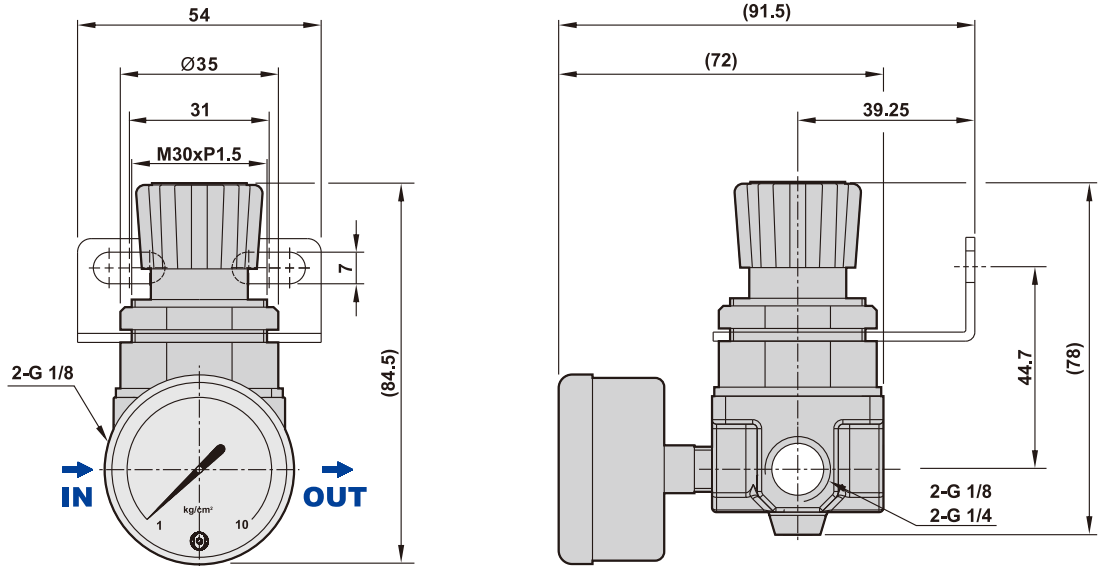
Note:

X axis: Flow (l/min)
Y axis: Pressure (kgf/cm²)
Blue line (P0) = Outlet pressure
Black line (P1) = Inlet pressure
P1-P0 = Pressure range

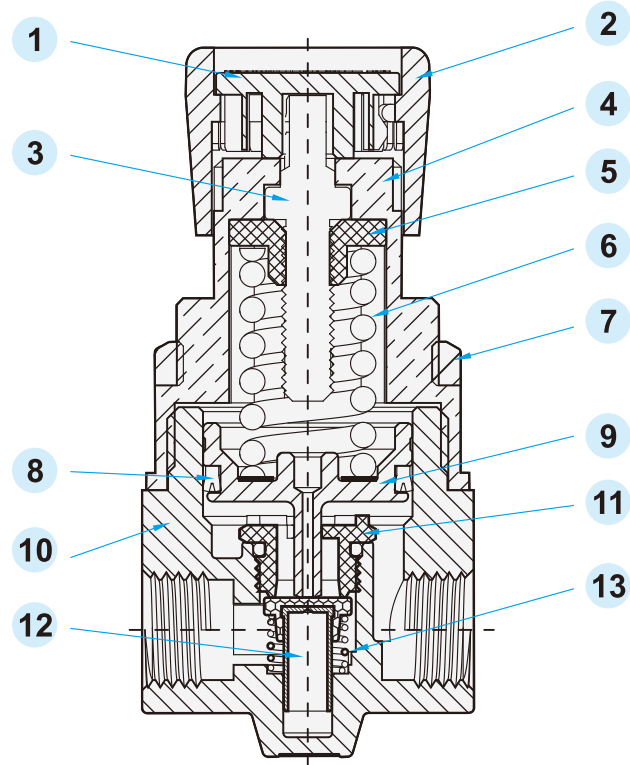


Dimensions

R200-01, 02

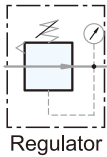


Construction



No.	Description	Material
1	Regulator dome	NY
2	Regulator knob	NY
3	Pressure regulating screw	Fe+Ni
4	Regulator base	NY+GF
5	Pressure regulating nut	Cu+Ni
6	Spring	Spring steel
7	Lock nut	NY+GF
8	U type seal	NBR
9	Piston	POM
10	Body	ADC12
11	Positioning nut	POM
12	Regulator stem	Cu+NBR
13	Spring	Spring steel

Symbol



Features

- 1. Diaphragm design provides more accurate and easier pressure setting.
- 2. Panel mounting is available.



