



AquaOx ECA Units Technical Information

Aquaox is the reliable standard for the production of Electrochemical Activated Water (ECA) for use in the agri- and horticulture, intensive farming, food production, facility services, hotels and convention centers, cruise ships, pharmacy, biotechnology and hospitals.

Aquaox EW easily removes bacteria, viruses, algae and other pathogens. After treatment, surfaces and irrigation water are free from harmful pathogens. This has enabled Aquaox to replace chemical agents with effective, green, affordable products.

The required amount of Aquaox ECA is produced on-site by the user-friendly and maintenance-free ECA Units that only use water, salt and electricity.

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
- ✓ Easy to operate via the clear PLC
- ✓ Option: online PLC control via Ethernet connection



Aquaox Units and Specifications:

Main Features

Model	AQUAOX EA-100	
Electrolyzed Water (EW) production	L/H	70-90
Free chlorine (HOCL + OCl)	mg/liter	~400
Oxidation Reduction Potential (ORP)		>800
EC – depending on Free Available Chlorine (FAC)	ms	<15
pH		6-8
Alkaline Water	L/H	10-30
Oxidation Reduction Potential (ORP)		>-800
EC – depending on Free Available Chlorine (FAC)	ms	<15

Technical specifications and requirements

Model	AQUAOX EA-100	
Water supply	L/H	100
Water pressure	bar	2,5
Water hardness	CaCo3/ppm	<17
Salt Consumption	gram/ liter	~5
Electrical Current	V	230
	A	13-16
Power Consumption p/h	kW	1.5
Space ventilation	m3/H	>50
Ambient temperature min / max	°C	+5 to +40

Dimensions

Model	AQUAOX EA-100	
Height	mm	1840
Width	mm	650
Depth	mm	680
Weight	kg	150