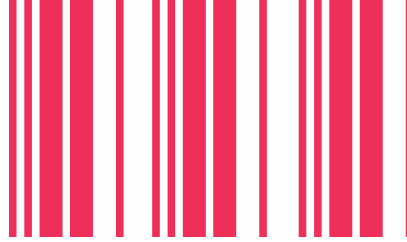


LiQuid  
**bleach**  
PRODUCTION SYSTEM



**HYPO FORTE<sup>®</sup>**

**HIGH STRENGTH HYPOCHLORITE-BLEACH SYSTEM**



[www.rtsolutions.com.sg](http://www.rtsolutions.com.sg)



01. MEMBRANE ELECTROLYZER  
04. UTILITY SECTION

02. BRINE SECTION

03. ION-EXCHANGE COLUMNS

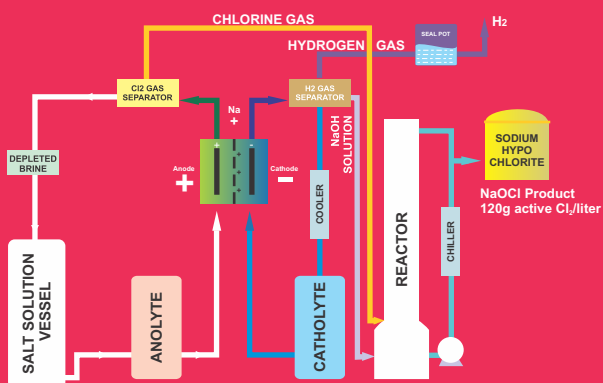
05. PRODUCTION FLOOR

TYPE	MODEL	Cl <sub>2</sub> Kg/day	12% HYPO PRODUCTION in terms of volume (Lit/day)
<b>Pilot Plant</b>	RT HYPO FORTE 10	12	100
	RT HYPO FORTE 20	24	200
	RT HYPO FORTE 50	60	500
<b>Mini Plant</b>	RT HYPO FORTE 100	120	1000
	RT HYPO FORTE 250	300	2500
	RT HYPO FORTE 500	600	5000
<b>Production Plant</b>	RT HYPO FORTE 1000	1200	10000
	RT HYPO FORTE 2000	2400	20000
	RT HYPO FORTE 5000	6000	50000





## The Process



TiTaN's RT HYPO FORTE, the membrane electrolysis technology provides safe and cost effective production of high purity, commercial-strength sodium hypochlorite solution with the simple, less expensive and easy source raw materials; purified salt (brine), water and electricity. RT HYPO FORTE produces pure bleach at the required concentrations either for own internal use on-site or alternatively distribution and packaging for market.


The RT HYPO FORTE electrochemical technology, a specific design for continuous production of commercial hypochlorite on-site, economically and harmless alternative to a disinfection with chlorine gas, chlorine bleaching or other compounds of chlorine. RT HYPO FORTE, the safe, near zero-polluting and multi-configurable system produces bleach at required concentrations, ranging from 5 % to 12.5% of trade grade hypochlorite.





01. MEMBRANE ELECTROLYZER      02. ANOLYTE / CATHOLYTE      03. CONTROL PANEL  
04. BRINE SECTION      05. RT HYPOFORTE SYSTEM

## Advantages

- Purchase salt and electricity (easy sourceable) instead of chlorine and caustic soda.
- Eliminate handling, storage and distribution of liquid chlorine
- On-site production with minimum waste discharge due to maximum recycle.
- Expandable design by adding additional electrolyzer modules
- Economic and high efficient process requires less power and forms less waste .
- Uses indigenously developed  **RT AME**<sup>®</sup> electrolyzers for easy support and durable operation.
- Safe and easy operation produces HYPOCHLORITE with less impurities.
- Low Bromate and Chlorate formation.





**Eliminate storing  
hazardous chemicals**

**BUY ONLY**

**SALT &**

**POWER**

**PRODUCE  
HYPO BLEACH  
ONSITE, SAFELY**

**LIQUID**

**BLEACH**

**NO CHLORINE HAZARDS**

## Contact

---

**Noble Eco Systems Pvt. Ltd.**  
1/89, 1<sup>st</sup> Main Road, Indira Nagar,  
Vengaiwasal. Chennai 73. **INDIA.**

**Ph : +91 44 22781951 /1952**  
**sales@noblechlor.com**

---

**RT Solutions Pte Ltd**

**No.237 Pandan loop,**  
**#04-07 Westech Building,**  
**Singapore 128424.**

**Ph : +65 67785598**  
**sales@rtsolutions.com.sg**



## Dealers / Agents

