



**Brine Based Systems**  
SODIUM HYPOCHLORITE GENERATOR



[www.noblechlor.com](http://www.noblechlor.com)



BATCH  
SYSTEMS



Parallel plate  
electrolyzer assembly

**KLOROGEN**<sup>®</sup>

SYSTEM RANGE

150 TO 3000 g/batch

(8 hrs)



MODELS	Equivalent Chlorine Output	1ppm	2ppm	3ppm	4ppm	5ppm	Plug Point Rating (Amps) with 220 VAC Single Phase 50Hz
	gm/batch (8hrs)	Volume of water that can be disinfected Kilo Litres Per Day (KLD) with 3 batches/day					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**

**RT CHLOR**® Batch systems are simple to install 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 man-power can be trained in a day to operate the system.





# CONTINUOUS SKID SYSTEMS



parallel plate  
electrolyzer assembly

**KLOROGEN**<sup>®</sup>

SYSTEM RANGE

12 TO 144 Kg/day

MODELS	Equivalent Chlorine Output	Soft water for Brine Preparation		1ppm	2ppm	3ppm	4ppm	5ppm	AC amps @415V, 3Ph, 50Hz	Main feeder Capacity
	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<sup>□</sup>Based system

for continuous production  
OF SODIUM HYPOCHLORITE

**RT CHLOR** Skid based continuous system consists 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.



# MODULAR SYSTEMS



parallel plate  
electrolyzer assembly

**KLOROGEN**<sup>®</sup>

SYSTEM RANGE

240 TO 864 Kg/day





MODELS	Equivalent Chlorine Output	Soft water for Brine Preparation		1ppm	2ppm	3ppm	4ppm	5ppm	AC amps @415V, 3Ph, 50Hz	Main feeder Capacity
	Kg/day	Liters/hr	M3/day	Volume of water that can be disinfected Million Litres Per Day (MLD)					Amps	Amps
RTCHLOR-BCT-10K	240.0	1250.0	30.0	240	120	80	60	48	111	130.0
RTCHLOR-BCT-12K	288.0	1500.0	36.0	288	144	96	72	58	121	139.0
RTCHLOR-BCT-15K	360.0	1875.0	52.0	360	180	120	90	72	167	189.0
RTCHLOR-BCT-18K	432.0	2250.0	65.0	432	216	144	108	86	181	207.0
RTCHLOR-BCT-20K	480.0	2500.0	70.0	480	240	160	120	96	223	248.0
RTCHLOR-BCT-30K	720.0	3750.0	110.0	720	360	240	180	144	348	360.0
RTCHLOR-BCT-36K	864.0	4500.0	125.0	864	432	288	216	173	348	360.0

# modular system

**for continuous production OF SODIUM HYPOCHLORITE**

**RT CHLOR**® continuous modular system consists 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

## 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 Electrolyser Assembly along DC power Bus-duct



RT CHLOR-BCT Modular system Dosing Pumps Assembly

1. Batch Systems



2. Skid-based System



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

