Aquaox MOW System Parts pricing

AQUAOX®
ONSITE PRODUCTION OF ELECTROLYZED WATER

The Aquaox modular electro-chlorination water treatment system provides a unique and safe solution giving greater flexibility on installation, overall reduced costs and energy consumption. The Mixed Oxidant Water System (MOW) uses only salt, water and electricity. The MOW system electrolyzes a brine solution in a high capacity electrolytical cell. The MOW system is designed using compact modular units in order to meet the required capacity.

The produced Mixed Oxidant Solution is deposited from one or more MOW system modules into a separate or common storage system. When a demand for disinfection is required the Mixed Oxidant Solution is drawn from its storage system and injected into the drinking water at the required dosage to match the flow rate. The Mixed Oxidant Solution kills all micro-organisms at a very fast rate and removes Biofilm deposited within the drinking water distribution system.

Aquaox offers several ECA Units appropriate to the specific customer's demand and conditions.

Advantages

- ✓ **Simple installation and commissioning**
- ✓ **Low operating costs**
- ✓ **Stable**
- ✓ **Effective**
- ✓ **Accurate**
- ✓ **Reliable**
- ✓ **Little maintenance**
- ✓ **NSF 61 approved**
- ✓ **Easy to operate via the clear HMI touch screen**
- ✓ **Remote monitoring/control via pc/laptop/tablet or mobile phone**

Aquaox Units and Specifications:

Main Features			
Model		**MOW-1**	**MOW-2**
Mixed Oxidant **Water (MOW) production**	L/H	50-100	150-200
Free chlorine (HOCL + OCl)	mg/liter	4500 to 5000	4500 to 5000
Oxidation Reduction Potential (ORP)		>700	>700
EC – depending on Free Available Chlorine (FAC)	mS	<35	<35
pH		8.5-9.5	8.5-9.5

Technical specifications and requirements			
Model		**MOW-1**	**MOW-2**
Water supply	L/H	100	200
Water pressure	bar	2 - 2,5	2 - 2,5
Water hardness	CaCo3/ppm	<17	<17
Salt Consumption	gram/ liter	~25	~25
Electrical Current	V	230	400
	A	16	25
Power Consumption p/h	kW	3	6
Space ventilation	m3/H	>50	>50
Ambient temperature min / max	°C	+5 to +30	+5 to +30

Dimensions			
Model		**MOW-1**	**MOW-2**
Height	mm	1840	1840
Width	mm	850	850
Depth	mm	850	850
Weight	kg	125	150

Maintanance and warranty	
Operating hours cell	Average 11.000 hrs or 2 years, depending on intensity of use, water quality and local circumstances.
Warranty	1 year, extended warranty possible (on request)