



## Vault™ Self Cleaning HYPO Specifications

The MIOX Vault™ on-site generator is 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 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
Salt Conversion (SCE)* @ 6500ppm Setpoint	3.0 lb salt/lb FAC 3.0 kg salt/kg FAC			
Salt Conversion (SCE)* @ 8000ppm Setpoint	4.0 lb salt/lb FAC 4.0 kg salt/kg FAC			
Energy Conversion (ECE)*	2.0 kW-hr/lb FAC 4.4 kW-hr/kg FAC			
FAC Concentration*	6,500 or 8,000 mg/L (+/- 1,000)			
Flow Rate^	18 - 22.5 gph 68 - 85 lph	36 - 45 gph 136 - 170 lph	54 - 67.5 gph 204 - 255 lph	72 - 90 gph 273 - 340 lph
Nominal Energy to Unit @ 480V	3.5 - 4.2 A 3 KVA	7 - 8.4 A 6 KVA	10.5 - 12.6 A 9 KVA	14 - 16.8 A 12 KVA
Electrical Service Requirement (OSG only)+	3-Ph(~) Wye 380-530 VAC 50/60 Hz, 15A	3-Ph(~) Wye 380-530 VAC 50/60 Hz, 25A	3-Ph(~) Wye 380-530 VAC 50/60 Hz, 35A	
Air Temp. Required	45° to 110° F 7° to 43° C			
Recommended Feed Water Temperature*	55° to 80° F 12° to 27° C			
Allowable Feed Water Temperature*	40° to 95° F 5° to 35° C			
Feed Water Pressure	25 to 100 psi 172 to 689 kPa			
Water Hardness	0 - 17 mg/L (1 grain/gallon)			
Maximum Silica Limit	20 mg/L			
Energy Add for Internal Vent	0.7 kW	1.4 kW	2.1 kW	2.8 kW
Approximate Dimensions (WxDxH)	36 x 17.4 x 65.5 inches 91.44 x 44.2 x 166.37 cm			
Self Cleaning	YES			

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

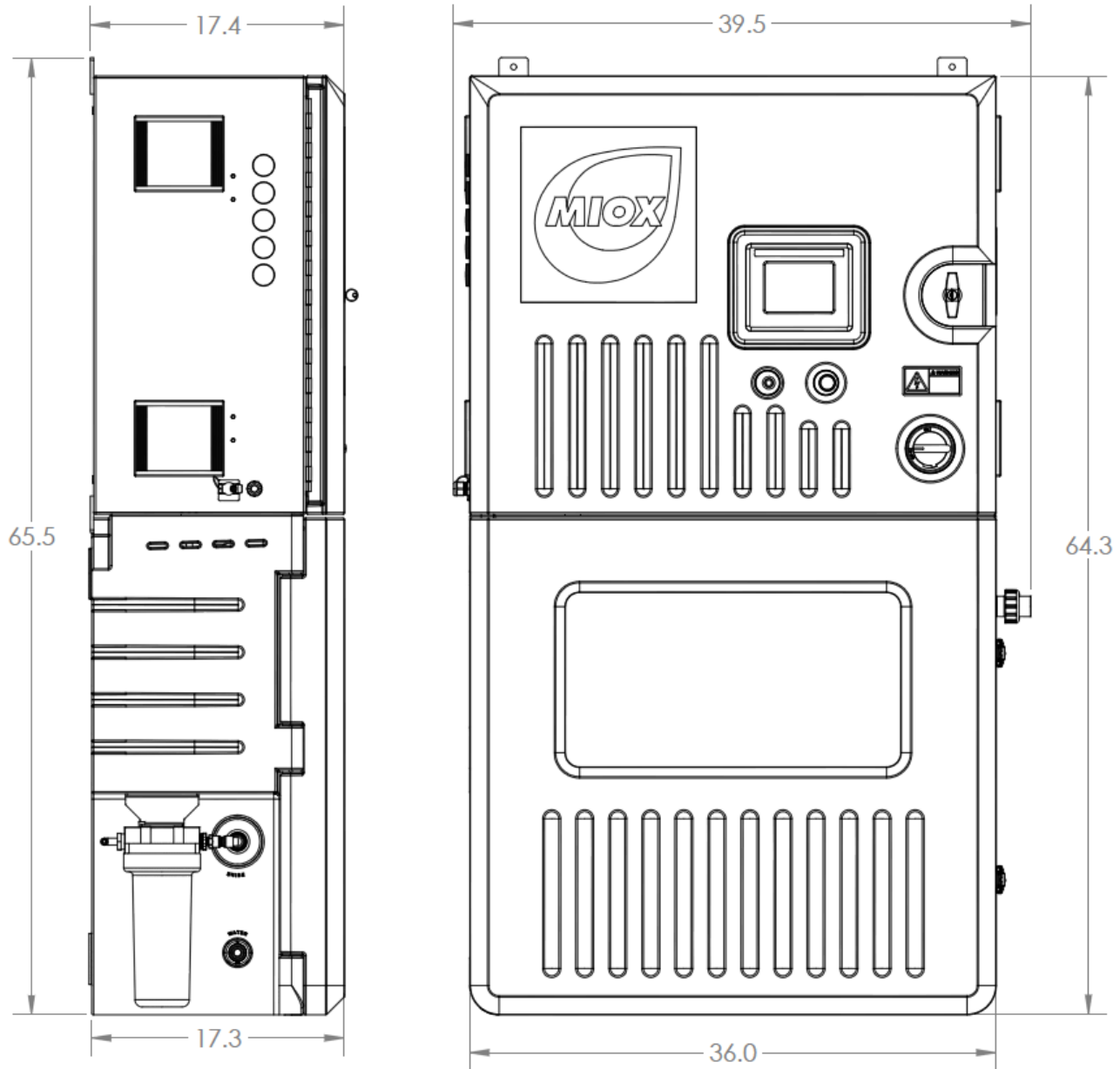
^Feed water flow rate is subject to +/- 15% variation.

+For 3-Phase Delta applications, contact MIOX.

**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.**



## Vault Drawing



REFERENCE GENERAL ARRANGEMENT DRAWING 112-00001  
FOR INSTALLATION REQUIREMENTS

**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.**