How to order

NR200	02	N	B	G
Miniature Regulator	Port size	Thread	Mounting bracket	Pressure gauge
NR200 : 0.5~8kgf/cm ²	01 : 1/8"	Blank : G	Blank : W/O bracket	Blank : W/O gauge
NR200L4 : 0.5~4kgf/cm ²	02 : 1/4"	N : NPT	B : W/I bracket	G : W/I gauge
NR200L2 : 0.5~2kgf/cm ²		R : Rc		

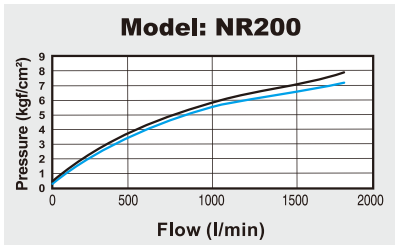
*Please contact our sales for non-relieving type.

*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

Specifications

Model	NR200	NR200L4	NR200L2
Port size	1/8", 1/4"		
Fluid	Compressed air		
Regulator construction	Diaphragm		
Body material	Aluminum die-cast		
Operating pressure range	0.5 ~ 8 kgf/cm ²	0.5 ~ 4 kgf/cm ²	0.5 ~ 2 kgf/cm ²
Max. inlet pressure	12 kgf/cm ²		
Max. flow rate l/min (ANR)	1500		
Ambient temperature	-10°C ~ 60°C		
Color of knob plate	Blue	Orange	Yellow
Net weight	205g		
Accessories	Plug		
Option	Pressure gauge, Mounting bracket set		

Flow chart

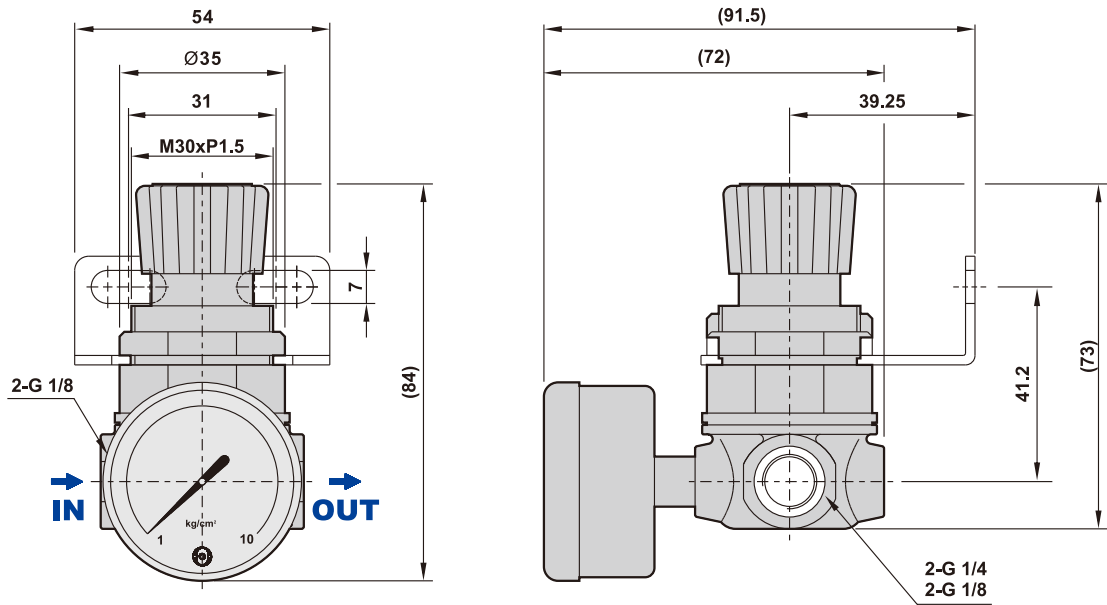


Note:

