

DISINFECTION 09/20

AQUA CHLOR MIX OXIDANT GENERATOR

AQUACHLOR devices Generates a highly effective and safe mixed oxidant solution from water and table salt for disinfecting drinking water, seawater, wastewater, swimming pools, or water fountains, in any place and quantity



AQUACHLOR SYSTEM – ADVANCED ELECTROCHEMICAL WATER DISINFECTION

The Aquachlor System is an advanced mixed oxidant generation technology that synthesizes a powerful and safe disinfectant from water and table salt using proprietary electrolysis. Unlike conventional chlorine dosing or on-site chlorine generators, this system provides superior disinfection, enhanced biofilm removal, and extended residual stability while reducing chemical byproducts and handling risks.

TECHNOLOGY SUPERIORITY

The Aquachlor System redefines water disinfection with cutting-edge electrochemical technology, offering unmatched efficiency, safety, and cost savings. Engineered with over 50 years of research and patented innovation from world's leading ECA institute, this system delivers a future-proof solution for sustainable and high-performance water treatment.

✓ Technical features

HIGH-EFFICIENCY DISINFECTION

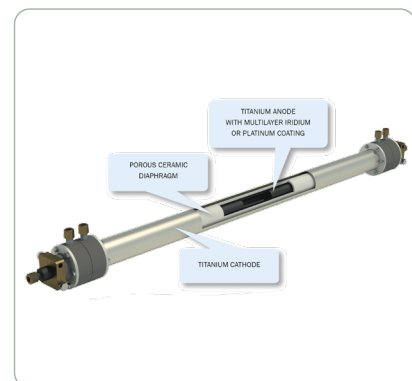
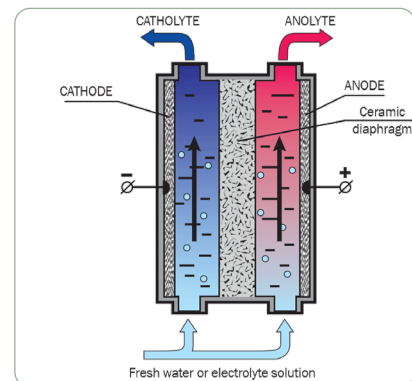
- Generates a mixed oxidant solution with a high biocidal effect, significantly improving microbial inactivation.
- Effectively removes biofilms and pathogens resistant to traditional chlorine-based treatments.
- Ensures long-lasting chlorine retention in water distribution networks, reducing the need for ammonization.
- Multi-system integration facilitates the scalability for municipal, commercial, and industrial applications.
- Prevents pipe corrosion and sludge formation in pipelines and storage tanks.

ENHANCED SAFETY & COMPLIANCE

- Eliminates the risks associated with bulk chlorine gas or liquid storage.
- At a concentration of less than 1% FAC it is safer than hand sanitizer.
- All oxidants are dissolved in water, ensuring no airborne chlorine exposure.
- The only system globally that safely eliminates biofilms inside pipes, filters, and storage tanks.
- Certified for drinking water disinfection, meeting global regulatory standards (TÜV Rheinland, NSF, etc.).

ECO-FRIENDLY & COST-EFFECTIVE

- Reduces chlorine byproducts (THMs, HAAs) and minimizes water treatment chemical consumption.
- Cuts disinfection costs—1.5x cheaper than chlorine gas (Cl_2), 3x cheaper than sodium hypochlorite (NaOCl), and 10x cheaper than UV systems.
- Reduces operational expenses (OPEX) by 50–95%.
- Achieves a 6–36 months Return on Investment (ROI).



✓ Models

CODE	MIXED OXIDANTS CAPACITY (FAC, Cl ₂), g/h	CAUSTIC SODA CAPACITY (NaOH), g/h	POWER CONSUMPTION W	TABLE SALT consumption (NaCl), G/ H	DIMENSIONS W X H X D MM	PACKING	WEIGHT KG	VOLUME M ³
AQUACHLOR-65	65	70	300	120	600 x 1600 x 800	1	100	0.86
AQUACHLOR-125	125	141	500	230	600 x 1800 x 800	1	105	0.86
AQUACHLOR-250	250	570	1000	450	600 x 1800 x 800	1	110	0.86
AQUACHLOR-500	500	850	2100	900	600 x 1800 x 800	1	120	0.86
AQUACHLOR-750	750	854	3100	1350	600 x 2000 x 800	1	130	0.96
AQUACHLOR-1000	1000	1100	4000	1800	600 x 2000 x 800	1	140	0.96
AQUACHLOR-1500	1500	1700	6000	2700	600 x 2000 x 1000	1	160	1.20
AQUACHLOR-2000	2000	2200	7900	3600	700 x 2000 x 1150	1	180	1.20
AQUACHLOR-2500	2500	2800	10000	4500	700 x 2000 x 1450	1	200	2.03
AQUACHLOR-3000	3000	3400	12000	5400	700 x 2000 x 1450	1	220	2.03

Your global partner since 1974. Trusted for superior quality and exceptional innovations.



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