

# REGULATORS

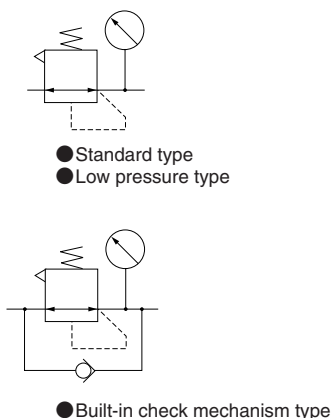
## R150, R300, R600

- Compact size achieves stable pressure regulation and large flow rate.
- Push lock type regulator knob for light, smooth pressure regulation.
- Pressure gauge with preset marker is standard equipment.
- Model for low pressure and model with built-in check mechanism also incorporated into the series.



MULTI SERIES

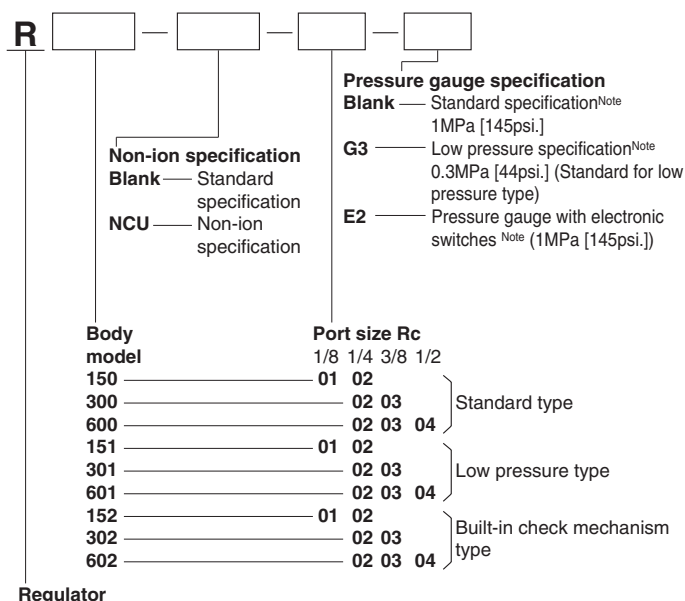
### Symbols



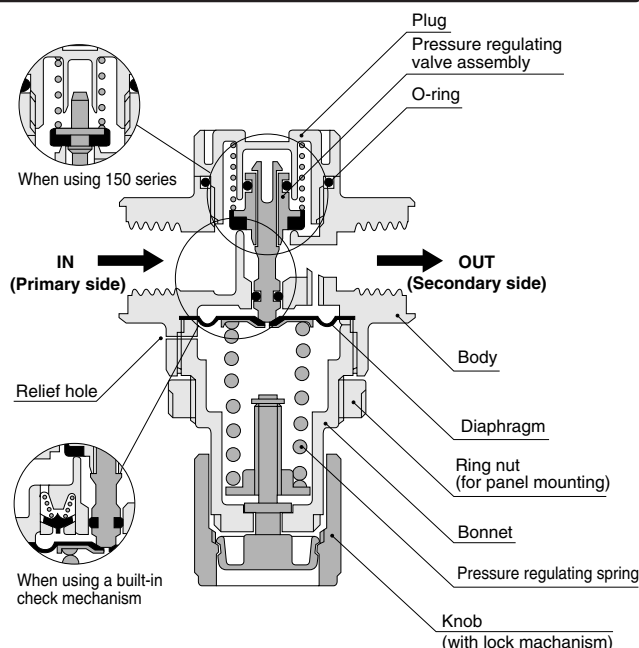
### Specifications

Model	Standard type	R150	R300	R600
	Low pressure type	R151	R301	R601
Item	Built-in check mechanism type	R152	R302	R602
Media	Air			
Port size	Rc	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2
Pressure setting range	Standard and built-in check mechanism types	0.05~0.83 [7~120]		
	Low pressure type	0.05~0.25 [7~36]		
Maximum operating pressure	MPa [psi.]	0.93 [135]		
Proof pressure	MPa [psi.]	1.47 [213]		
Operating temperature range (atmosphere and media)	°C [°F]	5~60 [41~140]		
Lubrication	Not required			
Mass (with pressure gauge)	kg [lb.]	0.20 [0.44]	0.23 [0.51]	0.32 [0.71]
Materials		Aluminum die-casting	Zinc die-casting	Aluminum die-casting
Standard attachments	Standard and built-in check mechanism types	Bracket and pressure gauge G1-40 (φ 40×1MPa [145psi.])		
	Low pressure type	Bracket and pressure gauge G3-40 (φ 40×0.3MPa [44psi.])		

### Order Codes



### Inner Construction



Note: For the specifications and dimensions for the pressure gauge, and pressure gauge with electronic switches, see p.172 and 177~181.

### System Upgrade Using a Regulator with Built-in Check Mechanism

The regulator with built-in check mechanism is equipped with a built-in check valve that opens up when the primary pressure falls off, causing the pressure balance to collapse and simultaneously opening up the main valve to relieve the secondary pressure to the primary side.

#### Changing push side and pull side thrust

The thrust on an air cylinder's push side and pull side can be changed easily. Cylinders can be operated at low pressure on the side where thrust is not required, allowing reduction of air consumption.

