



OSEC®-NXT MEMBRANE ELECTROCHLORINATION SYSTEM

WALLACE & TIERNAN® PROCESS SYSTEMS

The series of OSEC®-NXT membrane electrochlorination systems are 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, including eliminating the need to transport and handle chlorine cylinders as the system only requires saturated brine and softened water. This is required for the redeveloped electrolyser process, which safely and efficiently produces hypochlorite on-site. The optimized efficiency of the electrolyser cells leads to a minimum demand for brine and power.

All components of the electrolyser process, the controller, and the water softener are skid mounted for easy installation while maintaining a small footprint. In addition, the lower capacity systems, which produce 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 generation due to the optimised 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 ₂ /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 CL₂/DAY



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