

SANILEC® 6

PORTABLE SODIUM HYPOCHLORITE GENERATOR

Severn Trent De Nora's SANILEC® 6 system generates sodium hypochlorite wherever and whenever disinfection is required. These lightweight, extremely portable systems are designed for use in rural or isolated locations where water purification, waste treatment or surface disinfection is required. SANILEC 6 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 SANILEC 6 can produce up to 6.6 pounds (3kg) per day of equivalent chlorine as sodium hypochlorite at a concentration of 5 gm/L. These units are easy to operate, require no special operator training and maintenance is minimal. The SANILEC 6 system eliminates the need to transport, store and handle dangerous chlorine liquid/gas or concentrated hypochlorite solutions, which degrade rapidly in storage.

The start up investment for a SANILEC 6 system is as simple as a small tank, table salt and an electric power source.

The SANILEC® 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 SANILEC electrolytic technology
- Produces stable, low concentration hypochlorite solution that does not degrade

For more information on the SANILEC® 6 on-site generation system visit www.severntrentdenora.com

UNDERSTANDING
A VALUABLE RESOURCE



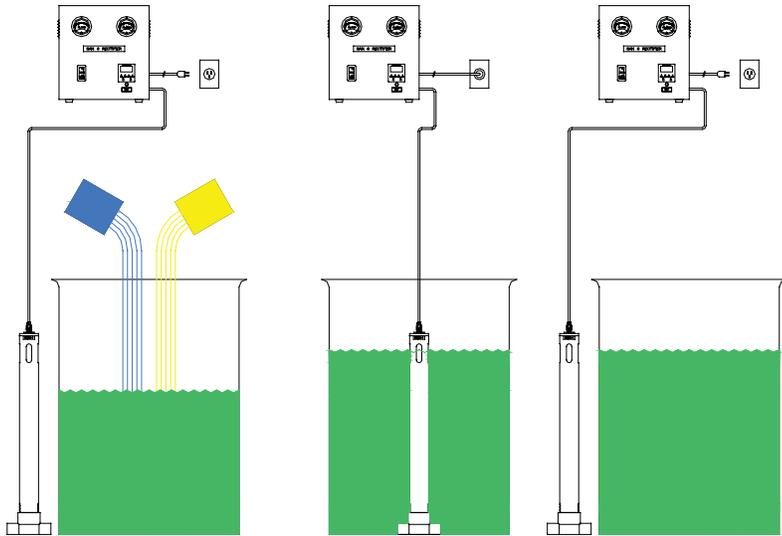
The SANILEC® 6 produces up to 6.6 pounds (3 kilograms) of chlorine equivalent per day.

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WE UNDERSTAND ON-SITE DISINFECTION

Simple, 3-Step Batch Operation



Operating the SANILEC® 6 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 Chlorine at End of Run
			SANILEC 6
100 liters (26 gal)	3 kg (6.6 lb)	4.0 hours	0.50 kg (1.1 lb)
166 liters (44 gal)	5 kg (11 lb)	6.7 hours	0.83 kg (1.8 lb)
200 liters (53 gal)	6 kg (13 lb)	8.0 hours	1.00 kg (2.2 lb)
300 liters (79 gal)	9 kg (20 lb)	12.1 hours	1.50 kg (3.3 lb)

SANILEC® 6 Cell Specifications

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

SANILEC® 6 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. Severn Trent De Nora's 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.

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