



The **SAFEST WATER** In The World

Vault™ Self Cleaning MIXED OXIDANT Specifications

MIOX Corporation's new **VAULT™** small series on-site generator is the first of its kind. Designed for high efficiency, low lifecycle cost, durability and reliability, the self-cleaning VAULT with self-adjusting flow control is virtually maintenance free. With over 40% improved salt and energy efficiencies and a new self-cleaning system, the VAULT is built for cost-effective, problem-free operation. The VAULT features an easy-to-upgrade cell to convert between sodium hypochlorite and advanced mixed oxidant with expandable capacity for the ultimate flexibility. Using just salt and power to generate a dilute chlorine-based solution eliminates the storage and handling of hazardous disinfection chemicals while providing a chlorine residual.

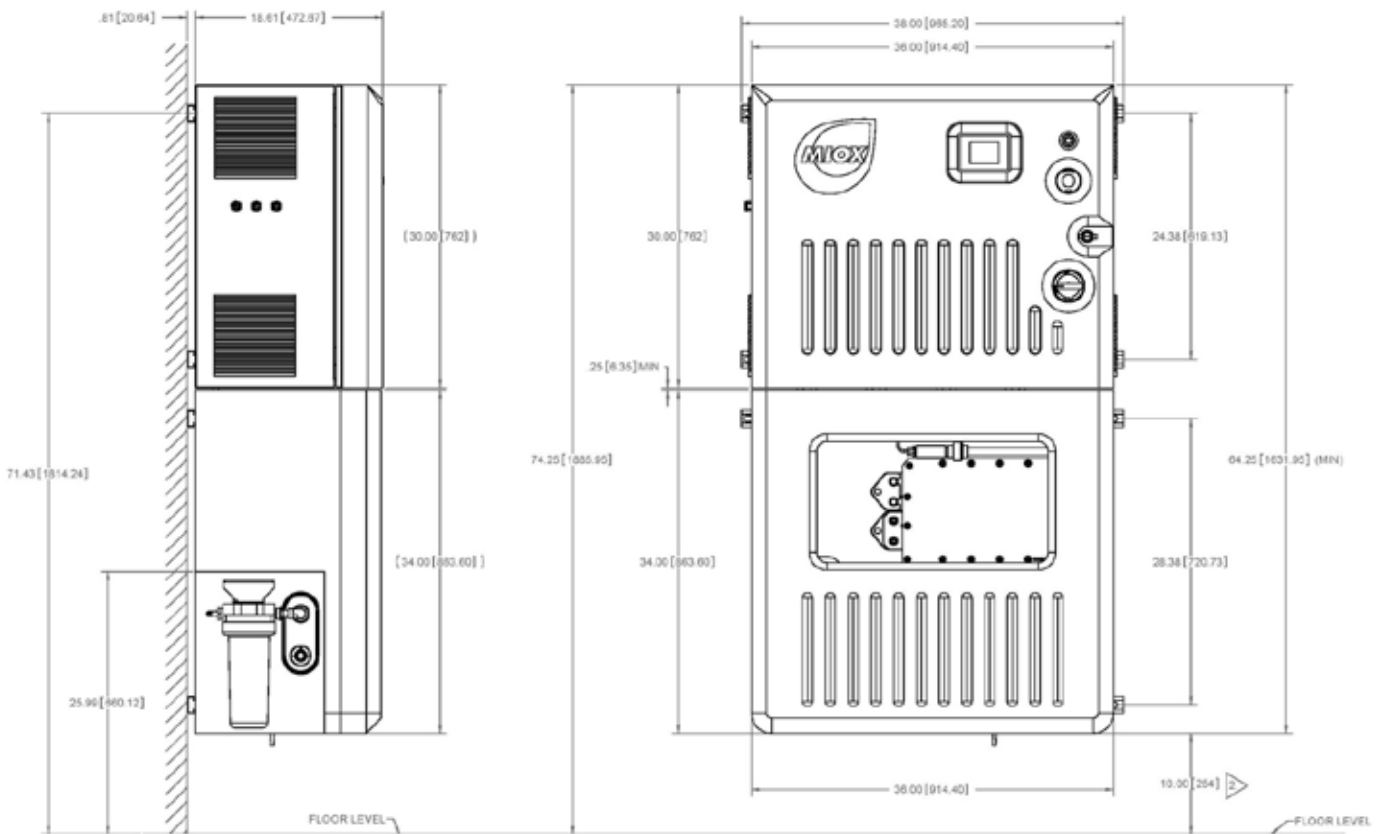
	M Vault 15	M Vault 30	M Vault 45	M Vault 60
Rated FAC Capacity	15 lbs/day 6.8 kg/day	30 lbs/day 13.6 kg/day	45 lbs/day 20.4 kg/day	60 lbs/day 27.2 kg/day
Water Treatment Capacity (at 1 ppm FAC)	1.8 MGD 6,813 m3/day	3.6 MGD 13,626 m3/day	5.4 MGD 20,439 m3/day	7.2 MGD 27,252 m3/day
Salt Conversion (SCE)*	3.0 lb salt/lb FAC 3.0 kg salt/kg FAC			
Energy Conversion (ECE)*	3.0 kW-hr/lb FAC 6.6 kW-hr/kg FAC			
FAC Concentration*	4,500 mg/L (+/- 1,000)			
Flow Rate	19 gph (+/- 15%) 72 lph (+/- 15%)	38 gph (+/- 15%) 144 lph (+/- 15%)	57 gph (+/- 15%) 216 lph (+/- 15%)	76 gph (+/- 15%) 288 lph (+/- 15%)
Electrical Service per	220 VAC, 1 ph, 30A, 50/60 hertz	220 VAC, 1 ph, 60A, 50/60 hertz	220 VAC, 1 ph, 90A, 50/60 hertz	220 VAC, 1 ph, 120A, 50/60 hertz
Number of Dedicated Circuits	1			
Air Temp. Required	45° to 110° F 7.2° to 43.3° C			
Feed Water Temp. Required	50° to 80° F 10° to 26.7° C			
Feed Water Pressure	>25 <100 psi >172 <689 kPa			
Energy Add for Internal Vent (kW)	0.7	1.4	2.1	2.8
Dimensions (WxDxH)	38 x 18 x 64.25 inches 96.5 x 45.7 x 163.2 cm			
Shipping Size (WxDxH)	TBD			
Shipping Weight (Appx.)	TBD			
Self Cleaning	YES			

* Performance may vary depending on salt quality, water quality, and temperature.

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Vault™ Self Cleaning MIXED OXIDANT Drawing

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