

On-site Chemical Generator

MIOX[®]

15 to 60 lb/day (6.8 - 27.2 kg/day)

MIOX[®] Overview

The De Nora MIOX[®] 15 - 60 systems are designed for high efficiency, low lifecycle cost, durability and reliability. Specialized engineering and design gives the MIOX[®] systems flexibility to easily expand capacity 4X in the same enclosure.

Systems range from 15 - 60 lb/day. Using just water, salt and power to generate chemicals on site eliminates the storage and handling of hazardous disinfection chemicals while providing chlorine residual.

- Self-cleaning feature
- Available in 200/240 V 1 ph or 380/530 V 3 ph
- Remote monitoring and communication options available
- Unique cell design and flow control features for simplified maintenance and operation
- NSF/ANSI 61 and CE Markings



15 - 60 lb/day FAC

MIOX® On-site Chemical Generators

15 to 60 lb/day (6.8 - 27.2 kg/day)

Product Specifications

	MIOX® 15	MIOX® 30	MIOX® 45	MIOX® 60
Rated FAC Capacity	15 lb/day 6.8 kg/day	30 lb/day 13.6 kg/day	45 lb/day 20.4 kg/day	60 lb/day 27.2 kg/day
12.5% Bleach Equivalent	15 gal/day 57 L/day	30 gal/day 113.5 L/day	45 gal/day 170 L/day	60 gal/day 227 L/day
Additional cell increments to meet higher capacity	15 lb 6.8 kg	15 lb 6.8 kg	15 lb 6.8 kg	---
Water Treatment Capacity (at 1 ppm FAC)	1.8 mgd 6,813 m ³ /day	3.6 mgd 13,626 m ³ /day	5.4 mgd 20,439 m ³ /day	7.2 mgd 27,252 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	3.0 lb salt/lb FAC 3.0 kg salt/kg FAC
Energy Conversion (ECE)**	3.0 kW-hr/lb FAC 6.6 kW-hr/kg FAC	3.0 kW-hr/lb FAC 6.6 kW-hr/kg FAC	3.0 kW-hr/lb FAC 6.6 kW-hr/kg FAC	3.0 kW-hr/lb FAC 6.6 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
Electrical Service Requirement (OSG only)	200 - 240 VAC, 1 ph, 30A, 50/60 Hz*	200 - 240 VAC, 1 ph, 60A, 50/60 Hz*	200 - 240 VAC, 1 ph, 90A, 50/60 Hz*	200 - 240 VAC, 1 ph, 120A, 50/60 Hz*
Flow Rate (± 15%)	19 gal/hr 72 L/hr	38 gal/hr 144 L/hr	57 gal/hr 216 L/hr	76 gal/hr 288 L/hr

*Available in 3 ph, Wye 380 - 530 VAC, 15A, 25A, 35A, 45A, 50/60Hz

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

WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL



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