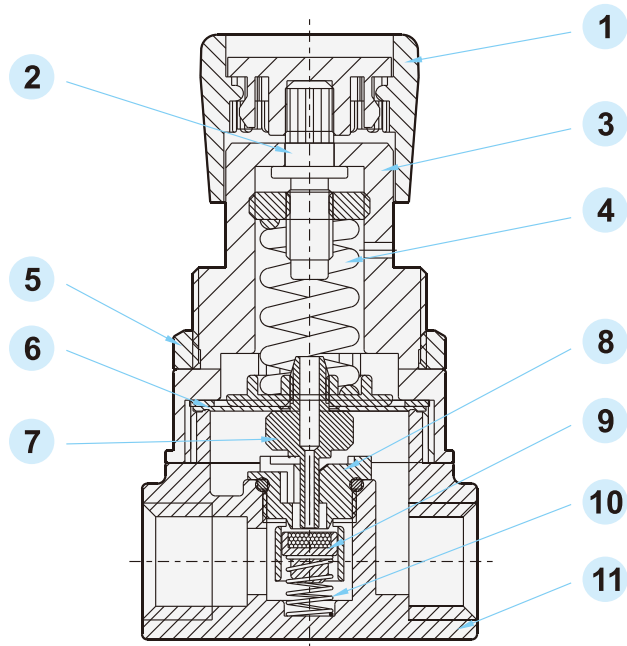
X axis: Flow (l/min)
Y axis: Pressure (kgf/cm²)
Blue line (P0) = Outlet pressure
Black line (P1) = Inlet pressure
P1-P0 = Pressure range

Dimensions

NR200-01, 02

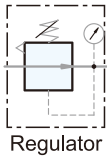


Construction



No.	Description	Material
1	Regulator knob	NY
2	Pressure regulating screw	Fe+Ni
3	Regulator base	NY+GF
4	Spring	Spring steel
5	Lock nut	NY+GF
6	Diaphragm	NBR70°
7	Regulator needle	AL
8	Positioning nut	POM
9	Plug	Cu
10	Spring	SUS
11	Body	ADC12

Symbol



Features

- 1. Accurate and easy pressure setting.
- 2. Panel mounting is available.
- 3. The function of anti-backflow is optional.



How to order

UR201	02	V	N	B	G
Miniature Regulator	Port size	Function option	Thread	Mounting bracket	Pressure gauge
	01 : 1/8"	Blank : Relief	Blank : G	Blank : W/O bracket	Blank : W/O gauge
	02 : 1/4"	V : No-Relief	N : NPT	B : W/I bracket	G : W/I gauge
			R : Rc		

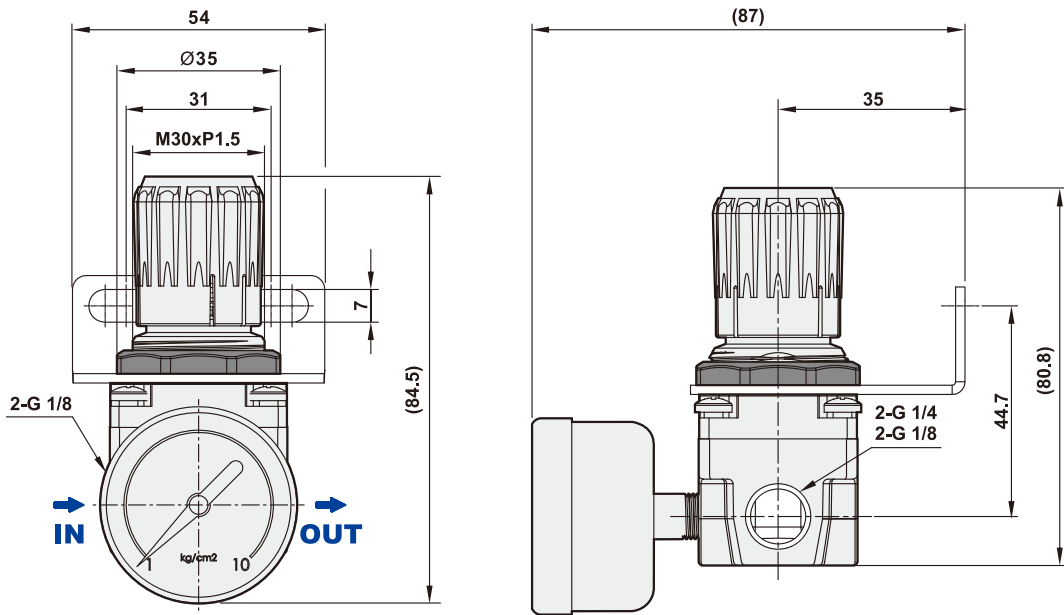
*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

