



CrystalClear[®]
CHLORINATORS

Semi - Commercial Units



SC160 – SC300

- Available with non-reversing or reversing cells, producing from 160 to 300 grams per hour
- Advanced microprocessor control unit with easy to use LCD interface
- Efficient Switch Mode Power Supplies
- Liquid cooled power supplies using heat exchanger technology
- High-Quality lubrication free 2-way valves with the option for full automation
- Power supplies using PWM control for accurate and efficient chlorine production
- Proven cell configuration incorporating the very best available DS-MMO electrode material which is manufactured in the USA
- Ideally suited for applications that do not require the outlay of a full commercial installation
- Salinity Range 3,000 - 36,000 ppm



Valves with the option
for full automation



Utilising our proven cell
and electrode design with
improved commercial
grade components

WHY USE SEMI-COMMERCIAL CHLORINATORS?

- Not quite as expensive as commercial units but built to last
- Electrode life can be 2-4 times that of domestic
- Easy to integrate and maintain
- EXAMPLE:
 - To get 150gr/hr on a domestic unit you would use say 4 domestic chlorinators. Cell life is 10 000hr at 24hrs so once again you will be fortunate to get 18 months life. There are also once again so many electrodes to plumb in.
 - To get 150gr/hr on a semi-commercial unit you would use a SC-160. Cell life is on average 15 000hr but there is an overdesign F.O.S. So typically you are looking at 3-4years plus on the electrode. Only one electrode to plumb.

SUMMARY

- Reverse polarity
- Salinity: 2000 - 36 000 ppm
- Expected electrode life – up to 4 years
- The reversing action de-scales the build-up of calcium and reduces electrode cleaning maintenance by 95%
- Powered by switch mode power supply technology
- Considerably more efficient than transformer powered chlorine generators
- Sealed, internally cooled power supply
- Designed for easy installation.
- Skid mount is optional



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