

SaltMaker Evaporator Crystallizer

Produce freshwater and solids, achieve true zero liquid discharge.

Input low grade heat and your wastewater or brine. Produce two outputs: freshwater and all contaminants reduced to solids for true zero liquid discharge (**trueZLD**).

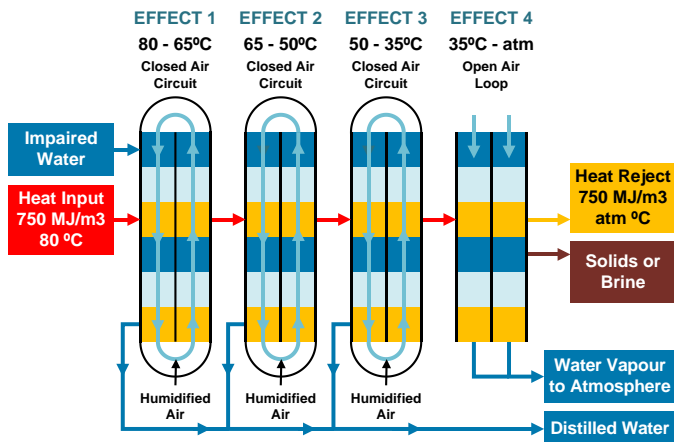
Quick facts

- Low temperature evaporation combined with crystallization for **trueZLD**
- Energy efficient: input 40–90°C heat and recycle energy four times via multiple effects
- Concentrate brine and produce solids
- Fully automated start/clean/stop

Advantages over traditional crystallizers

- Non-corroding, non-stick engineering: fiber reinforced plastics
- Intelligent self-cleaning operation
- Portable, modular design via ISO containers
- Reliable, continuous solids extraction
- Power by low grade waste heat

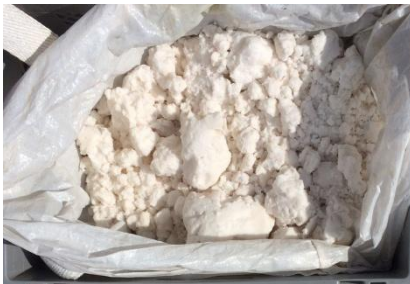
Energy efficient multiple effect design



Modular for easy deployment and expansion



Dependable solids production, **trueZLD**



Pilot systems available for rapid dispatch and testing at site



Modular, automated full scale systems



Contact projects@saltworkstech.com for a SaltMaker Evaporator Crystallizer performance and economic assessment. View our specification sheets and case studies: <http://www.saltworkstech.com>