The ZGEN-14 Model

The TMI ZGEN-14 is a stand-alone, on-site generator optimized to produce hypochlorous acid with neutral pH. Using advanced technology the system converts salt, vinegar, water and electricity into an effective, safe and powerful solution that can substitute for a number of conventional chemicals used on a daily basis.

Uses
- Bacteria inactivation
- Virus inactivation
- Cleaning food surface preparations areas
- Tile floor cleaning
- General surface Cleaning
- Fogging / Misting
- Any situation where sodium hypochlorite or calcium hypochlorite have traditionally been used.

Specifications
- Touch-screen display
  - Size 5” x 4” color display
  - Resistive touch membrane overlay
- Built in safety sensors
  - Water, flow, & level sensors
- Power supply
  - 50 amp 24v DC water-cooled switch mode
- Electrode stack
  - [1] x 15,000 hr reverse polarity
- Operating temperature
  - 45°F (7°C) to 115°F (46°C) air temperature
  - 50°F (10°C) to 80°F (26°C) water temperature
- Electrical specifications
  - Max AC primary amps – (3.5)
  - Voltage / Hz – (110-240v 50/60Hz single phase)
  - Breaker required – (15 amp)

Skid dimensions and weight
- Depth x width x height: 19” x 45” x 64”
- Weight: 300 lbs. / 136 kg

Water required
- Water flow: 0.1 gpm / 0.3785 lpm
- Water pressure (min): 10 psi / 0.7 bar
- Water pressure (max): 25 psi / 1.7 bar
- Water softener required: No

Generator performance
- Hypochlorous acid (sanitizer): 0.1 gpm (144 g / day) / 0.3785 lpm (545 l / day)
- (sanitizer) pH: 5.5 - 6.5
- (sanitizer) FAC: > 1,000ppm

Salt and acid usage
- Estimated salt usage: 10 lbs. / 240g / 4.5 kg / 908 L
- Estimated acid usage: 1g / 180g / 3.7 L / 680 L
- Salt type: Rock, solar or evaporated
- Acid type: 30% Vinegar
TMI Salt Pure Corporation has pioneered on site chlorine generation for over 25 years. Considered a leader in the commercial recreational water sector, our clients span a number of countries and includes: health clubs, universities, hospitals, indoor water parks and more. The ZGEN technology is a straightforward, smaller scale version of the process we use in large commercial pools. As with the aquatics arena, TMI will provide its highly regarded remote technical support for all technical assistance with the operation and maintenance of the ZGEN.