



AE Specifications

The MIOX AE system is a simplified automatic unit configured for permanent installations requiring between 4 and 8 lbs/day (1.8 – 3.6 kg/day) of mixed oxidants measured as Free Available Chlorine (FAC). Available as a skid-mounted or stand-alone system, the AE is ideal for industrial applications and small rural and remote communities. The system activates based upon a level sensor measuring the volume of oxidant in a storage tank. After connection to water and a power source, the only routine operator service requirements are to load salt into the brine generator.



AE-4 skid-mounted unit shown

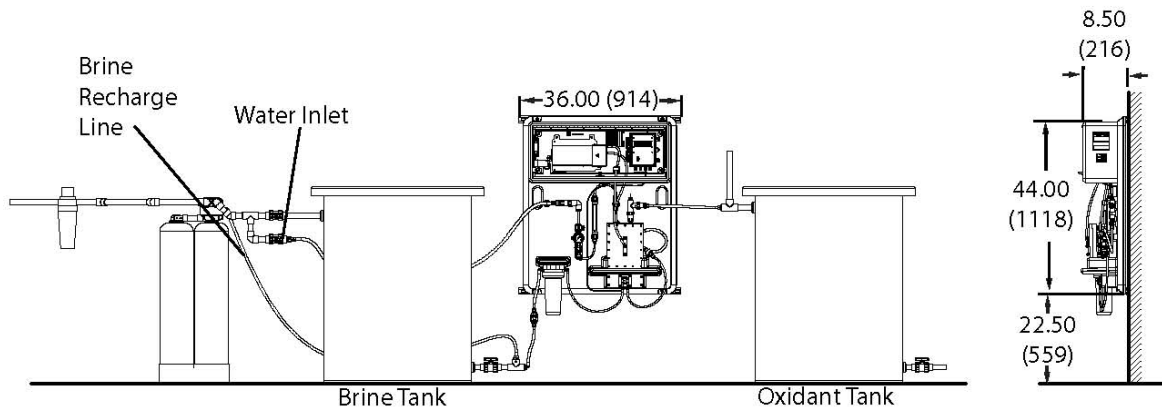
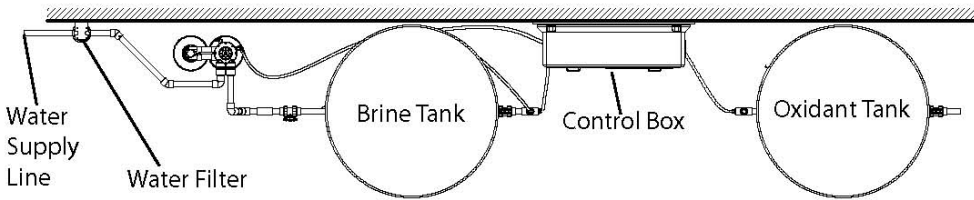
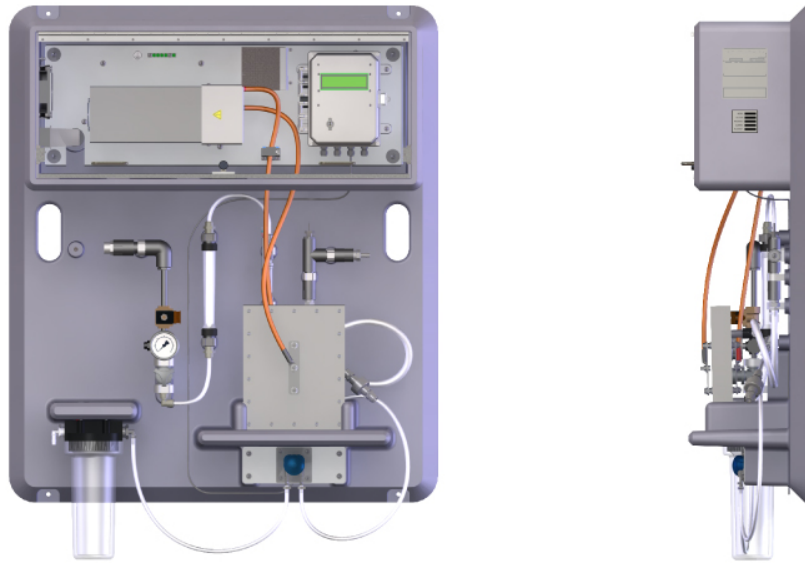
	AE-4	AE-6	AE-8
Rated FAC Capacity*	4 lb/day (1.8 kg/day)	6 lb/day (2.7 kg/day)	8 lb/day (3.6 kg/day)
Water Treatment Capacity (at 1 ppm FAC)	480,000 gal/day (1,817 m ³ /day)	720,000 gal/day (2,726 m ³ /day)	960,000 gal/day (3,634 m ³ /day)
Salt Conversion (SCE)	3.0 lb salt/lb FAC (3.0 kg salt/kg FAC)	3.0 lb salt/lb FAC (3.0 kg salt/kg FAC)	3.0 lb salt/lb FAC (3.0 kg salt/kg FAC)
Energy Conversion (ECE)	3.5 kW-hr/lb FAC (7.7 kW-hr/kg FAC)	3.5 kW-hr/lb FAC (7.7 kW-hr/kg FAC)	3.5 kW-hr/lb FAC (7.7 kW-hr/kg FAC)
FAC Concentration*	3,800	4,200	5,000
Flow Rate	6	9	9
Softener Flow During Regeneration	CC208s: 84 GPH (14 gal max) (318 LPH(53 L max)) CP208s: 120 GPH (35 gal max) (454 LPH(132 L max))		
Electrical Service	110 or 220 VAC 1 ph 20A 50/60 Hz	110 or 220 VAC 1 ph 20A 50/60 Hz	220 VAC 1 ph 20A 50/60 Hz
Nominal Energy to Unit	110 VAC: 12A, 1.3 KVA 220 VAC: 6A, 1.3 KVA	110 VAC: 15A, 1.7 KVA 220 VAC: 7.5A, 1.7 KVA	220 VAC: 9A, 2.0 KVA
Air Temp. Required	42° to 110° F 6° to 43°C		
Cell Voltage	12 VDC		
Feed Water Temp. Required	50° to 85° F 10° to 24°C		
Feed Water Pressure	> 25 < 75 psi > 172 < 517 kPA		
Shipping Size (W x D x H)	45 x 44 x 19 inches 94 x 86.4 x 68.6 cm		
Shipping Weight (Appx.)	110 lb 45 kg		

* Production may vary depending on salt and water quality. Rated production capacities may be lower than actual data due to system production margins.

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