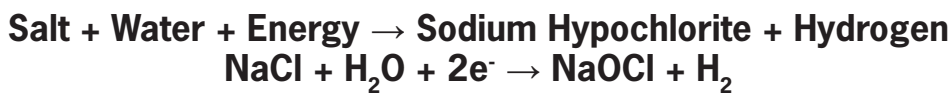


ClorTec®

On-site Sodium Hypochlorite Generating Systems MCT Series 5.4 to 16.2kg/day

The ClorTec™ on-site sodium hypochlorite generation process offers unparalleled safety and cost efficiency. ClorTec on-site systems generate typically 0.8% sodium hypochlorite by combining three common consumables:



ClorTec is a further development in sodium hypochlorite generation systems from Severn Trent Services. The MCT product series provides users with a cost effective, reliable and safe method of generating sodium hypochlorite on demand. ClorTec cells are mounted on an all plastic construction frame, using a modular format to facilitate servicing and provide enhanced potential for expansion. The process is a simple and straightforward method of generating sodium hypochlorite from brine for municipal and industrial applications, and is approved for use in the disinfection of potable water, wastewater and water applications.

ClorTec on-site sodium hypochlorite generating systems are fully ATEX compliant.

System Benefits:

- Clear electrolytic cells means that initial maintenance can be performed by visual inspection.
- Optimised systems reduce whole life cost compared to commercial sodium hypochlorite
- No need for bulk storage or transportation of hazardous chemicals
- Consistent solution strength that is not subject to rapid decay
- ClorTec units are mounted on a frame to facilitate servicing, transport, ease of installation and provide additional potential for expansion.

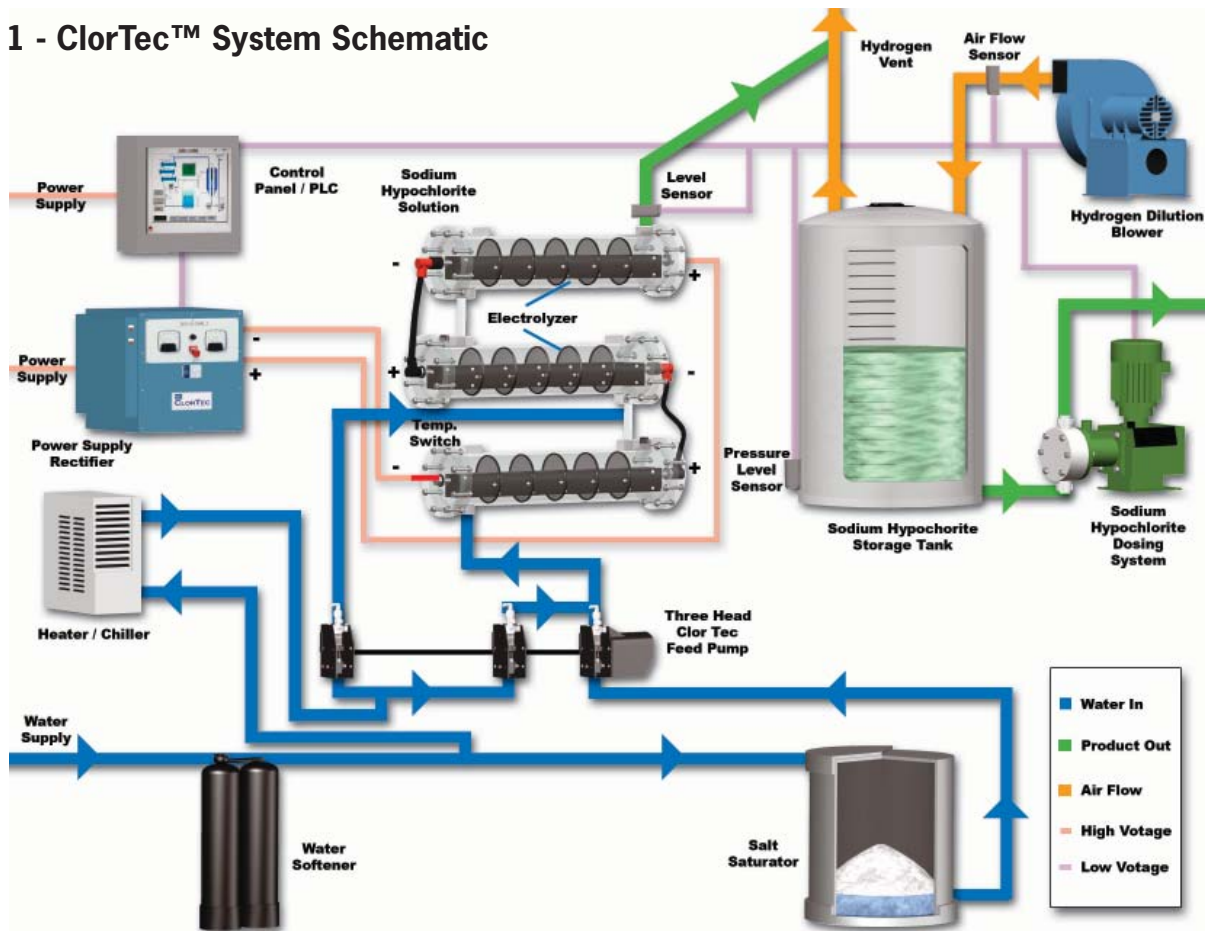
Typical Performance Characteristics:

Model	Output of Cl equivalent kg/day	Flow L/day	Salt used kg/day	Electricity Consumption Kw hrs (AC)
MCT-12	5.4	681	16.3	23.8
MCT-24	10.8	1363	32.7	47.6
MCT-36	16.2	2044	50	71.3

Sodium Hypochlorite: 0.8% ± 0.05% concentration



Figure 1 - ClorTec™ System Schematic



Note: Certain equipment is optional



Control Panel Benefits:

- Inbuilt DC power supply
- Control via colour touch screen
- Fully automatic
- Allen Bradley or Mitsubishi PLC



Product Tank Benefits:

- Integrated dilution blower and air flow switch
- Product level sensor
- Range of sizes



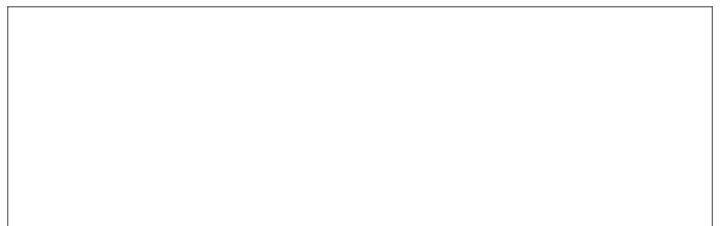
ClorTec™ Generator Skid Benefits:

- Integrated duplex water softener
- Optional standby brine pump
- Transparent generating cells
- Dilution water temperature control

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