

Pure Chlorine Unit

Cleaning-& disinfection technique

Tuinbou 技术
& -benodigdheden



INTRODUCTION

The Pure Chlorine Unit is a device for cleaning and disinfecting 100% of the entire water system. In the device is Pure Chlorine produced by means of salt tablets, water and power. The Pure chlorine is in the process water dosed. This can be inline or through recirculation on a water supply.

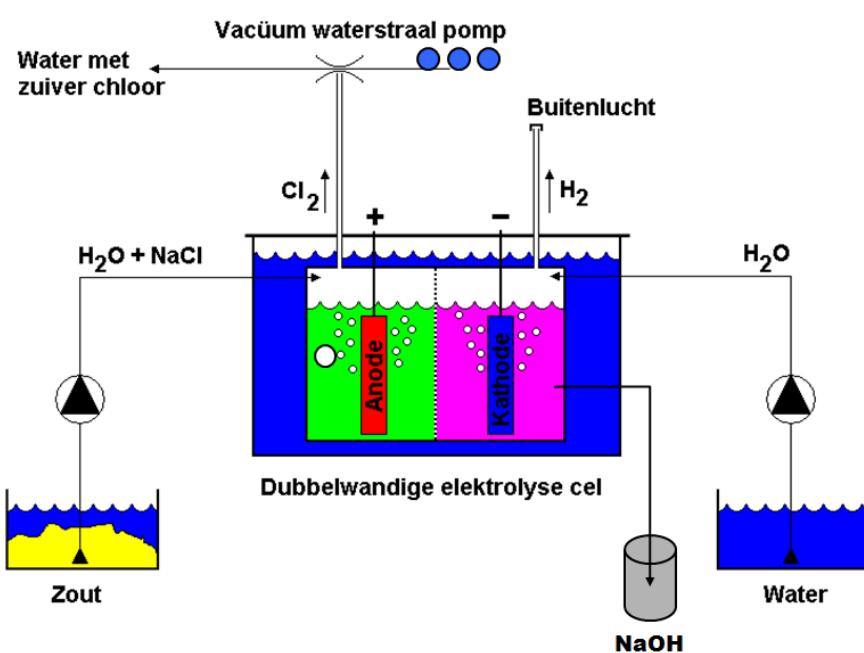
TECHNIQUE

- Pure Chlorine Unit connect to mains 230V and on tap water
- Small osmosis on the unit makes tap water demi water
- Pure salt tablets (sodium chloride) in salt shaker be solved in demi water
- Chloride from the salt solution in the electrolysis cell is converted to pure chlorine
- Only the element pure chlorine is added to the process water by means of a venturi
- 100% adjustable, verifiable chlorine-chlorine production & proportional dosage



CHARACTERISTICS

- Adding only a minimal amount of pure chlorine
- No addition of chloride, chlorate, chlorite, sodium; EC-increase nil
- Produced on the spot, so no stock of chlorine
- To send through a chlorine measurement & scheme
- Water quality and production control of pure chlorine through plexiglass box
- Smart design with few moving parts
- Materials for high quality
- No point disinfection such as stove, ozone,UV, but system cleaning and disinfection



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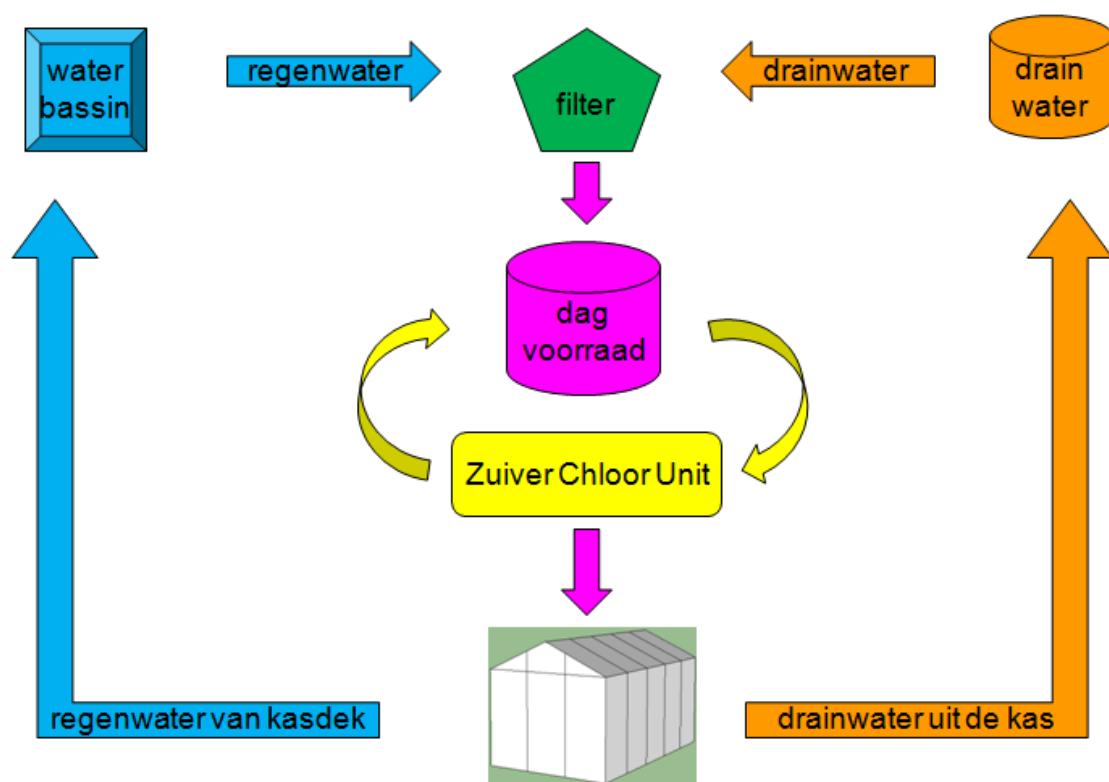
SPECIFICATIONS

- Capacity 50 grams of Pure Chlorine per hour
- Voltage 230 VAC
- Power 220 watt
- Consumption 130 grams of salt per hour & 3 liters of water per hour
- Contact entrance potential-free
- Analogue input is active or passive
- Size B x D x H = 100 x 35 x 140 cm
- Environment temperature of + 10 to + 35 degrees and humidity max. 92%



SALT ELECTROLYSIS

- ARB Use table salt, no dangerous chemicals.
- Milieu The least possible waste products directly and indirectly from process water
- Safety No transport, storage and handling of hazardous chemicals.
- Teelt Minimize unwanted additions to process water



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