Specifications

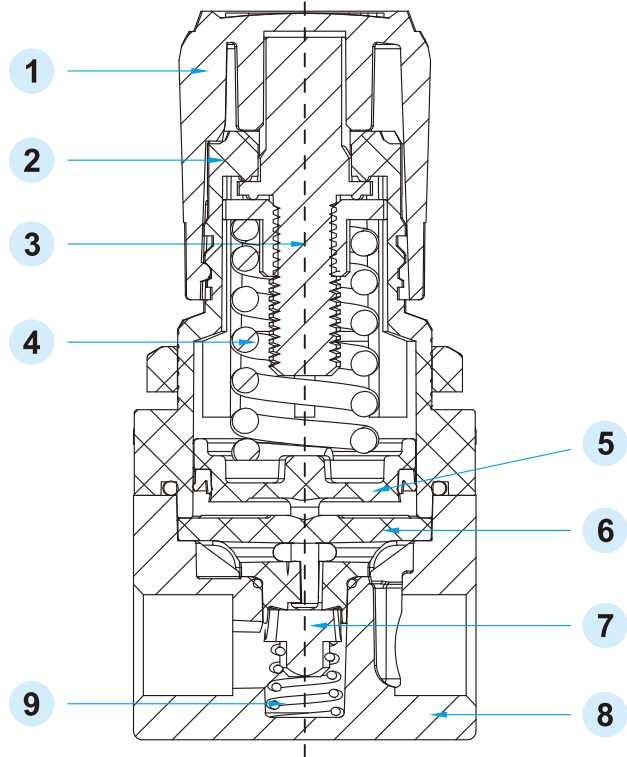
Model	UR201-01	UR201-02
Port size	1/8"	1/4"
Fluid	Compressed air	
Regulator construction	Piston	
Body material	Aluminum die-cast (ADC12)	
Operating pressure range	0.5 ~ 8 kgf/cm ²	
Max. inlet pressure	9.9 kgf/cm ²	
Max. flow rate l/min	500	
Ambient temperature	-10°C ~ 60°C	
Net weight	180g	
Accessories	Plug	
Option	Pressure gauge, Mounting bracket set	

Dimensions

UR201-01, 02

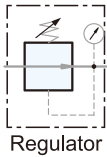


Construction



No.	Description	Material
1	Regulator knob	POM
2	Regulator base	POM
3	Pressure regulating screw	Fe+Ni
4	Spring	SWP-B
5	Piston	POM
6	Piston holder	POM
7	Regulator stem	NBR
8	Body	ADC12
9	Spring	SUS

Symbol



Features

- 1. Accurate and easy pressure setting.
- 2. Panel mounting is available.

