



Atecpool SalChloro Generator

On-site CL Production

In situ chlorine production by
saltwater chlorination



Atecpool
SalChloro

The cost-saving, powerful
and tailor-made chlorine generator

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SC17AT Model



SC35AT Model



SC70AT Model



Atecpool SalChloro Generator includes

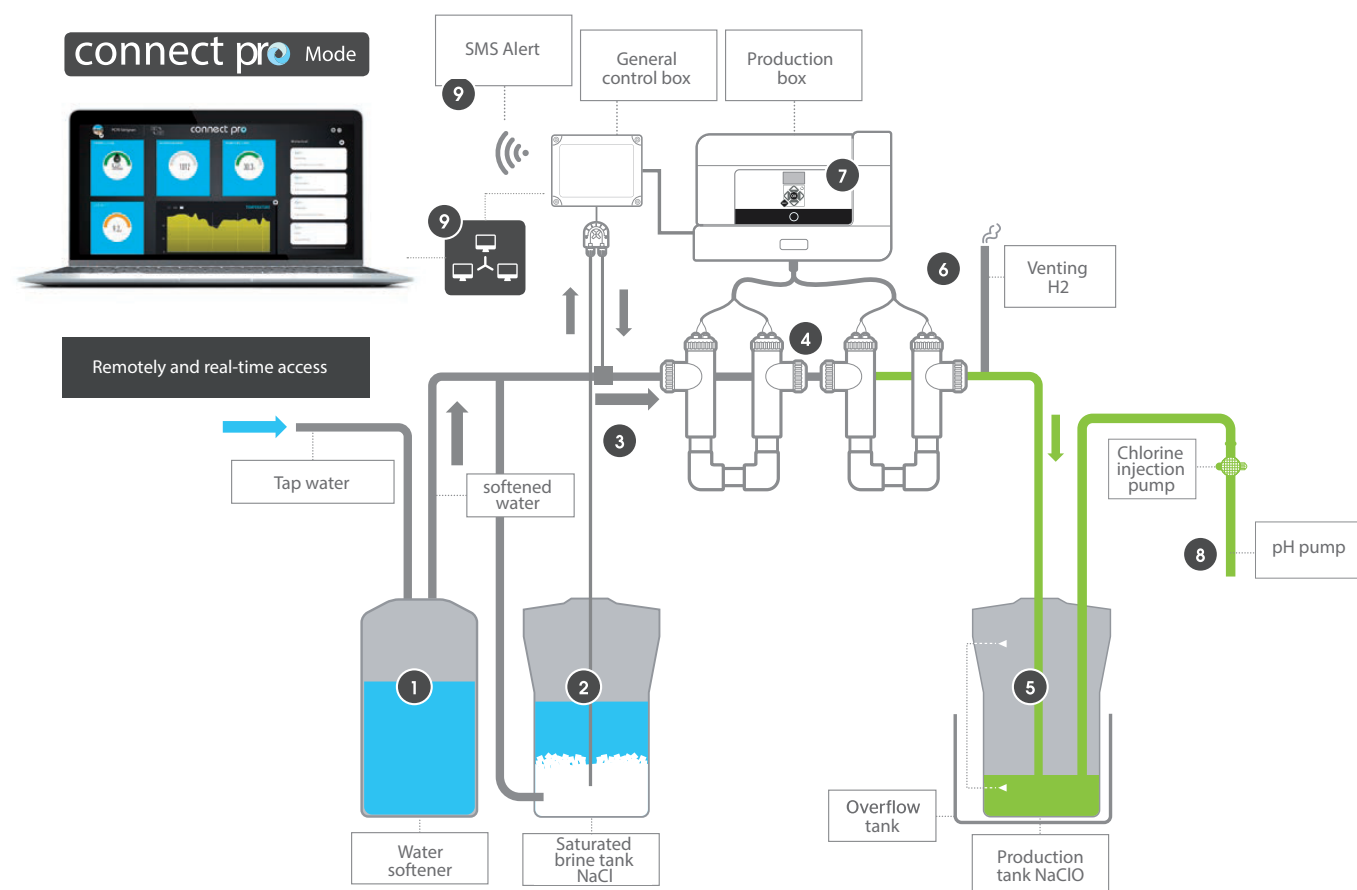
- 1 Control and Production Box**
 Easy to use: The BOOST mode allows to launch an automatic filling program in a natural way or with predefined timetables.
 Convenient: LED status indicator allows to check quickly the facility operating properly (SC35AT and SC70AT).
- 2 Production Cells**
 Cell lifespan: Long Cell lifespan: cell lifespan is estimated at 10.000 operating hours.
 Cell maintenance warning: after 1000 operating hours, an integrated lamp timer triggers a written message to check plates condition.
- 3 Softener**
 High filtration capacity: less frequent regeneration due to a higher resin volume.
- 4 Saturated brine tank**
 Ease of maintenance: wide box opening to add easily and quickly the maximum salt level.
 High storage capacity: to add salt level punctually.
- 5 Storage Tank**
 UV-treated tank: preserving pure and fresh chlorine..
 Free-moving suction: allows hypochlorite suction.
 Level probe: allows to avoid the dosing pump deactivation.
 Overflow sensor: in case of chlorine overproduction, the sensor automatically switches off the system.
 Effective maintenance: removable level sensors to facilitate its maintenance or replacement.
- 6 Pump**
 Consumption optimization: pump injects automatically the perfect brine volume in production cells.
- 7 Hydrogen Exhaust System**
 H2 alarm: if an anomaly is detected, a safety mode is triggered and automatically switches off the production of chlorine.
- 8 Connectivity**
 Real-time remote control: Thanks to a SIM card inserted in the system, managers (pool directors, maintenance technicians, hotel managers, etc.) receive real time news and alerts by SMS.
 Remote management: connect pro: Thanks to a simple local network connection, you remotely and real-time centralized information on water quality. Thus, by checking pool parameters on Connect Pro, you significantly reduce your moves

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Atecpool SalChloro - Operating Principle

This solution is an alternative to the use of conditioned chlorine. Packaged chlorine is mainly available in gaseous, liquid or solid form.



- ① A softener feeds the installation with softened water.
- ② Saturated brine is obtained on site from softened water and salt.
- ③ The brine is injected into the softened water stream before the production cell lines.
- ④ Softened water and salt are converted into a solution of sodium hypochlorite (NaClO) according to saltwater chlorination process.
- ⑤ The solution of sodium hypochlorite is poured, by gravity, into a storage tank equipped with level detectors. The production is triggered or stopped automatically depending on the position of the level detectors in order to constantly maintain the required stock of solution. The tank capacity varies depending on the model.
- ⑥ The hydrogen produced is evacuated to the outside by a degassing chimney.
- ⑦ The control box independently manages the production of sodium hypochlorite (NaClO). It allows to maintain a constant supply of solution in order to guarantee, in all circumstances, the ideal chlorine level in the basin.
- ⑧ The supply of the chlorinated solution tank is controlled by automatic chlorine regulation (optional). The injection is done by a large flow metering pump.
- ⑨ SMS Alerts/Remote fleet management