



On-site production of solutions for cleaning, disinfecting & sterilizing



ECA GENERATORS

ZM-300

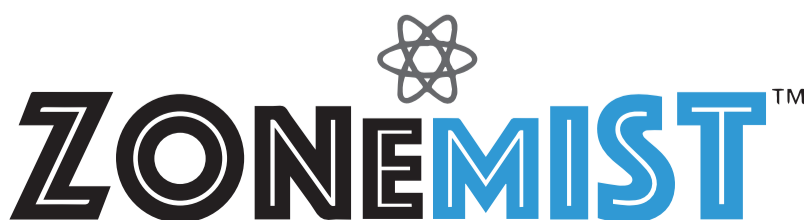


KEY FEATURES

- Easy and safe to use
- Efficient: reduced sterilization contact time
- Self-cleaning
- Biodegradable fluids
- Easy operating procedures give the added benefits to rapid delivery of safe and fast acting disinfectant - Neutral Anolyte
- The strength of Neutral Anolyte in terms of active chlorine concentration can be adjusted by current setting

Safe, Effective & Non-toxic - Excellent Return on Investment

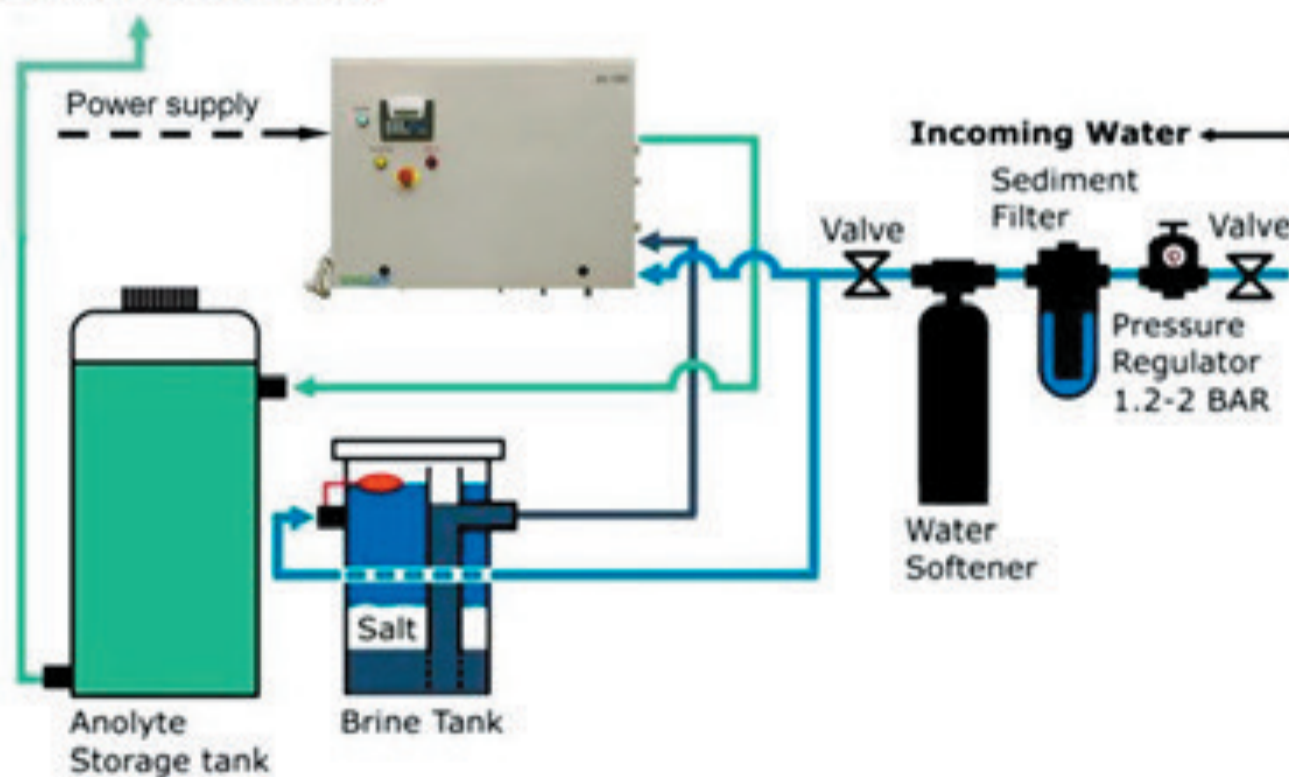
Zonemist ECO-H2O Generator units are designed to generate, on-site, cleaning, disinfecting & sterilizing solutions out of 0.05% - 1.0% salt brine (NaCl or KCl)



ZM-300	300 LPH of ANK-Neutral Anolyte ONLY with possibility for Catholyte isolation for Ph correction of ANK or Acidic Anolyte (50%-80%) and Catholyte (50%-20%) ONLY
Output capacity	
FAC (Minimum)	500 ppm
Water supply	2-3 bar
Salt consumption per 1 liter of Anolyte	~5-7 g depending on the source water * ZM-300 generators with lower salt consumption are available upon request
Power source	380 - 415V 50 hZ/3 phase
Power consumption	3,6 KW/H (3x1,2 KW/H)
Special note	Specially designed ZM-300 units are available with ~1,75 - 2,0 g per 1 L of anolyte or ~3,5 -4,0 g per 1,0 g of FAC salt consumption and ~1,7 kW/H power consumption. Specially designed units with lower parameters of salt and energy consumption are available upon request.
Flushing mode	Manual
Brine delivery	Venture
Type of cell	R-300
Piping & fittings	Genova piping system. NSF certified. Compatible with ASTM D1785, ASTM D2241 and ASTM D2846 standards for cold drinking and hot water & Kynar.
Cabinet(s) size & material	800X600x300 Polyester
Weight	~ 45 kg.

- A flow controller is installed in the Hydraulic part to shut the Zonemist ECO-H2O unit if there is interruption of water supply and to start the unit as soon as water flow resumes
- A simple on/off switch with power indicator starts and stops the ZM units manually.
- Capacity depends on the model and varies between 40 LPH and 4000 LPH

Anolyte for multitude applications and different markets



This layout would be used when the disinfectant fluid (Anolyte) and the cleaning fluid (Catholyte) are required as separate liquids. This configuration is often used in applications such as surface cleaning where the Catholyte is added to warm water to facilitate its degrease action. The generator is connected to a level sensor in the first buffer tank and it will start or stop depending on the levels set at installation. Pumps can be connected to the tanks to move the fluids either into a water system or to connect to high pressure sprayers or fogging equipment for surface cleaning. In addition in the waste water industry Catholyte and Anolyte are often required as separate fluids.