



## 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.





## Flow 40 Plus - Technical Information

<b>Total flow rate</b>	40ls/hr
<b>Salt consumption</b>	3gms/l
<b>Power requirements</b>	90 to 264vac
	1700 W max

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

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

<b>SYSTEM TECHNOLOGY</b>
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.

<b>INPUTS</b>
Water (H <sub>2</sub> 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.

<b>DIMENSIONS</b>			
Flow 40 Device - no stand	75cm Height	54cm Width	30cm Depth
Flow 40 Plus	163cm Height	54.5cm Width	53.5cm Depth

<b>WEIGHTS</b>			
Flow 40 Device - no stand	35kgs	Flow 40 Plus - Dry	75kgs

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



<b>SYSTEM SPECIFICATIONS &amp; FUNCTIONALITY</b>
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)

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



CE UK  
CA

