

Low Cost, Robust Brine Evaporation

NEX™

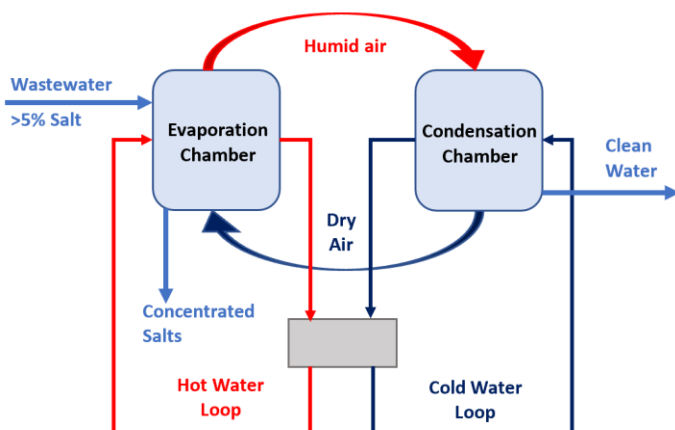
Natural Evaporation & Salt Crystallisation

NEX™ is an evaporation technology for treating highly saline waters, to create pure distilled water and a solid salt by-product.

Highly polluted, saline (>5%) waste streams are fed into a low temperature, ambient pressure humidification chamber where water is evaporated by a dry air stream.

Subsequently, the evaporated water is recovered, together with the heat energy in a dehumidification chamber. This process results in clean distilled water and semi-dry salts produced at low energy cost.

The low-temperature evaporation process reduces the risk of scaling allowing a wide range of input streams.



The NEX™ system treats all types of waste streams such as Reverse Osmosis brines, Mining Effluents, Pharmaceutical Wastes, and Power Station Blow-downs.

NEX™ can utilize on-site heat or steam to significantly reduce energy costs.

Advantages:

- ✓ High Energy Conservation
- ✓ Steam or Electric Powered
- ✓ Resistance to Scaling
- ✓ Treats RO Brines
- ✓ Low Operating Cost
- ✓ Produces Ultra-pure Water
- ✓ Zero Liquid Discharge

“NEX™ can eliminate your brine!”

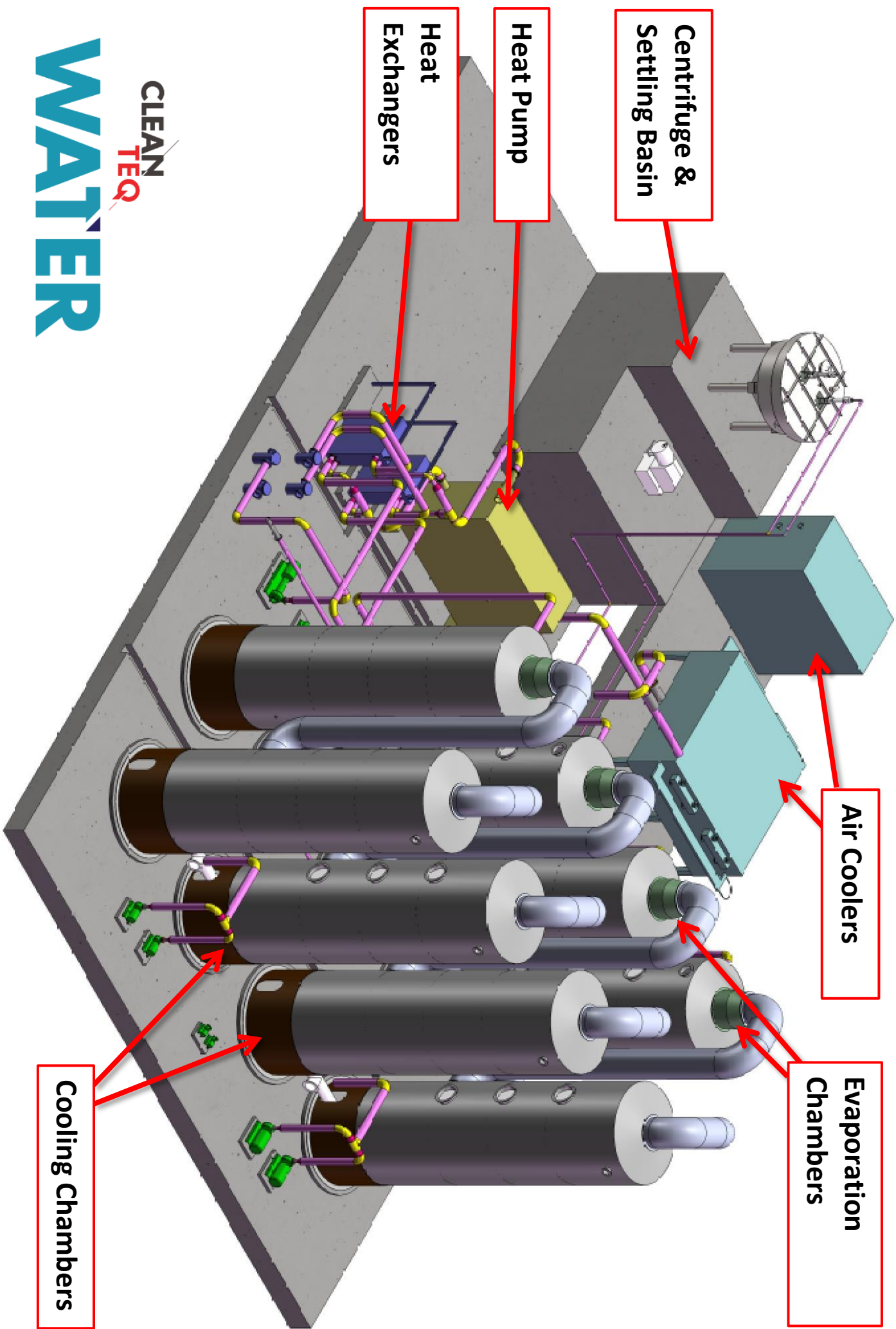
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