

EA-100 System



aridomsanex

Decontaminating and Disinfecting Solutions

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.

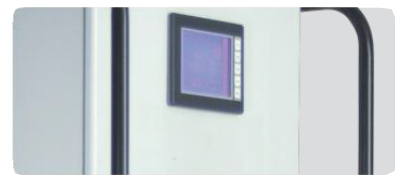
Aridom Sanex EW easily removes bacteria, viruses, algae and other pathogens. After treatment, surfaces and irrigation water are free from harmful pathogens. This has enabled Aridom Sanex to replace chemical agents with effective, green, affordable products.

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

Aridom Sanex 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



Aridom Sanex Units and Specifications

Main Features		
Model		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		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		EA-100
Height	mm	1050
Width	mm	550
Depth	mm	250
Weight	kg	25

