



RZ Series - Pressure Regulators

The next-generation pressure regulator provides improved operation and maintenance. Its direct drive, internal pilot system yields enhanced flow rate characteristics allowing close side-by-side spacing. The Selection Guide provides a summary of the 7 different Pressure Regulators.

- High Flow in a Compact Body Size
- Small Envelope Achieved with the Built-in Pressure Gauge
- Pressure Range Window Makes It Easy to Ensure Correct Setting
- Tamper Resistant with Removable Adjustment Knob
- Complete Air Prep Assembly Capability with Sizes 40 and 50
- RoHS Compliance

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

Regulator

Regulator Low Pressure

Regulator with Reverse Flow Check

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Model	Operation	Port Sizes metric [imperial]	Width mm [in]	Modular	Max Flow l/m [cfm]	Filtration micron	Bowl Volume ml [oz]	Bowl Drain Types	Set Pressure Range MPa [psi]	Relief Start Pressure MPa [psi]	Gauge Port Sizes metric [imperial]	Operating Pressure MPa [psi]	Temperature Range °C [°F]
RZ30 / RZ30-F11	Regulator	M5, Rc1/8, 1/4 [1/8, 1/4 NPT]	35 [1.38]	No	750 [26.5]	N/A	N/A	N/A	0.05 - 0.85 [7.3 - 123.3]	+0.05 [+7.3]	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
RZ40 / RZ40-F11	Regulator	Rc1/8, 1/4, 3/8 [1/8, 1/4, 3/8 NPT]	40 [1.57]	Yes	1500 [53]	N/A	N/A	N/A	0.05 - 0.85 [7.3 - 123.3]	+0.05 [+7.3]	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
RZ50 / RZ50-F11	Regulator	Rc1/4, 3/8, 1/2 [1/4, 3/8, 1/2 NPT]	50 [1.97]	Yes	3000 [105.9]	N/A	N/A	N/A	0.05 - 0.85 [7.3 - 123.3]	+0.05 [+7.3]	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
RZ31 / RZ31-F11	Regulator Low Pressure	M5, Rc1/8, 1/4 [1/8, 1/4 NPT]	35 [1.38]	No	50 [1.8]	N/A	N/A	N/A	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
RZ41 / RZ41-F11	Regulator Low Pressure	Rc1/8, 1/4, 3/8 [1/8, 1/4, 3/8 NPT]	40 [1.57]	Yes	1500 [53]	N/A	N/A	N/A	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
RZ51 / RZ51-F11	Regulator Low Pressure	Rc1/4, 3/8, 1/2 [1/4, 3/8, 1/2 NPT]	50 [1.97]	Yes	3000 [105.9]	N/A	N/A	N/A	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]

Focused on providing industry leading pneumatic, fluid handling, and electrical automation components and assemblies for the OEM market | Think KOGANEI

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RZ32 / RZ32-F11	Regulator with Reverse Flow Check	M5, Rc1/8, 1/4 [1/8, 1/4 NPT]	35 [1.38]	No	750 [26.5]	N/A	N/A	N/A	0.05 - 0.85 [7.3 - 123.3]	+0.05 [+7.3]	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]