



The **SAFEST WATER** In The World

# Vault™ Self Cleaning HYPO 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.

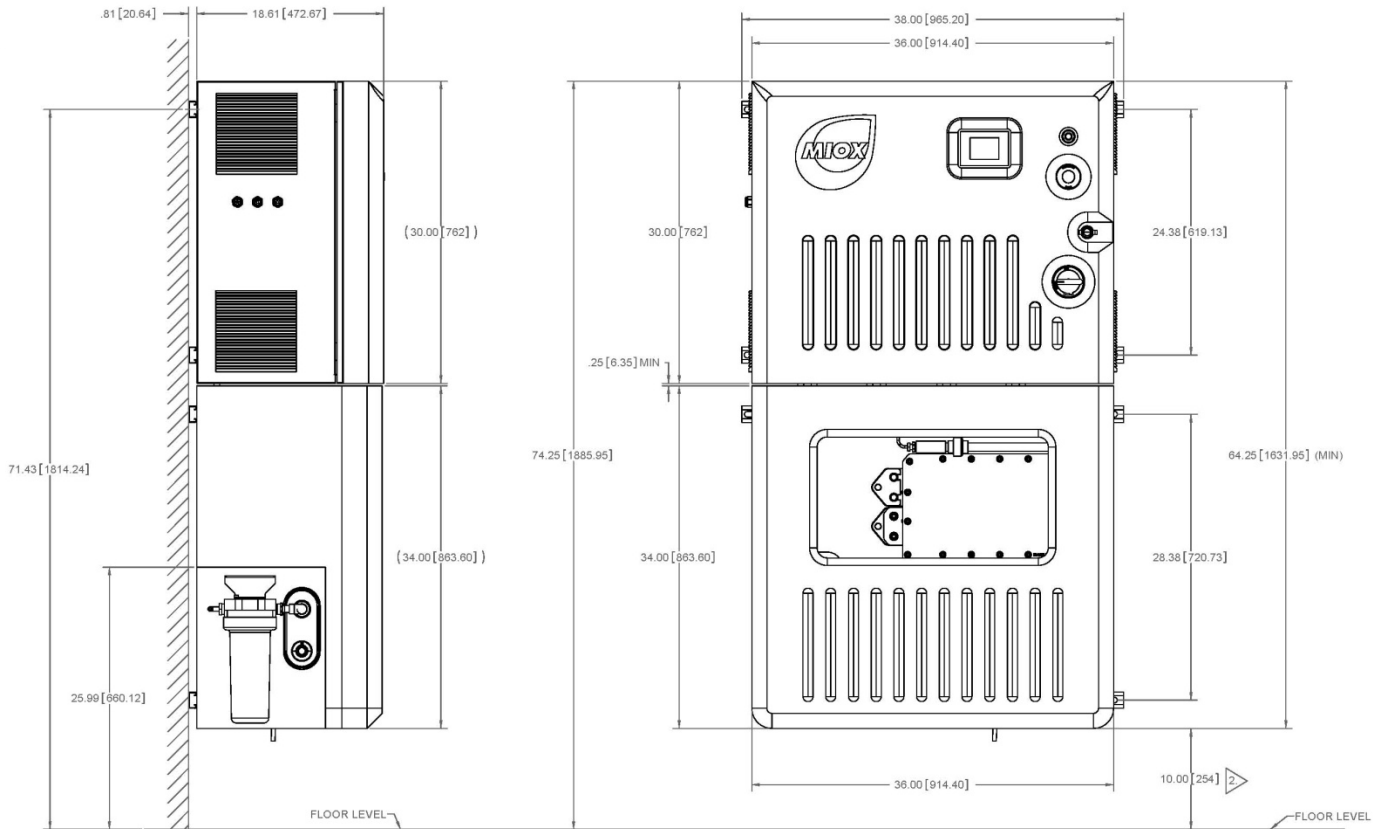
	H Vault 25	H Vault 50	H Vault 75	H Vault 100
<b>Rated FAC Capacity</b>	25 lbs/day 11.3 kg/day	50 lbs/day 22.7 kg/day	75 lbs/day 34 kg/day	100 lbs/day 45.4 kg/day
<b>Water Treatment Capacity (at 1 ppm FAC)</b>	3.0 MGD 11,355 m <sup>3</sup> /day	6.0 MGD 22,710 m <sup>3</sup> /day	9.0 MGD 34,065 m <sup>3</sup> /day	12.0 MGD 45,420 m <sup>3</sup> /day
<b>Salt Conversion (SCE)*</b>	3.0 lb salt/lb FAC 3.0 kg salt/kg FAC			
<b>Energy Conversion (ECE) *</b>	2.0 kW-hr/lb FAC 4.4 kW-hr/kg FAC			
<b>FAC Concentration*</b>	6,500 mg/L (+/- 1,000)			
<b>Flow Rate</b>	22.5 gph (+/- 15%) 85.2 lph (+/- 15%)	45 gph (+/- 15%) 170.4 lph (+/- 15%)	67.5 gph (+/- 15%) 255.6 lph (+/- 15%)	90 gph (+/- 15%) 340.8 lph (+/-15%)
<b>Electrical Service Requirement</b>	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
<b>Number of Dedicated Circuits</b>	1			
<b>Air Temp. Required</b>	45° to 110° F 7.2° to 43.3° C			
<b>Feed Water Temp. Required</b>	50° to 80° F 10° to 26.7° C			
<b>Feed Water Pressure</b>	>25 <100 psi >172 <689 kPa			
<b>Energy Add for Internal Vent (kW)</b>	0.7	1.4	2.1	2.8
<b>Dimensions (WxDxH)</b>	38 x 18 x 64.25 inches 96.5 x 45.7 x 163.2 cm			
<b>Shipping Size (WxDxH)</b>	TBD			
<b>Shipping Weight (appx.)</b>	TBD			
<b>Self Cleaning</b>	YES			

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

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Vault™ Self Cleaning HYPO Drawing

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