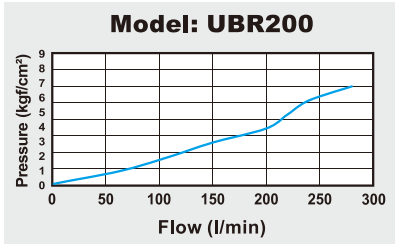
How to order

UBR200	02	N	B	G
Miniature Water Regulator	Port size	Thread	Mounting bracket	Pressure gauge
	01 : 1/8"	Blank : G	Blank : W/O bracket	Blank : W/O gauge
	02 : 1/4"	N : NPT	B : W/I bracket	G : W/I gauge
		R : Rc		

Specifications

Model	UBR200-01	UBR200-02
Port size	1/8"	1/4"
Fluid	Water	
Regulator construction	Piston	
Body material	Brass	
Operating pressure range	0.5 ~ 7 kgf/cm ²	
Max. inlet pressure	10 kgf/cm ²	
Max. flow rate l/min	280	
Ambient temperature	-10°C ~ 60°C	
Net weight	310g	
Accessories	Plug	
Option	Pressure gauge, Mounting bracket set	

Flow chart



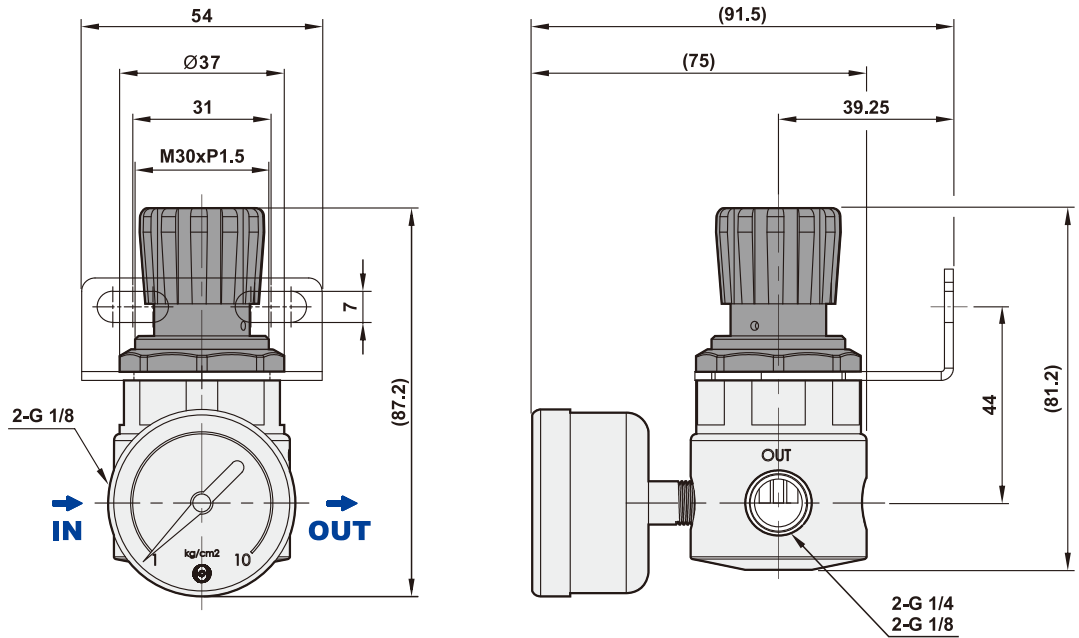
Note:

