



FUJIKURA COMPOSITES

GENERAL PURPOSE TYPE AIR REGULATOR

RA SERIES

RB SERIES

- ▶ Excellent in pressure and flow characteristics
- ▶ Figures are also available for mounting manifold



FUJIKURA RUBBER LTD.



GENERAL PURPOSE TYPE AIR REGULATOR

FEATURES

- Compact and light(130g[0.3pound])
- Figures are also available for mounting manifold
- Available for no oil specification (RA series only)
- Excellent in pressure and flow characteristics
- Repeatability $\pm 0.3 \sim 1.0\%$ F.S
- Push-lock type knob



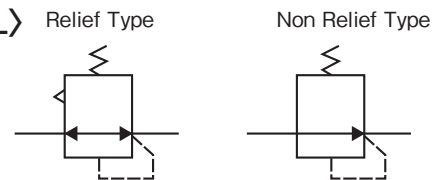
RAseries SPECIFICATIONS

Term	Type	RA-2-1	RA-4-1
	Relief Type		
	Non Relief Type	RA · NR-2-1	RA · NR-4-1
Working Fluid	Compressed Clean Air		
Set Pressure Range (MPa [psi])		0.2 Max. [29]	0.4 Max. [58]
Supply Pressure Range (MPa [psi])		1 Max. [145]	
Repeatability (%F.S)		± 1.0	± 0.5
Operating Temperature (°C [°F])		5 ~ 60 [41 ~ 140]	
Pipe Port (Rc)		1/8	
Gauge Port		M5×0.8 (M5×0.03)	
Weight (kg [pound])		0.13 [0.3]	
Accessory Parts		Panel Mounting Nut, Gauge Port Plug	

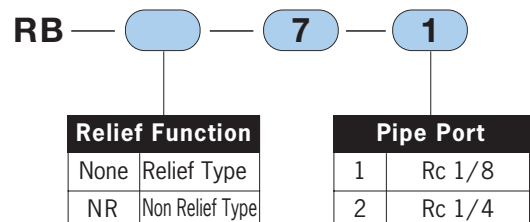
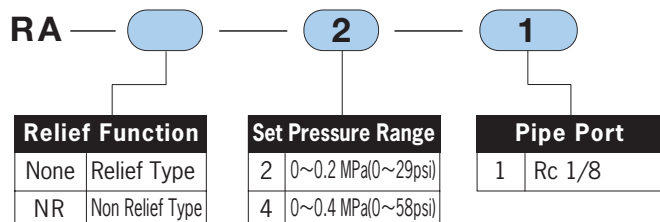
RBseries SPECIFICATIONS

Term	Type	RB-7-1	RB-7-2
	Relief Type		
	Non Relief Type	RB·NR-7-1	RB·NR-7-2
Working Fluid	Compressed Clean Air		
Set Pressure Range (MPa [psi])		0.7 Max. [102]	
Supply Pressure Range (MPa [psi])		1 Max. [145]	
Repeatability (%F.S)		Within ± 0.3	
Operating Temperature (°C [°F])		5 ~ 60 [41 ~ 140]	
Pipe Port (Rc)		1/8	1/4
Gauge Port		M5×0.8 (M5×0.03)	
Weight (kg [pound])		0.13 [0.3]	
Accessory Parts		Panel Mounting Nut, Gauge Port Plug	

<JIS SYMBOL>

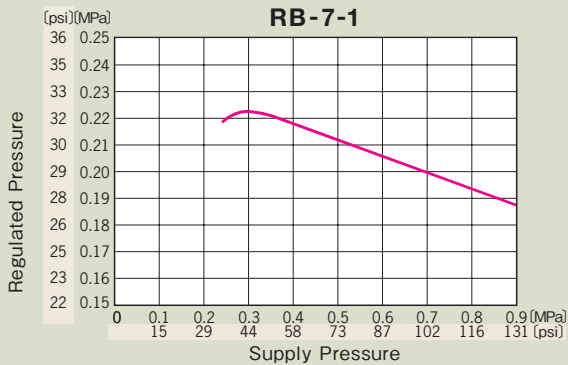
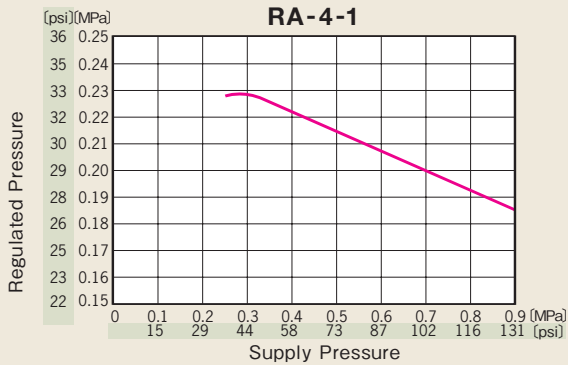
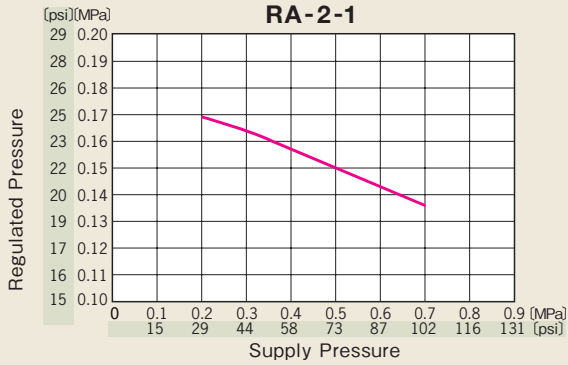


