

ClorTec® ER

Portable Disinfectant Generator

De Nora Water Technologies' ClorTec® ER system generates sodium hypochlorite wherever and whenever disinfection is required. These lightweight, extremely portable systems are designed for use in rural, isolated or emergency locations where water purification, waste treatment or surface disinfection is required. ClorTec® ER systems are ideal for use in areas where

chemical storage creates a risk or in areas where other disinfectant chemicals are in short supply.

Using a proprietary electrolytic technology, the ClorTec® ER can produce up to 100 liters (26 gallons) per day of ready-to-use disinfectant. These units are easy to operate, require no special operator training and maintenance is minimal.

All you need in addition to the ClorTec ER system is a small tank, table salt and an electrical power source.



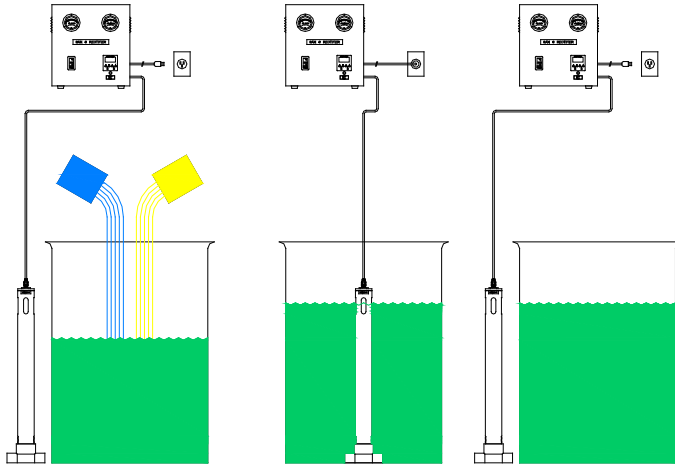
The ClorTec® ER Advantage:

- Lightweight, extremely portable
- Safe and simple to operate
- Requires non-metallic standard tank, salt, clean water and household electric power
- Cell can be cleaned quickly with household vinegar
- Operation principle based on proven ClorTec® electrolytic technology
- Produces stable, low concentration hypochlorite solution that does not degrade

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Simple, 3-Step Batch Operation



Operating the ClorTec® ER is easy.

- **STEP 1**
Add salt and water to tank in quantities described in the table below. Thoroughly mix the salt into solution.
- **STEP 2**
Put cell in tank and turn on rectifier.
- **STEP 3**
After run time is complete, unplug the rectifier and remove the cell.

Material Requirements & Recommended Run Times

| Volume of Water Used | Amount of Salt Required to make 30 gm/liter (0.25 lb/gal) | Recommended Run Time | Amount of Available Disinfectant at End of Run |
|----------------------|---|----------------------|--|
| | | | ClorTec® ER |
| 100 liters (26 gal) | 3 kg (6.6 lb) | 4.0 hours | 100 liters (26 gal) |

ClorTec® ER Cell Specifications

- Weight: 6.75 kg (15 lb)
- Overall Diameter: 178 mm (7 in)
- Height: 1026 mm (40 in)

ClorTec® ER Rectifier Specifications

- Weight: 26.3 kg (58 lb)
- Footprint: 305 mm (12 in) x 305 mm (12 in)
- Height: 305 mm (12 in)

Incoming Power: The transformer/rectifier is designed to operate with a nominal 120 or 240 AC; however each system is factory configured to the users specific requirement. De Nora Water Technologies' unique DC control circuit allows a consistent current output to maximize cell production and electrical efficiency. Units can be configured for 110/120 or 220/240 volt, single phase, 50 or 60 Hz power.

NOTE: Active ingredient is 0.5% sodium hypochlorite. Tanks available as optional extras

WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL



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