



CMZ Series - Water Separator Filter Regulator Combinations

Combination unit designed for water removal with filter regulator function. Reduces labor hours for configuration and assembly while providing space savings for device and machine. The Selection Guide provides a summary of the 12 different Water Separator / Filter Regulators.

- Easily Combine iB-Cyclone and FRZ
- Many Gauge and Auxiliary Configurable Components Available
- Tamper Resistant with Removable Adjustment Knob
- Large Flow in Compact Envelope
- Residual Pressure Exhaust Valve Optional
- 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

Water Separator & Filter Regulator

Water Separator & Filter Regulator & Manual Valve

Water Separator & Filter Regulator Low P & Manual Valve

Water Separator & Filter Regulator Low Pressure

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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]
CMZ440	Water Separator & Filter Regulator	Rc1/8, 1/4, 3/8 [upon request]	90.2 [3.55]	Yes	1500 [53]	5	16 [0.5]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ540	Water Separator & Filter Regulator	Rc1/4, 3/8 [upon request]	100.2 [3.94]	Yes	2000 [70.6]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ550	Water Separator & Filter Regulator	Rc1/4, 3/8, 1/2 [upon request]	110.2 [4.34]	Yes	3000 [105.9]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ440-V	Water Separator & Filter Regulator & Manual Valve	Rc1/8, 1/4, 3/8 [upon request]	90.2 [3.55]	Yes	1500 [53]	5	16 [0.5]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ540-V	Water Separator & Filter Regulator & Manual Valve	Rc1/4, 3/8 [upon request]	100.2 [3.94]	Yes	2000 [70.6]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ550-V	Water Separator & Filter Regulator & Manual Valve	Rc1/4, 3/8, 1/2 [upon request]	110.2 [4.34]	Yes	3000 [105.9]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.85 [7.3 - 123.3]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]

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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]
CMZ441-V	Water Separator & Filter Regulator Low P & Manual Valve	Rc1/8, 1/4, 3/8 [upon request]	90.2 [3.55]	Yes	1500 [53]	5	16 [0.5]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ541-V	Water Separator & Filter Regulator Low P & Manual Valve	Rc1/4, 3/8 [upon request]	100.2 [3.94]	Yes	2000 [70.6]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ551-V	Water Separator & Filter Regulator Low P & Manual Valve	Rc1/4, 3/8, 1/2 [upon request]	110.2 [4.34]	Yes	3000 [105.9]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ441	Water Separator & Filter Regulator Low Pressure	Rc1/8, 1/4, 3/8 [upon request]	90.2 [3.55]	Yes	1500 [53]	5	16 [0.5]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ541	Water Separator & Filter Regulator Low Pressure	Rc1/4, 3/8 [upon request]	100.2 [3.94]	Yes	2000 [70.6]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]
CMZ551	Water Separator & Filter Regulator Low Pressure	Rc1/4, 3/8, 1/2 [upon request]	110.2 [4.34]	Yes	3000 [105.9]	5	27 [0.9]	Auto-NO, Auto-NC, Manual	0.05 - 0.4 [7.3 - 58.0]	Consult Factory	Rc1/4 [upon request]	1 [145.0]	5 - 60 [41 - 140]