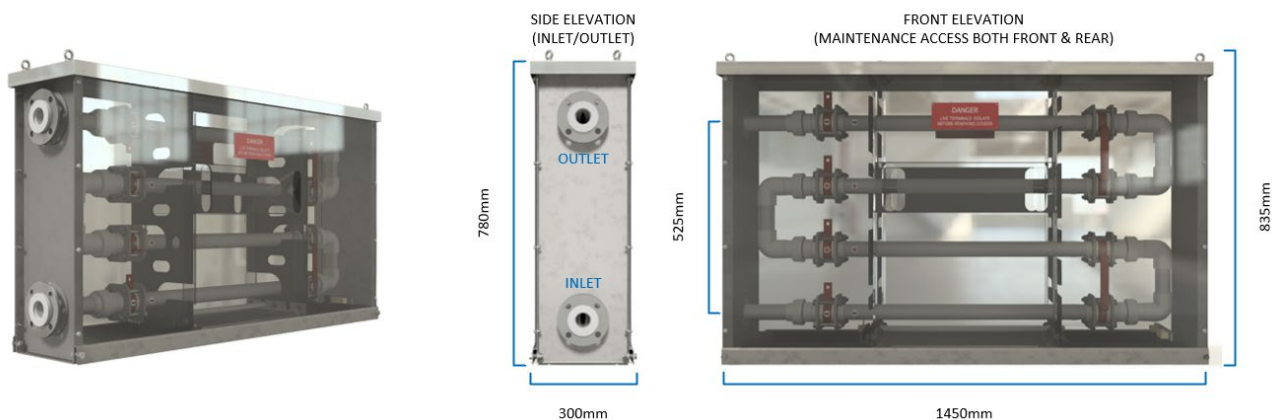


## CHLOROPAC® Marine Growth Prevention System MK4M ELECTROLYSER

### Specification – Electrolyser Design Conditions



Process Parameter	Details		
Operating Process:	Chlorination Treatment		
Application:	Seawater		
Inlet Particles (Microns):	<800		
Fluid Temperature (°C):	5 - 35		
Ambient Operating Temp (°C):	0 - 50		
Operating Pressure (Barg):	10 Max		
Flowrate (m³/hr):	6m³/hr - Minimum	7m³/hr - Normal	
NaOCl Concentration (PPM):	1500 Max		
Single Electrolyser per Stream:			
Type of Electrolyser:	MK4M-SB		
Part Number:	W3T472121		
Max NaOCl Output (Kg/hr):	1*	2*	
Operating DC Current (A DC):	230	460	
Operating DC Voltage (V DC):	30	30	
Max Operating Power (KVA):	9.0	17.9	
Pressure Drop @ 26m³/hr	1.2 Barg	1.2 Barg	
Cell Electrode Type:	Self-Cleaning Concentric Tubular Electrode		
Cells Material:	Titanium		
Anode Coating:	MMO		
Seal Material:	Gaskets: Neoprene	O-Rings: FKM	
Pressure Test:	15 BarG for 30minutes		
Dimensions:	Width: 1450 mm	Depth: 300 mm	Height: 835 mm
Enclosure Material:	316SS / PETG		
Termination:	2" ANSI 150 Flange		
Enclosure Rating:	IP 44		
Protection:	Flow Transmitter (External)	Liquid Leak Detector	
Weight (Kg):	Dry: 90	Operating: 100	

#### Notes:

- Specifications above are confidential and proprietary to Evoqua Water Technologies. Trademarks are those of their respective owners
- NaOCl output is self-regulating on a seawater salinity of 19g/l & a temperature range of 10-35°C, for continued operation in lower seawater salinity & temperatures please refer to the Evoqua Applications Team.
- The DC output from the power supply to each module of the generator shall be adjustable from 10% to 100% of the rated capacity.
- The minimum guaranteed life of cells shall be 3 years with self-cleaning arrangement.

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Datasheet  
 Electrolyser MK4M-SB (MGPS)  
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