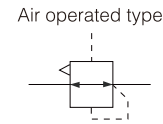
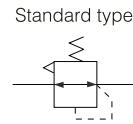




Symbol



Product feature

1. small size, light weight.
2. accurate pressure setting.
3. The pitch of the adjusting screw is changed from traditional 0.75mm to 0.5mm.
4. Easy to install. It can be installed independently by bracket or directly installed with the modular filter assembly AF and AFM.
5. Standard type also has panel installation.
6. The pilot exhaust port is separated from the main exhaust port.
7. Can be used in clean rooms (special injection products).

Ordering code

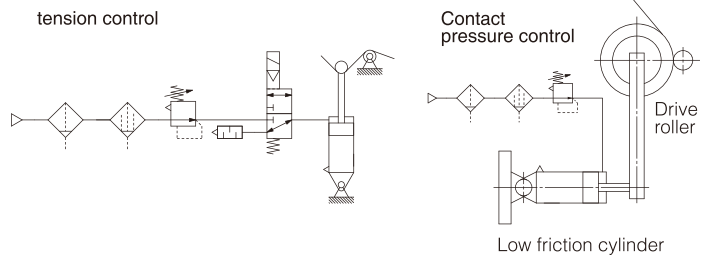
IR	2	0	0	0	02
Model	Body size	Type of setting	Set pressure range		Port size
IR Precision regulator	1 IR1000 series 2 IR2000 series 3 IR3000 series	0 Basic type(Knob) 1 Air operated type (only IR ₃ 000)	IR1000/2000 series	IR3000 series	Symbol Size Application
			0 0.05~0.2MPa 1 0.01~0.4MPa 2 0.01~0.8MPa	0 0.01~0.2MPa 1 0.01~0.4MPa 2 0.01~0.8MPa	01 1/8" IR1000 IR2000 IR3000 02 1/4" IR2000 IR3000 03 3/8" IR3000 04 1/2" IR3000
			Note: Air operated type only IR2120	Note: Air operated type only IR3120	

Common specifications

sensitivity	Within 0.2% full degree	
Repeatability accuracy	Within ±0.5% full degree	
Gas consumption	IR10□0	Max.4.4ℓ/min(ANR)Under 1.0MPa pressure
	IR20□0	Max. 4.4ℓ/min(ANR) Under 1.0MPa pressure
	IR2120	
	IR30□0	Max.11.5ℓ/min(ANR) Under 1.0MPa pressure
	IR3120	
Environment and fluid temperature	-5℃~60℃(Not frozen)	
Maximum operating pressure	1.0MPa	
Pressure gauge connecting caliber	1/8"	

Note: gas filter (AF) and oil mist separator (AM and AFM) shall be used in the supply side.

Application example

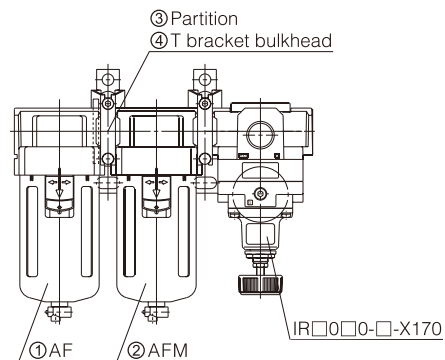


Model/Specifications

Model ^(Note)		Specifications			Accessories(optional)	
		Minimum use pressure (MPa)	Set the pressure range(MPa)	Pipe size	Pressure gauge type	Bracket type
Standard type	IR1000-01	Set pressure + 0.05	0.005~0.2	1/8"	G33-2-01	P36201023
	IR1010-01		0.01~0.4		G33-4-01	
	IR1020-01		0.01~0.8		G33-10-01	
	IR2000-02		0.005~0.2		G43-2-01	
	IR2010-02	Set pressure + 0.1	0.01~0.4	1/4"	G43-4-01	P36202028
	IR2020-02		0.01~0.8		G43-10-01	
	IR3000-□		0.01~0.2		G43-2-01	
	IR3010-□	0.01~0.4	3/8"	G43-4-01	P362030-20	
	IR3020-□	0.01~0.8	1/2"			
Air control type	IR2120-02	Set pressure + 0.05	0.01~0.8	1/4"	G43-10-01	P36202028
	IR3120-□	Set pressure + 0.1	0.01~0.8	1/4" 3/8" 1/2"		P362030-20

Note: □-Representative pipe size
02=1/4", 03=3/8", 04=1/2"

Installed on modular filter assembly



Suitable for accessory names	Suitable model		
	IR10□0-01-X170	IR20□0-02-X170	IR30□0-□□-X170
①Air filter	AF20-A	AF30-A	AF40-A
②Oil mist separator	AFM20-A	AFM30-A	AFM40-A
③bulkhead	Y200-A	Y300-A	Y400-A
④T bracket bulkhead	Y200T-A	Y300T-A	Y400T-A

Note: modular combination of filters with non-standard models (IR□□□□-□□-X170)