X axis: Flow (l/min)
Y axis: Pressure (kgf/cm²)
Blue line: Outlet pressure

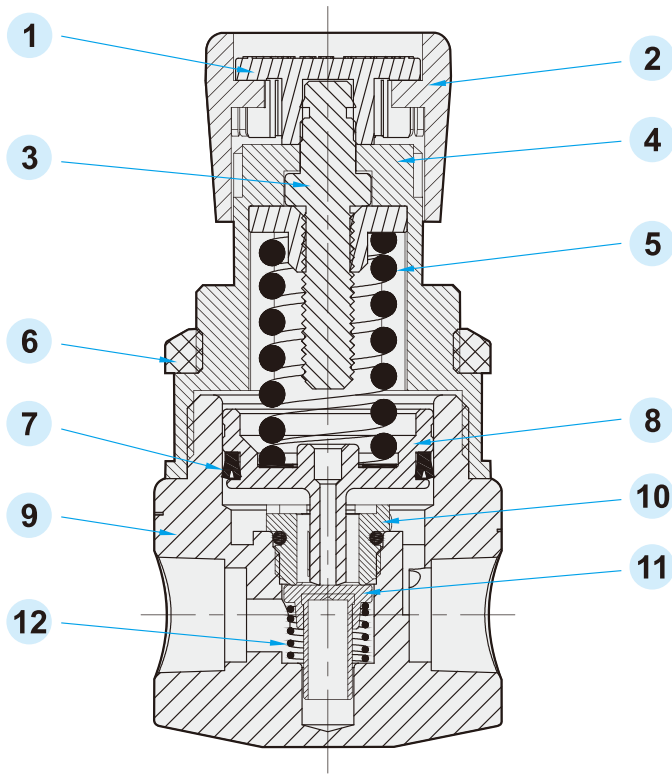


Dimensions

UBR200-01, 02

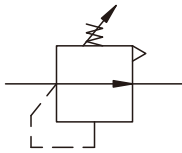


Construction



No.	Description	Material
1	Regulator dome	NY
2	Regulator knob	NY
3	Pressure regulating screw	Fe+Ni
4	Regulator base	NY
5	Spring	SUS
6	Lock nut	NY
7	U type seal	EPDM
8	Piston	POM
9	Body	Cu
10	Positioning nut	POM
11	Regulator stem	EPDM+Cu
12	Spring	SUS

■ Symbol



■ Features

- 1. Available to set up releasing pressure 0.15~7kgf/cm².
- 2. When inlet pressure is more than setting pressure, the pressure release from outlet.
- 3. Diaphragm design provides more accurate and easier pressure setting.
- 4. Panel mounting is available.



■ How to order

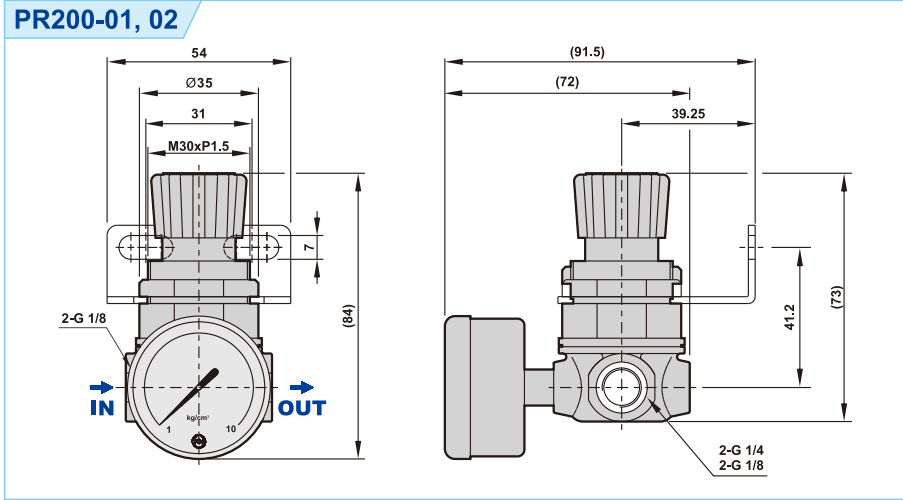
PR200	—	02	N	B	G
Miniature Safety Valve (Pressure Release Valve)		Port size	Thread	Mounting bracket	Pressure gauge
		01 : 1/8"	Blank : G N : NPT	Blank : W/O bracket B : W/I bracket	Blank : W/O gauge G : W/I gauge

*For port size with Rc thread, please contact your sales representative.

■ Specifications

Model	PR200
Port size	1/8", 1/4"
Fluid	Compressed air
Regulator construction	Diaphragm
Body material	Aluminum die-cast
Operating pressure range	0.15 ~ 7 kgf/cm ²
Max. inlet pressure	12 kgf/cm ²
Max. flow rate l/min (ANR)	1500
Ambient temperature	-10°C ~ 60°C
Net weight	205g
Accessories	Plug x2
Option	Pressure gauge, Mounting bracket set

■ Dimensions



■ How to set up

- 1. Turn the knob on safety valve clockwise until safety valve closed.
- 2. Adjust pressure regulator in front to set up requested pressure.
- 3. Turn the knob on safety valve counter-clockwise until the pressure start releasing from outlet, which means the setting is completed.

Memo...

