



Small Series MIXED OXIDANT Specifications

The MIOX Small Series of systems consists of automated units appropriate for smaller water supplies or well sites. The control panel is mounted on the wall with the electrolytic cell, water manifold, brine pump and filter. The brine tank, oxidant tank, and water softener stand alone and are sized base on the water system requirements. The system can be wired for a remote alarm and also has the capability for remote display.

The oX-Cell™ produces mixed-oxidant solution for water disinfection at improved efficiencies. A “plug and play” cell design allows for easy retrofit into the existing S-80 platform with minor plumbing changes. Improved chlorine production, lower salt and energy consumption and an enhanced control scheme are just a few of the benefits of this new cell design.

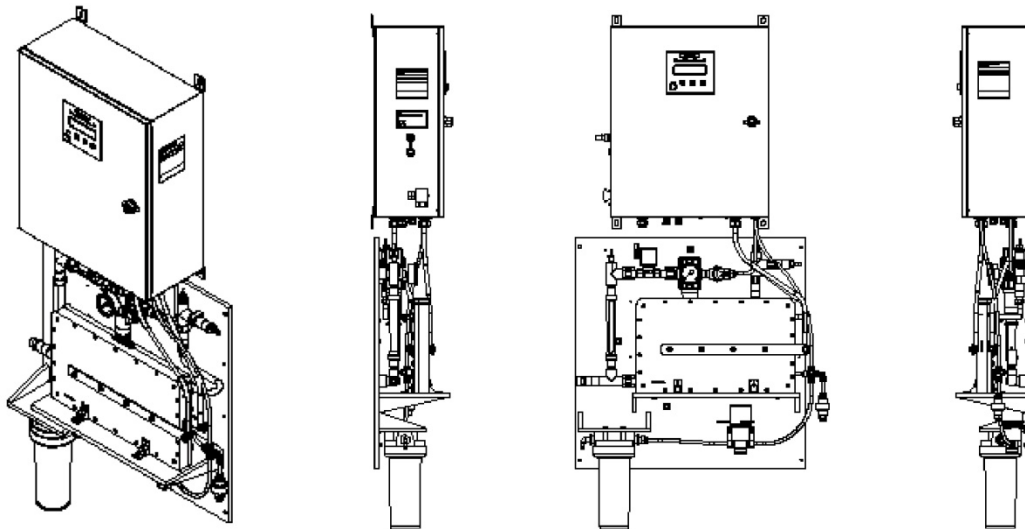
	S-40	S-80	Dual S-80	oX-Cell™
Rated FAC Capacity*	4 lbs/day 1.8 kg/day	10 lbs/day 4.5 kg/day	20 lbs/day 9 kg/day	15 lbs/day 6.8 kg/day
Water Treatment Capacity (at 1 ppm FAC)	480,000 gal/day 1,817 m ³ /day	1.2 MGD 4,542 m ³ /day	2.4 MGD 9,084 m ³ /day	1.8 MGD 6,813 m ³ /day
Salt Conversion (SCE)	4.3 lb salt/lb FAC 4.3 kg salt/kg FAC	4.8 lb salt/lb FAC 4.8 kg salt/kg FAC		3.0 lb salt/lb FAC 3.0 kg salt/kg FAC
Energy Conversion (ECE)	6.0 kW-hr/lb FAC 13.2 kW-hr/kg FAC	5.2 kW-hr/lb FAC 11.5 kW-hr/kg FAC		3.0 kW-hr/lb FAC 6.6 kW-hr/kg FAC
FAC Concentration*	2,700 mg/L	3,350 mg/L		5,000 mg/L
Flow Rate	8 gph 30 lph	16 gph 60 lph	32 gph 121 lph	15 gph 57 lph
Electrical Service per	220 VAC, 1 ph, 20A, 50/60 hertz	220 VAC, 1 ph, 30A hertz		
Nominal Energy to Unit	6 A 1.3 KVA	12 A 2.6 KVA		
Air Temp. Required	42° to 110° F 6° to 43° C			
Feed Water Temp. Required	50° to 85° F 10° to 24° C			
Feed Water Pressure	>25 <100 psi >172 <689 kPa			
Dimensions (WxDxH)	29 x 9.5 x 67.5 inches 74 x 24 x 172 cm			
Shipping Size (WxDxH)	37 x 34 x 27 inches 94 x 86.4 x 68.6 cm			
Shipping Weight (Appx.)	150 lbs 68 kg			

* Production may vary depending on salt and water quality.

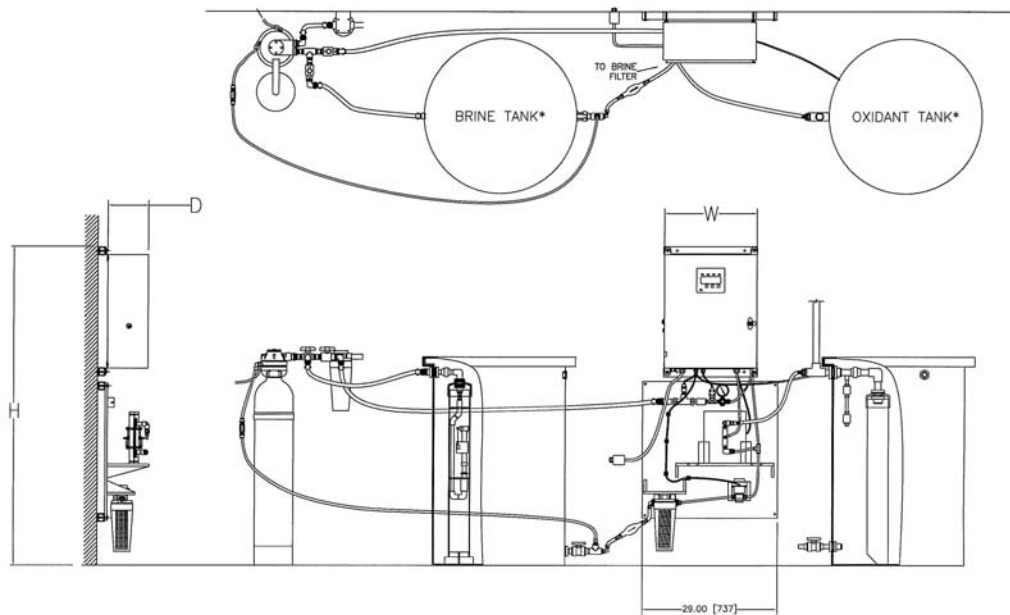
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Small Series Drawing



Small Series System Configuration

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