FRL

AC/BC

AFC/BFC

AFR/BFR

AF/BF

AR/BR

AL/BL

SR

SDR

AC

AW

AF

AR

AL

F3

F2

F1

F

R

L

USFRL

USFR/L

USFR

USF

USR

USL

QSL

QTY

QIU

QTYH

QSLH

QFRH

AF

AF(Big)

AL(Big)

AR(Big)

AD402

AH402

AD-5

IR

ITV

ACR

F804

PG

FRL

AC/BC

AFC/BFC

AFR/BFR

AF/BF

AR/BR

AL/BL

SR

SDR

AC

AW

AF

AR

AL

F3

F2

F1

F

R

L

USFRL

USFR/L

USFR

USF

USR

USL

QSL

QTY

QIU

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AL(Big)

AR(Big)

AD402

AH402

AD-5

IR

ITV

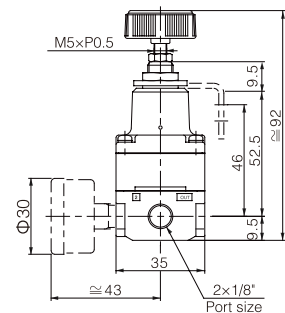
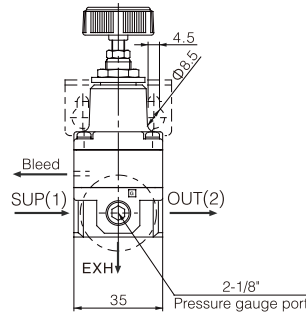
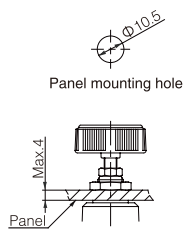
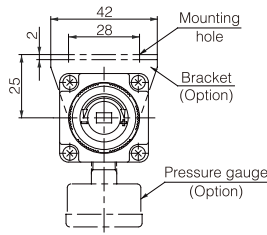
ACR

F804

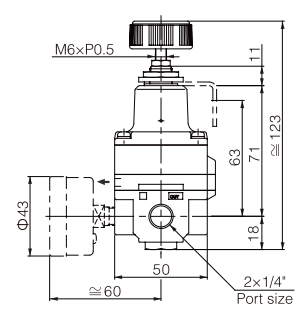
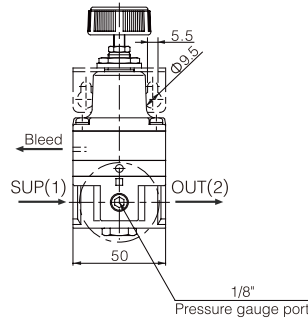
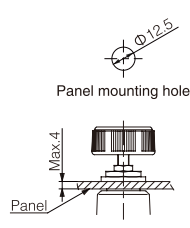
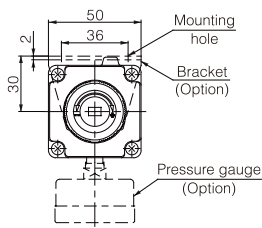
PG

Dimensions

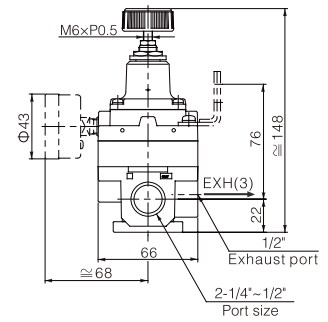
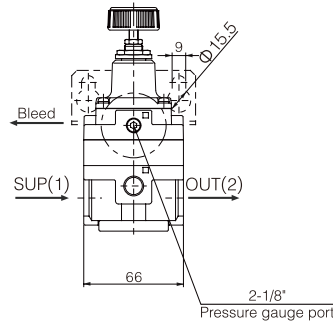
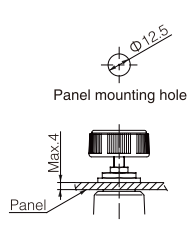
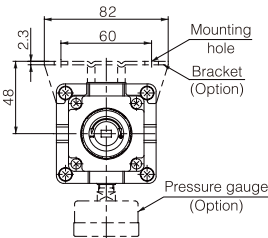
IR10□0-01



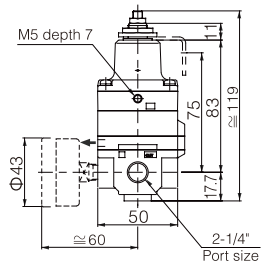
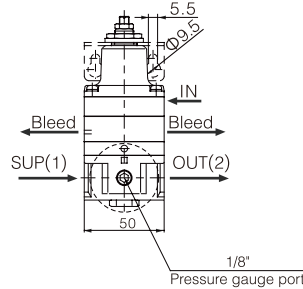
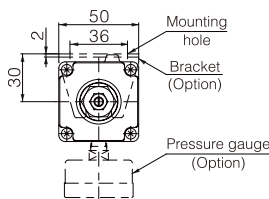
IR20□0-02



IR30□0-0□



IR2120-02□ (Air control type)



IR3120-0□□ (Air control type)

