

PURE CHLORINE UNIT

Tuinbou 技术
& -benodigdheden



Cleaning-& disinfection technique

INTRODUCTION

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

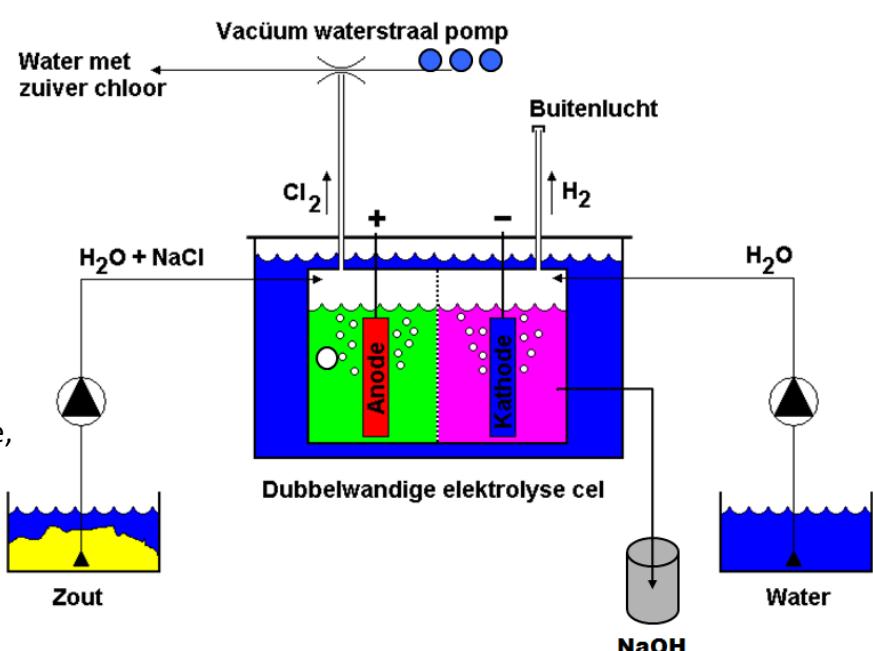


TECHNIQUE

- Pure Chlorine Unit connect to mains 400V and on tap water
- Softener on the unit removes the tap water of calcium and magnesium
- Pure salt tablets (sodium chloride) in salt shaker are fixed in softened water
- Chloride from the salt solution is in the electrolysis converted to pure chlorine
- Only the element pure chlorine is added to the process water by means of a venturi
- 100% adjustable and controllable chlorine production

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, UV, ozone, but system cleaning and disinfection



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DESIGNS

100 grams per hour	1 cel	1,1 kW	400V
200 grams per hour	2 cel	1,5 kW	400V
300 grams per hour	3 cel	1,5 kW	400V
400 grams per hour	4 cel	2,3 kW	400V
500 grams per hour	5 cel	2,7 kW	400V

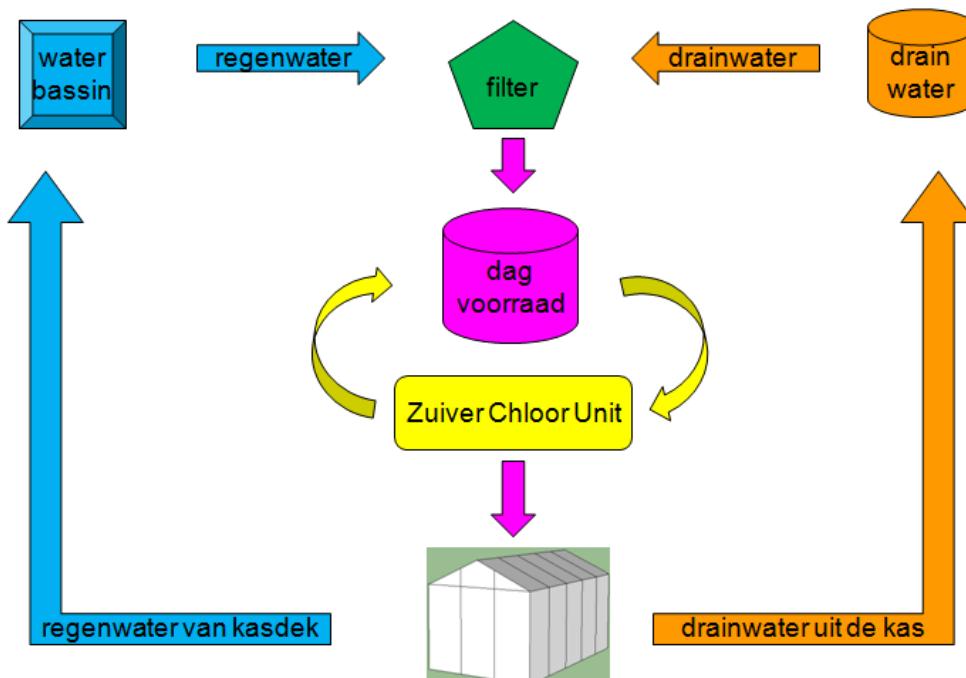
SPLITTER

all versions are to perform with a splitter;
allows up to 6 different water streams are
equipped with a private chlorine dosage.



SALT ELECTROLYSIS

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



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