





## CQM WATER ON SITE HYPOCHLORITE GENERATION DEVICES, Drinking Water Treatment Systems. SRDWB(With Brine):

MODEL	SRDWB 1200	SRDWB 2500	SRDWB 3750	SRDWB 14000
				
<b>PERFORMANCE</b>				
Chlorine production (100% concentration) [gr/hour]	40	100	200	1000
<b>WORKING CONDITIONS</b>				
Maximum reactor's pressure	8 bar (standard)	8 bar (standard)	8 bar (standard)	Open vessel
Power consumption* [kW]	0.5-1 kW	1-2kW	1.5-3 kW	3-7 kW
Water temperature [°C]	10-35	10-35	10-35	10-35
Electrolysis MAX current	40A (DC)	100A (DC)	200A (DC)	1000 A (DC)
<b>WATER INLET REQUIREMENTS</b>				
Temperature range	Up to 30°C	Up to 30°C	Up to 30°C	Up to 30°C
Conductivity	1-30,000 µS/cm	1-30,000 µS/cm	1-30,000 µS/cm	1-30,000 µS/cm
Chlorides - mg/L	1-2,000	1-2,000	1-2,000	1-2,000
pH	6-7.6	6-7.6	6-7.6	6-7.6
Total hardness - ppm	0-2000	0-2000	0-2000	0-2000
<b>SKID DIMENSIONS</b>				
Total Height x Width x Length – mm x mm x mm	1600 x 1200 x 2100	1600 x 1200 x 2000*	1600 x 1200 x 2000*	1450 x 1300 x 1350 **
Shipping Weight [Kg]	310	400	450	1100**







CQM WATER LTD – 516190238  
P.O box 410, Kibbutz Givat Hashlosh, 4880000



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MODEL	SRDWB 1200	SRDWB 2500	SRDWB 3750	SRDWB 14000
				
Operating Weight [Kg]	610	910	950	2200**
Operating Reactor Volume [L]	20	30	40	650
Brine Pump and Accessories	V	V	V	V
HS Code	8421219000/7	8421219000/7	8421219000/7	8421219000/7
Shipping Terms	EXW Ex Works	EXW Ex Works	EXW Ex Works	EXW Ex Works
<b>SUPPLIED BY CUSTOMER</b>				
Roof-top, housing	V	V	V	V
Inlet water connection	V	V	V	V
Outlet water connection	V	V	V	V
Drain point	V	V	V	V
Salt consumption -Common food-grade salt (DIN 19604/EN 973).	3-4 gr' per 1 gr' pure chlorine	3-4 gr' per 1 gr' pure chlorine	3-4 gr' per 1 gr' pure chlorine	3-4 gr' per 1 gr' pure chlorine
<b>POWER SUPPLY</b>				
Power circuit voltage - V/Ph/Hz	220V/400V 3phase 50/60 Hz	220V/400V 3phase 50/60 Hz	220V/400V 3phase 50/60 Hz	220V/400V 3phase 50/60 Hz
Total power input [kW]	1 kW (max)	2 kW (max)	3 kW (max)	7 kW (max)







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MODEL	SRDWB 1200	SRDWB 2500	SRDWB 3750	SRDWB 14000
				
Total max current [A]	3x10A	3x12A	3x16A	3x25A
Wiring section power cable	5x1.5 mm <sup>2</sup>	5x2.5 mm <sup>2</sup>	5x2.5 mm <sup>2</sup>	5x6 mm <sup>2</sup>
<b>EQUIPMENT CHARACTERISTICS</b>				
Controller	Allen Bradley	Allen Bradley	Allen Bradley	Allen Bradley
Housing	Single cell	Single cell	Single cell	Single cell
Coating	Fusion Bonded Epoxy	Fusion Bonded Epoxy	Fusion Bonded Epoxy	Fusion Bonded Epoxy

\* Skid dimension without the Salt Tank.

\*\* Reactor dimension and weight only. Brine and product tanks will be decided as per project requirements.

3/2023



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