

## FRZ Series - Compact Filter Regulators



Next generation of filter regulator. Ideal for use on pneumatic lines downstream of other moisture and fluid removal units. Elimination of drain function provides greater mounting flexibility. Simple bowl attachment design enables easy removal for filter element replacement. The Selection Guide provides a summary of the 7 different Filter Regulators.

- High Flow in a Compact Body Size
- Complete Air Prep Assembly Capability with Sizes 40 and 50
- Tamper Resistant with Removable Adjustment Knob
- Short Bowl Filter (w/o Drain) Is Ideal for Tight Envelopes
- Pressure Range Window Makes It Easy Ensure Correct Setting
- 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

Filter Regulator

Filter Regulator Low Pressure

Filter 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]
FRZ30	Filter Regulator	M5, Rc1/8, 1/4 [10-32, 1/8, 1/4 NPT]	35 [1.38]	No	750 [26.5]	5	13 [0.4]	None	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
FRZ40	Filter Regulator	Rc1/8, 1/4, 3/8 [1/8, 1/4, 3/8 NPT]	40 [1.57]	Yes	1500 [53]	5	16 [0.5]	None	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
FRZ50	Filter Regulator	Rc1/4, 3/8, 1/2 [1/4, 3/8, 1/2 NPT]	50 [1.97]	Yes	2500 [88.3]	5	27 [0.9]	None	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]
FRZ31	Filter Regulator Low Pressure	M5, Rc1/8, 1/4 [10-32, 1/8, 1/4 NPT]	35 [1.38]	No	Consult Factory	5	13 [0.4]	None	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]
FRZ41	Filter Regulator Low Pressure	Rc1/8, 1/4, 3/8 [1/8, 1/4, 3/8 NPT]	40 [1.57]	Yes	Consult Factory	5	16 [0.5]	None	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]
FRZ51	Filter Regulator Low Pressure	Rc1/4, 3/8, 1/2 [1/4, 3/8, 1/2 NPT]	50 [1.97]	Yes	Consult Factory	5	27 [0.9]	None	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]

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FRZ32	Filter Regulator with Reverse Flow Check	M5, Rc1/8, 1/4 [10-32, 1/8, 1/4 NPT]	35 [1.38]	No	750 [26.5]	5	13 [0.4]	None	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/8, 1/4, integral [1/8, 1/4 NPT, integral]	1 [145.0]	5 - 60 [41 - 140]