



Flow 40 Plus 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.



Total flow rate	40ls/hr
Salt consumption	3gms/l
Power requirements	90 to 264vac
	1700 W max
Water Pressure	Min 2 bar

pH NEUTRAL ANOLYTE -Hypochlorous Acid	
Flow rate	35ls/r
Free Available Chlorine	450-500ppm
pH	pH6.5-7.2
ORP	>800
EC	<15ms

ALKALINE CATHOLYTE -Sodium Hydroxide	
Flow rate	5ls/hr
pH	pH10.5-11.5
ORP	-800
EC	<15ms

SYSTEM TECHNOLOGY			
Electrochemical Activation (ECA) membrane cell system generating pH neutral anolyte 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			
Flow 40 Device - no stand	75cm Height	54cm Width	30cm Depth
Flow 40 Plus	163cm Height	54.5cm Width	53.5cm Depth

WEIGHTS			
Flow 40 Device - no stand	35kgs	Flow 40 Plus - Dry	75kgs

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



SYSTEM SPECIFICATIONS & FUNCTIONALITY
Fully integrated, automated Flow system
2 X 32L holding tanks to hold 1 x tank anolyte and 1 x tank mixed solution
Float sensors on tanks for automated filling
Water softener to treat incoming water treatment
Combined water softener and systems brine tank container
Bottle filler for solution discharge
High-flow bucket/container filler with dispensing nozzle
Water regulator for incoming water pressure
Internal leak detection and system stop
Self-calibrating flow rates
E-stop and reset
Touch screen operation for operation, alarms and monitoring
Monitoring of Amps, Volts, water flow, brine concentration
316 marine grade stainless steel frame with castors
Incoming additional water filter (optional)

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



CE UK
CA

