



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

Type	Relief Type	RA-2-1	RA-4-1
	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	

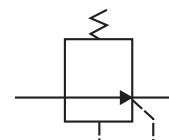
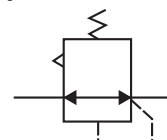
RBseries SPECIFICATIONS

Type	Relief Type	RB-7-1	RB-7-2
	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	

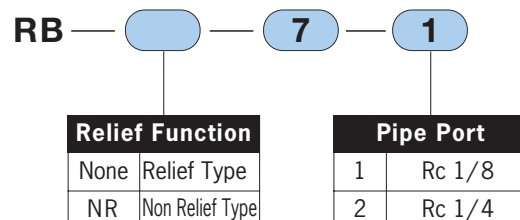
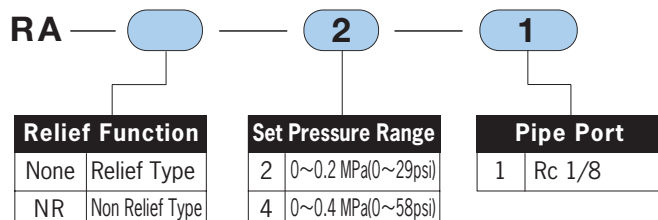
〈JIS SYMBOL〉

Relief Type

Non Relief Type

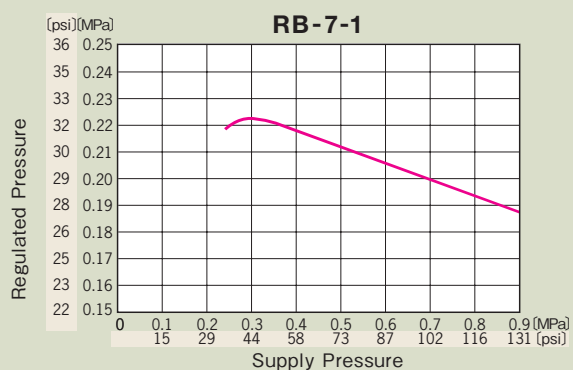
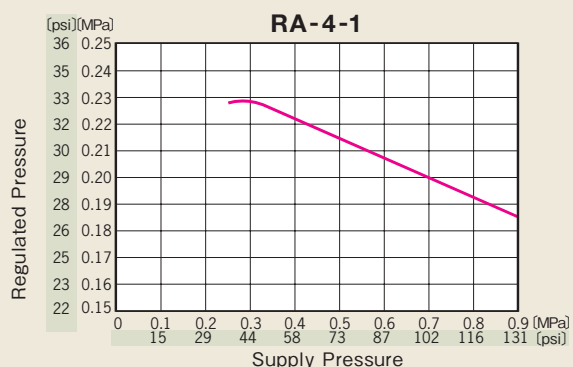
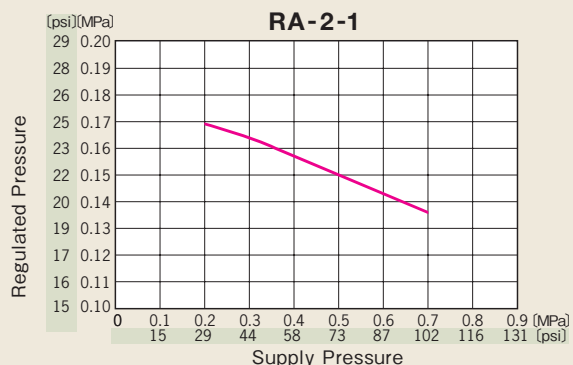


〈MODEL DESIGNATION〉

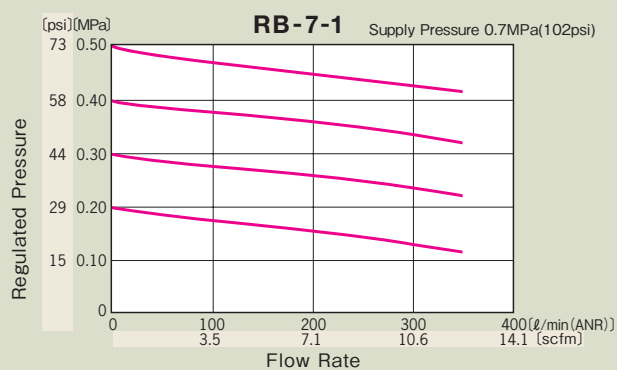
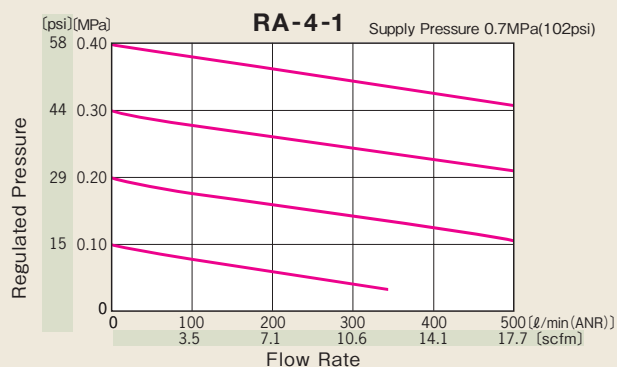
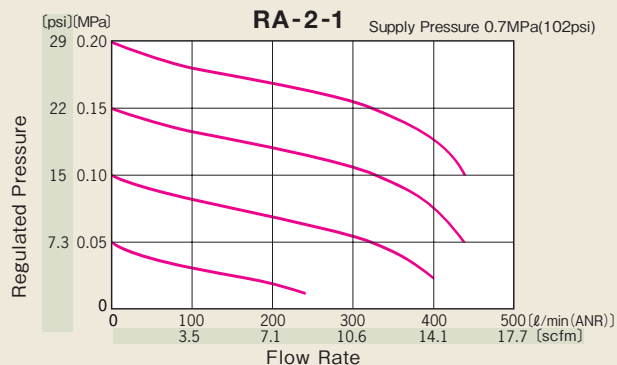


PERFORMANCES

Pressure Characteristics



Flow Characteristics

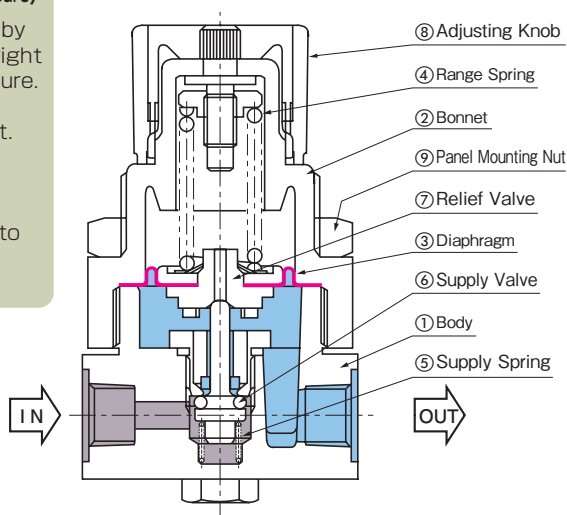


CONSTRUCTION AND MATERIALS

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



RA/RB SERIES



- ☆If you have any question, FUJIKURA are ready to assist you. Please consult us at the address printed on the back cover.