



## **OSEC<sup>®</sup>-NXT MEMBRANE ELECTROCHLORINATION SYSTEM**

### **WALLACE & TIERNAN<sup>®</sup> PROCESS TECHNOLOGY**

The series of OSEC<sup>®</sup>-NXT membrane electrochlorination systems is used for commercial leisure and swimming pool applications as well as potable or industrial water treatment. They provide many safety features when used as an alternative to chlorine gas systems. Transport and handling of chlorine cylinders is completely eliminated. Only saturated brine and softened water are needed for the redeveloped electrolyzer process which safely and efficiently produces hypochlorite on-site. The optimized efficiency of the electrolyzer cells leads to a minimum demand for brine and power.

All components for the electrolyzer process, the controller, and the water softener are skid mounted for easy installation while maintaining a small foot print. In addition, the lower capacity systems up to 6 kg (13 lb) per day contain integrated tanks for brine and sodium hypochlorite.

### **APPLICATIONS**

- Disinfection of swimming pool water
- Disinfection of potable, industrial and process water

### **FEATURES**

- Continuous on-line produced disinfection solution avoids by-products
- Serves multiple points of injection

### **Benefits:**

- High efficiency by optimized and continuous conversion from brine to sodium hypochlorite solution
- Long life system through optimized production and integrated capacity control
- High operating safety, just requiring salt and water
- User-friendly touch panel control
- Skid mounted system for easy installation

## TECHNICAL DATA

Capacity Cl <sub>2</sub> /day	Dimensions W x H x D	Weight
6 kg/13.2 lbs	1200 x 1895 x 750 mm/ 47.2 x 74.6 x 29.5"	448 kg/987 lbs
12kg/26.5 lbs	1200 x 1895 x 805 mm 47.2 x 74.6 x 31.7"	340 kg/750 lbs
24 kg/52.9 lbs		390 kg/860 lbs
36 kg/79.4 lbs		440 kg/970 lbs
48 kg/105.8 lbs	1500 x 1895 x 805 mm 59.1 x 74.6 x 31.7"	490 kg/1080 lbs
60 kg/132.2 lbs	1800 x 1895 x 805 mm/ 70.9 x 74.6 x 31.7"	550 kg/1213 lbs

FOR EACH MODEL A DETAILED DATA SHEET IS AVAILABLE.



OSEC®-NXT SYSTEM FOR UP TO 6 KG CL<sub>2</sub>/DAY



Auf der Weide 10, 89312 Günzburg, Germany

+49 (8221) 904-0 [www.evoqua.com](http://www.evoqua.com)

OSEC and Wallace & Tiernan are trademarks of Evoqua, its subsidiaries or affiliates, in some countries.

All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

© 2016 Evoqua Water Technologies GmbH Subject to change without notice WT.085.135.000.DE.PS.0316

### Wallace & Tiernan® Products worldwide

**Australia**  
+61 3 8720 6597  
info.au@evoqua.com

**Canada**  
+1 905 944 2800  
canadainfo@evoqua.com

**China**  
+86 10 57076305  
sales.cn@evoqua.com

**France**  
+33 1 41 15 92 20  
wtfra@evoqua.com

**Germany**  
+49 8221 9040  
wtger@evoqua.com

**Singapore**  
+65 6830 7165  
sales.sg@evoqua.com

**UK**  
+44 1732 771777  
info.uk@evoqua.com

**USA**  
+1 856 507 9000  
wt.us@evoqua.com