



Toucan Eco III

Onsite ECA Generator

Product Information



Centrego ECA Systems

Producing high-grade disinfection and cleaning solutions for in-situ use from the electrolysis of water and salt. The most environmentally responsible way to protect staff, customers, assets and the environment, reducing carbon emissions and saving costs. Kills all microorganisms including bacteria, viruses, spores, fungi with rapid contact times, high efficacy, and limited regrowth.





Product Name	Toucan Eco III
Model Number	ECL-3010EU
Volume	1.0ls
Standard additive	Potable water with refined or table salt (not rock salt or sea salt)
Additive boost (to enhance efficacy)	Salt + citric acid or acetic acid @ 9:1
Mode of Operation	ElectroChemical Activation
Solution generated	Disinfectant, mild surfactant and deodoriser
Active Substances	Hypochlorous and sodium hypochlorite
Permitted water temperature range	5°C to 40°C
Hazards	Non-toxic, non- hazardous, pH neutral solutions
Water quality	PH: 6 to 8 Hardness: less than 200 ppm low calcium water recommended
Electric Consumption	27w
Rated Voltage	Transformer and Power Supply (Input 100~240V 50~60Hz, Output DC 9V 3A)
Electrode	Iridium on Titanium
Recommended additive volumes	2grams salt or salt + citric acid per 1.0ls
Activation cycle time	5 minutes
'Rest' time between cycles	5 minutes
FAC ppm range from 2 grams salt in 1.0ls	Approximately 60-75ppm FAC, depending on water composition
FAC ppm range from 2 grams salt in 1.5ls	Approximately 110-130ppm FAC, depending on water composition
pH with salt only additive	pH8 - pH8.5
pH with salt + citric acid additive	pH7

SYSTEM TECHNOLOGY
Electrochemical Activation (ECA) anode and cathode cell system generating mixed oxidant solution of hypochlorous acid (HOCl) and pH10.5 sodium hydroxide (NaOH) for in-situ biocide and cleaning solution generation.

INPUTS
Water (H ₂ O): potable water, minimum requirement for filtered softened water, or reverse osmosis water. Maximum 70ppm TDS, conductivity 140uS/cm Salt (NaCl): Crystalline form, listed with European Chemicals Agency (ECHA) for the production of active chlorine by electrolysis.

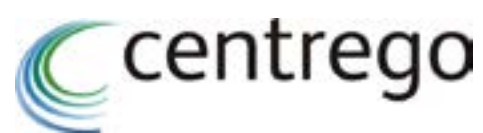


DIMENSIONS			
Device and base	270mm H	105mm W	100mm D

WEIGHT	
Device and base	531g

SOLUTION CERTIFICATION	EN13727
EN14476	EN13624
EN16777	EN1656 (Cefas Aquaculture approved)
EN13697	EN1500
EN1650	EN17126
EN14348	EN1276
EN14675 (Cefas Aquaculture approved)	

SYSTEM CERTIFICATION
European Chemicals Agency (ECHA) listed
UK Health & Safety Executive (HSE) listed
US Environmental Protection Agency Approved
CE Certified



CE UK
CA