<MODEL DESIGNATION>

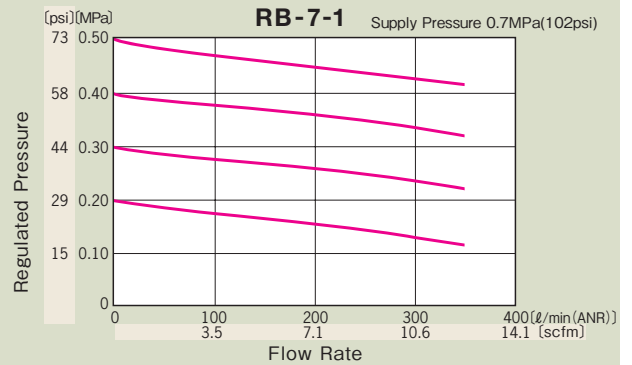
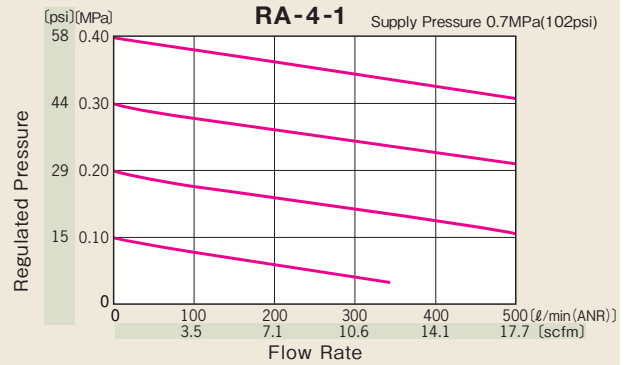
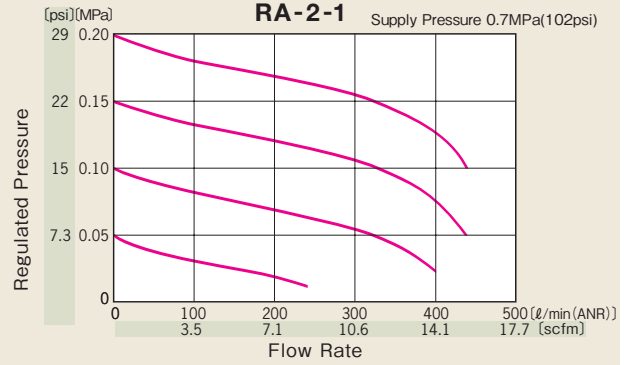


PERFORMANCES

Pressure Characteristics



Flow Characteristics

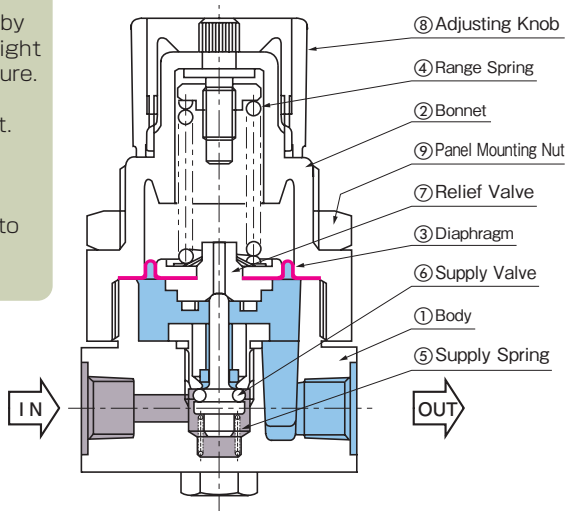


CONSTRUCTION AND MATERIALS

How to control pressure

Control pressure by turning knob to right to increase pressure.
To increase → Turn knob to right.
To decrease → Turn knob to left.

