



SODIUM HYPOCHLORITE GENERATOR





BATCH SYSTEMS





Parallel plate electrolyzer assembly



SYSTEM RANGE

150 ™ 3000 g/batch

(8 hrs)

	Equivalent Chlorine Output	1ppm	2ppm	3ppm	4ppm	5ppm	Plug Point Rating (Amps) with 220 VAC Single Phase 50Hz
MODELS	gm/batch (8hrs)		e of wate es Per Da		Amps		
RTCHLOR-BBT-15S	150	450	225	150	113	90	5.00
RTCHLOR-BBT-50S	550	1650	825	550	413	330	5.00
RTCHLOR-BBT-100S	1100	3300	1650	1100	825	660	15.00
							Breaker Rating with 415 VAC 3 Phase 50Hz
RTCHLOR-BBT-200S	2000	6000	3000	2000	500	1200	10.00
RTCHLOR-BBT-300S	3000	9000	4500	3000	750	1800	10.00



batch system

for stagewise production

OF SODIUM HYPOCHLORITE

and operate. It can be made fully operational within few hours of receiving all the inputs at the installation. Each batch is considered for 8 hours of operation and it can be operated for 24 hours (in 3 batches) to augment the production. Locally available manpower can be trained in a day to operate the system.



CONTINUOUS SKID SYSTEMS





parallel plate electrolyzer assembly



SYSTEM RANGE

12 to 144 Kg/day

	Equivalent Chlorine Output	Soft water for Brine Preparation		1ppm	2ppm	3ppm	4ppm	5ppm	AC amps @415V, 3Ph, 50Hz	Main feeder Capacity
MODELS	Kg/day	Liters/hr	M3/day	Volume of water that can be disinfected Million Litres Per Day (MLD)				Amps	Amps	
RTCHLOR-BCT-500G	12.0	62.5	2.0	12	6	4	3	2	5	7.5
RTCHLOR-BCT-1K	24.0	125.0	3.0	24	12	8	6	5	10	14.5
RTCHLOR-BCT-1.5K	36.0	187.5	5.0	36	18	12	9	7	14	21.0
RTCHLOR-BCT-2K	48.0	250.0	6.0	48	24	16	12	10	19	21.0
RTCHLOR-BCT-3K	72.0	375.0	9.0	72	36	24	18	14	29	35.0
RTCHLOR-BCT-6K	144.0	750.0	20.0	144	72	48	36	29	58	68.0



Skid-Based System

for continuous production

OF SODIUM HYPOCHLORITE

of all equipment mounted on a single compact skid conducive for easy installation and operation. It can be transported on a single truck and can be containerized, if desired. Systems can be made fully operational and generating hypochlorite within 24 hours of receiving the required inputs at the battery limit.





parallel plate electrolyzer assembly



SYSTEM RANGE

240 ™ 864 Kg/day



modular system

for continuous production
OF SODIUM HYPOCHLORITE

of modules for each unit operation like brine preparation, electrolysis, hypochlorite storage and dosing system. Each module can be transported to the site independently and on integrating the modules, the whole plant will be fully operational in very short time if the site is ready for installation with required inputs at the battery limit.

Brine Based

Onsite Hypochlorite Generating Systems

Electrolysers are factory assembled into modules and integrated at site. Each module is tested for all its mechanical and electrical features before despatch

Booster pumps and dosing pumps are functionally tested at factory for conformance to relevant standards. They are assembled on skids with all fittings at the suction and discharge and integrated at site



RT CHLOR-BCT Modular system Electrolyser Assembly along DC power Bus-duct

Salient Features

- Each standard Model can be operated between 50% to 100% of rated capacity
- Fully automatic plant is available as an option
- Eliminates handling and transportation of hazardous materials
- No hazardous Effluent



RT CHLOR-BCT Modular system Dosing Pumps Assembly

1. Batch Systems







3. Skid-based System







RT CHLOR-BCT Modular system Hypochlorite Storage tanks and Acid Cleaning system

Dosing tanks and acid cleaning tanks are factory assembled with all fittings and instruments and despatched as modules.

Blowers are functionally tested at factory for conformance to relevant standards. They are assembled on skids with all fittings at the suction and discharge and integrated at site



RT CHLOR-BCT Modular system Hydrogen Dilution Blowers

Applications

- Waste water treatment
- Drinking water disinfection
- Cooling water system
- Poultry and fisheries

1. Batch Systems



2. Batch Systems



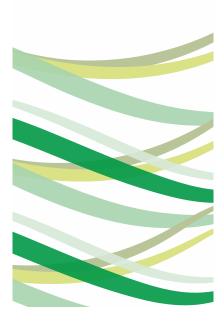
3. Batch Systems



Contact

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Dealers / Agents

