

# On-site Chemical Generator

## **MIOX<sup>®</sup>**

**60 to 300 lb/d (27 to 136 kd/d)**

### **MIOX<sup>®</sup> Overview**

The De Nora MIOX<sup>®</sup> 60 - 300 systems produce from 60 to 300 lb/day of chemicals for water treatment and are systematically optimized for ease of use, reliability, and performance. The MIOX<sup>®</sup> systems have a modular design, which means the systems can be easily expanded 5X within the same cabinet and without increasing the footprint, to meet future increase in FAC demand.

Leading the industry in salt and energy conversion, the MIOX<sup>®</sup> ensures the lowest life-cycle cost for your application. The unit operates with Allen Bradley MicroLogix 1400 controls and is equipped with self-adjusting flow control.

- Self-cleaning feature.
- Remote monitoring and communication options available.
- Unique cell design and flow control features for simplified maintenance and operation.
- NSF/ANSI 61 Certified



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

60 to 300 lb/d (27 to 136 kd/d)

## Product Specifications

	MIOX <sup>®</sup> 60	MIOX <sup>®</sup> 120	MIOX <sup>®</sup> 180	MIOX <sup>®</sup> 240	MIOX <sup>®</sup> 300
Rated FAC Capacity	60 lb/day 27 kg/day	120 lb/day 54 kg/day	180 lb/day 81 kg/day	240 lb/day 108 kg/day	300 lb/day 136 kg/day
12.5% Bleach Equivalent	60 gal/day 227 L/day	120 gal/day 454 L/day	180 gal/day 681 L/day	240 gal/day 908 L/day	300 gal/day 1,135 L/day
Additional cell increments to meet higher capacity	60 lb 27 kg	60 lb 27 kg	60 lb 27 kg	60 lb 27 kg	---
Water Treatment Capacity (at 1 ppm FAC)	7.2 mgd 27,255 m <sup>3</sup> /day	14.4 mgd 54,510 m <sup>3</sup> /day	21.6 mgd 81,765 m <sup>3</sup> /day	28.8 mgd 109,020 m <sup>3</sup> /day	36 mgd 136,275 m <sup>3</sup> /day
Salt Conversion (SCE)*	2.5 lb salt/lb FAC 2.5 kg salt/kg FAC	2.5 lb salt/lb FAC 2.5 kg salt/kg FAC	2.5 lb salt/lb FAC 2.5 kg salt/kg FAC	2.5 lb salt/lb FAC 2.5 kg salt/kg FAC	2.5 lb salt/lb FAC 2.5 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	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*	4,500 mg/L ± 1,000 mg/L	4,500 mg/L ± 1,000 mg/L	4,500 mg/L ± 1,000 mg/L	4,500 mg/L ± 1,000 mg/L	4,500 mg/L ± 1,000 mg/L
Electrical Service Requirement (OSG only)	400 VAC, 3 ph, 125A, 50/60 Hz and 480 VAC, 3 ph, 100A, 50/60 Hz	400 VAC, 3 ph, 125A, 50/60 Hz and 480 VAC, 3 ph, 100A, 50/60 Hz	400 VAC, 3 ph, 125A, 50/60 Hz and 480 VAC, 3 ph, 100A, 50/60 Hz	400 VAC, 3 ph, 125A, 50/60 Hz and 480 VAC, 3 ph, 100A, 50/60 Hz	400 VAC, 3 ph, 125A, 50/60 Hz and 480 VAC, 3 ph, 100A, 50/60 Hz
Flow Rate (± 15%)	75 gal/hr 284 L/hr	150 gal/hr 568 L/hr	225 gal/hr 852 L/hr	300 gal/hr 1136 L/hr	375 gal/hr 1420 L/hr

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

WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL



[contact@mioxservice.com](mailto:contact@mioxservice.com)  
[info.dnwt@denora.com](mailto:info.dnwt@denora.com)

[www.denora.com](http://www.denora.com)

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