

EA-30 System



aridomsanex

Decontaminating and Disinfecting Solutions

Technical Information

Electrolyzed Water Technical Information

Aridom Sanex is the reliable supplier 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.

Aridom Sanex generated Electrolyzed Water (HOCL) is pH neutral, super-oxidized water generated by electrolysis of a dilute salt solution passing through an electrolytic cell. This process creates a gentle but extremely potent antimicrobial solution capable of rapid reduction of bacteria, viruses, spores, cysts, scale and biofilm.

HOCL is stable, cost-effective to produce, greener than traditional chemical technologies and can be used in multiple applications across a wide variety of industries

The Aridom Sanex EA-30 C is a desktop unit which very simple to operate and suited for application in food production, facility services, hotels and convention centers, cruise ships, pharmacy, schools and hospitals.

Aridom Sanex offers several types of units appropriate to the specific customer's demand and conditions.

Advantages

- ✓ Simple installation and commissioning
- ✓ Low operating costs
- ✓ Stable
- ✓ Effective
- ✓ Accurate
- ✓ Reliable
- ✓ Little maintenance
- ✓ Effective against:
 - * Bacteria
 - * Virus
 - * Algae
 - * Biofilm



Aridom Sanex Units and Specifications

Main Features		
Model		EA-30
Electrolyzed Water (HOCL) production	L/H	30
Free chlorine (HOCL + OCl)	mg/liter	200 -300 ppm
Oxidation Reduction Potential (ORP)		>800
EC – depending on Free Available Chlorine (FAC)	ms	<5
pH		6-8
Alkaline Water (AX112)	L/H	5-10
Oxidation Reduction Potential (ORP)		>-800
Technical specifications and requirements		
Model		EA-30
Water supply	L/H	50
Water pressure	bar	1.5
Water hardness	CaCo3/ppm	<17
Salt Consumption	gram/ liter	~2
Electrical Current	V	110-240
	A	10 -14
Power Consumption p/h	kW	1 . 6
Space ventilation	m3/H	>50
Ambient temperature min / max	°C	+5 to +30
Dimensions		
Model		EA-30
Height	mm	800
Width	mm	400
Depth	mm	370
Weight	kg	20

