



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.

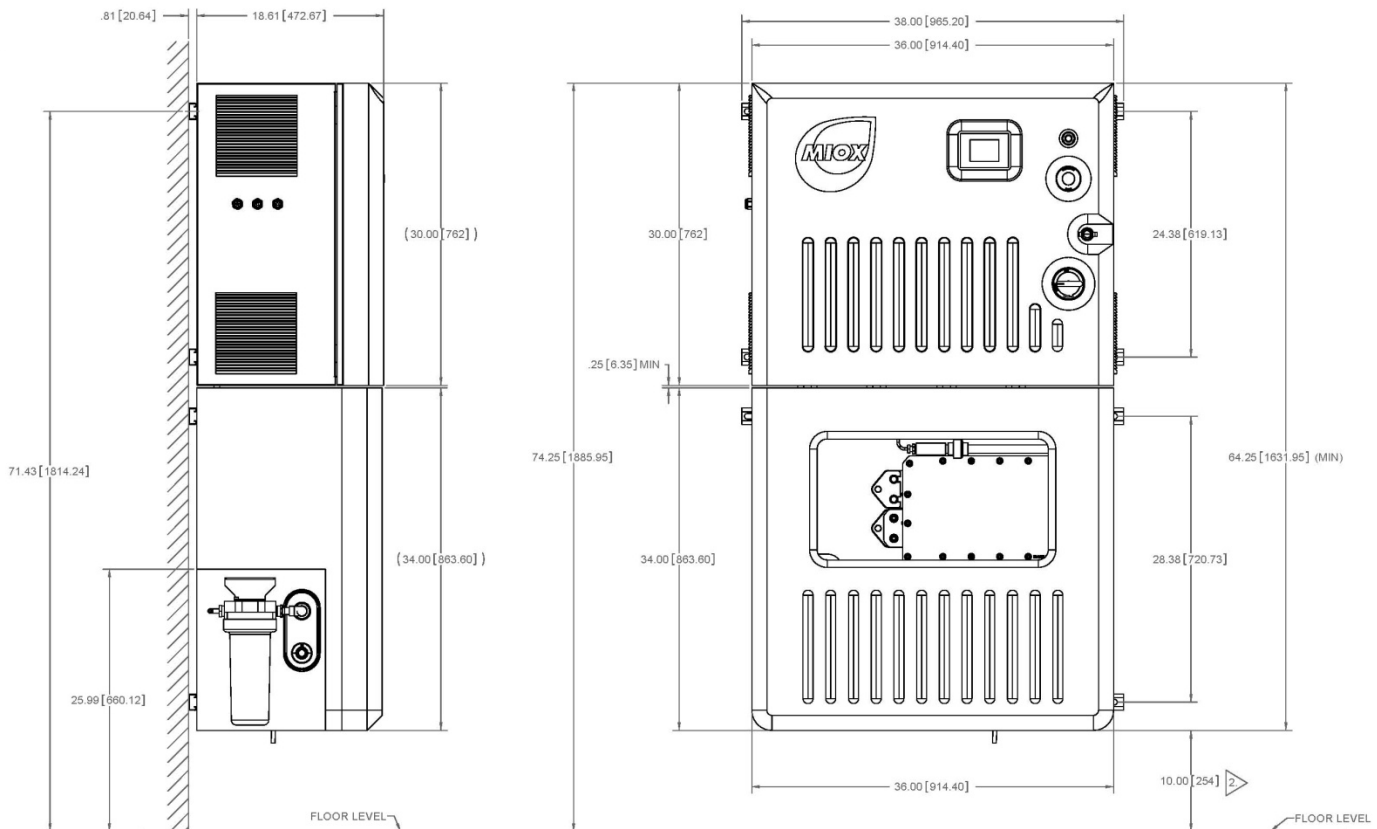
	H Vault 25	H Vault 50	H Vault 75	H Vault 100
Rated FAC Capacity*	25 lbs/day 11.3 kg/day	50 lbs/day 22.7 kg/day	75 lbs/day 34 kg/day	100 lbs/day 45.4 kg/day
Water Treatment Capacity (at 1 ppm FAC)	3.0 MGD 11,355 m ³ /day	6.0 MGD 22,710 m ³ /day	9.0 MGD 34,065 m ³ /day	12.0 MGD 45,420 m ³ /day
Salt Conversion (SCE)	3.0 lb salt/lb FAC 3.0 kg salt/kg FAC			
Energy Conversion (ECE)	2.0 kW-hr/lb FAC 4.4 kW-hr/kg FAC			
FAC Concentration*	6,500 mg/L (+/- 1,000)			
Flow Rate	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%)
Electrical Service Requirement	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			

* Production may vary depending on salt and water quality.

Note: This electronic document is controlled. Once this document is printed it becomes uncontrolled and obsolete. Refer only to electronic document for the latest information.



The **SAFEST WATER** In The World



Vault™ Self Cleaning HYPO Drawing

Note: This electronic document is controlled. Once this document is printed it becomes uncontrolled and obsolete. Refer only to electronic document for the latest information.

5601 Balloon Fiesta Parkway, Albuquerque, NM 87113 | 1690 Sumneytown Pike, Suite 150, Lansdale, PA 19446
P: 505-343-0090 888-646-9420 F: 505-343-0093 E: info@miox.com W: www.miox.com [www.twitter.com/miox](https://twitter.com/miox)