Please pull knob to unlock when you cannot turn knob

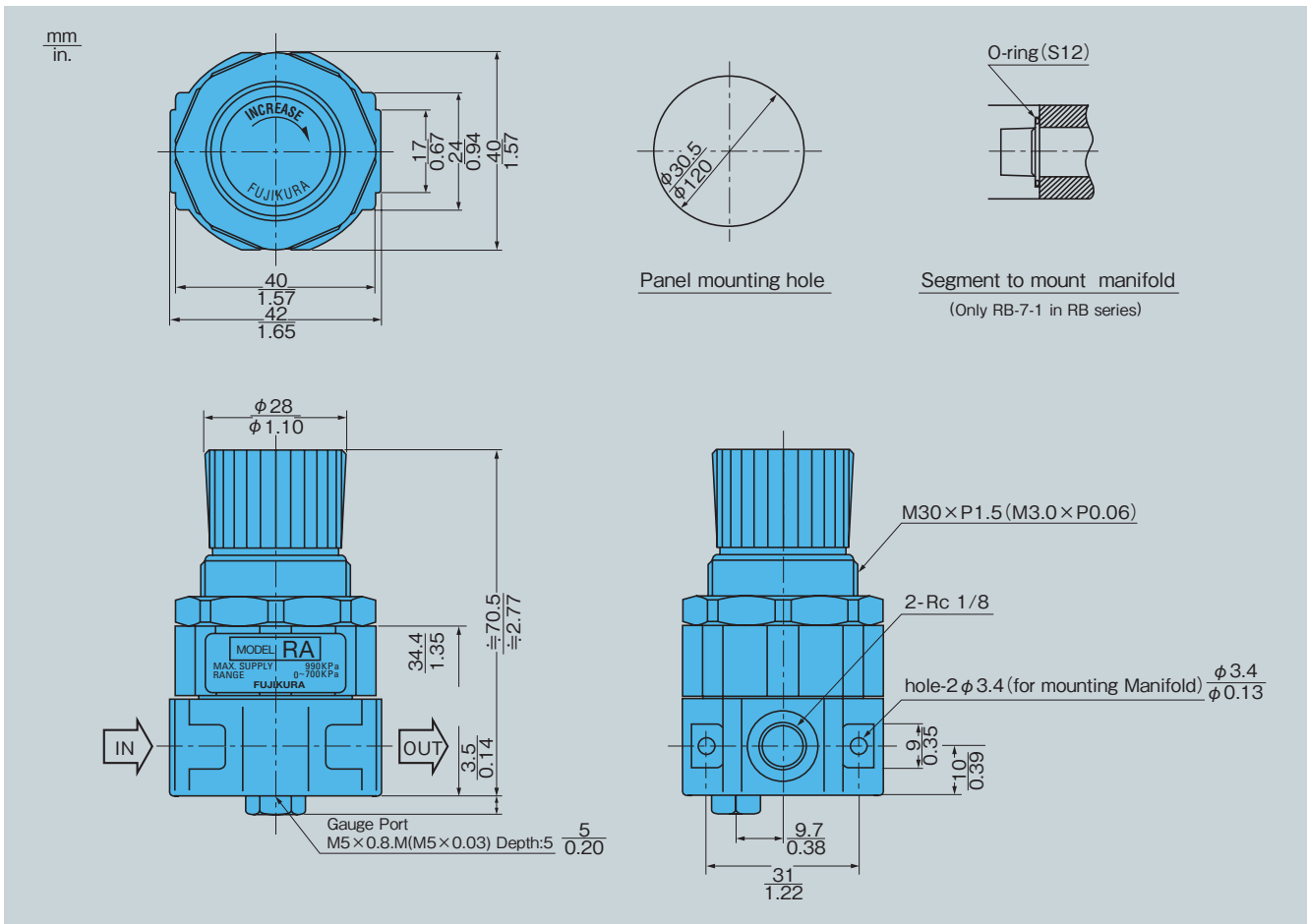


RA series

No.	Part	Materials	Remarks
①	Body	Aluminum Alloy For Diecast	Nickel Plating
②	Bonnet	Polyacetal	
③	Diaphragm	Fluororubber With Cloth	
④	Range Spring	Stainless Steel Wire	
⑤	Supply Spring	Stainless Steel Wire	
⑥	Supply Valve	Fluororubber, Stainless Steel	
⑦	Relief Valve	Polyacetal	
⑧	Adjusting Knob	Polyacetal	
⑨	Panel Mounting Nut	Zinc Diecast	Nickel Plating

RB series

No.	Part	Materials	Remarks
①	Body	Aluminum Alloy For Diecast	Special Stain Processing
②	Bonnet	Polyacetal	
③	Diaphragm	Nitrile Rubber With Cloth	
④	Range Spring	Piano Wire	Trivalent Chromate
⑤	Supply Spring	Stainless Steel Wire For Spring	
⑥	Supply Valve	Nitrile Rubber, Brass	
⑦	Relief Valve	Polyacetal	
⑧	Adjusting Knob	Polyacetal	
⑨	Panel Mounting Nut	Zinc Diecast	Nickel Plating



⚠ CAUTION

- ① Use compressed clean air within the specified pressure range. (Impurities 5µm or less.)
- ② When a foreign object gets mixed in a pipe, it becomes the cause trouble in movement.
- ③ When you screw a coupling into a regulator, be careful not to get mixed with seal tape.
- ④ When you connect a coupling to a regulator, please be careful not to close too tight.
- ⑤ Please connect to the right direction.
- ⑥ When you attached valve inside of the regulator, the pressure of the outside may become unstable.
- ⑦ There is a little leak from relief-part when you use relief type.

Note: Specifications subject to change without notice for improvement and modifications.