

# On-site Chemical Generator

## **MIOX<sup>®</sup>**

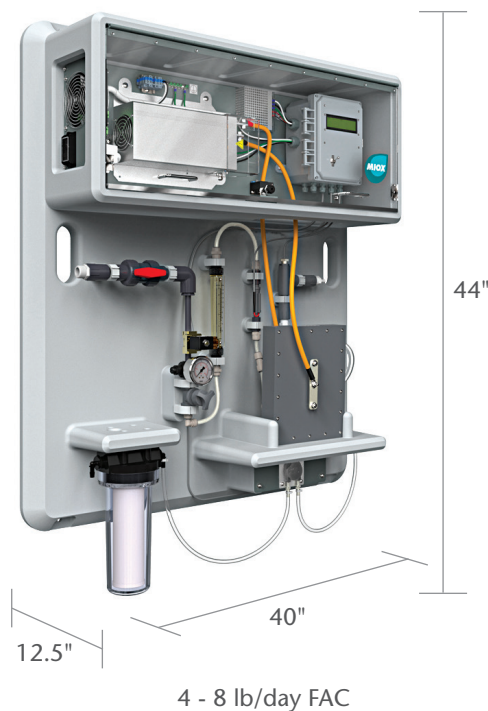
**4 to 8 lb/d (1.8 to 3.6 kg/d)**

### **MIOX<sup>®</sup> Overview**

The De Nora MIOX<sup>®</sup> 4 - 8 systems are simplified automatic units configured for permanent installations producing between 4 and 8 lbs/day (1.8 - 3.6 kg/day) of mixed oxidants. Available as a skid-mounted or stand-alone system, MIOX<sup>®</sup> systems are ideal for industrial applications

and small rural and remote communities. Systems activate 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

Using just water, salt and power to generate chemicals on site eliminates the storage and handling of hazardous disinfection chemicals while providing chlorine residual.



- Wall mount or free-standing
- Available in 110/220 V 1 ph
- Corrosion-free rotomolded backpanel
- Unique cell design and flow control features for simplified maintenance and operation
- NSF/ANSI 61 Certified

# MIOX<sup>®</sup> On-site Chemical Generator

4 to 8 lb/d (1.8 to 3.6 kg/d)

## Product Specifications

	MIOX <sup>®</sup> 4	MIOX <sup>®</sup> 6	MIOX <sup>®</sup> 8
Rated FAC Capacity	4 lbs/day 1.8 kg/day	6 lbs/day 2.7 kg/day	8 lbs/day 3.6 kg/day
Water Treatment Capacity (at 1 ppm FAC)	480,000 gal/day 1817 m <sup>3</sup> /day	720,000 gal/day 2725 m <sup>3</sup> /day	960,000 gal/day 3634 m <sup>3</sup> /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 mg/L (± 1,000)	3,800 mg/L (± 1,000)	3,800 mg/L (± 1,000)
Electrical Service Requirement (OSG only)	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
Flow Rate (± 15%)	6 gal/hr 22.7 L/hr	9 gal/hr 34 L/hr	9 gal/hr 34 L/hr
Air Temp. Required	42° to 110° F 6° to 43°C		
Recommended Feed Water Temperature*	55° to 80° F 12° to 27° C		
Feed Water Pressure	25 to 75 psi 172 to 517 kPa		
Water Hardness	0 – 17 mg/L (1 grain/gallon)		
Maximum Silica Limit	20 mg/L		
Approximate Dimensions (WxDxH)	40 x 12.5 x 44 inches 102 x 31.75 x 112 cm		

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

WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL



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