

APPLICATION

EDR

OVERVIEW

Electro Dialysis Reverser (EDR) process involves electric current migrating dissolved salt ions through an electro dialysis stack consisting of alternating layers of cationic and anionic ion exchange membranes. EDR process is similar to Electro-deionization (EDI) process, however, EDR can be run under high salinity rate concentrated condition.

FEATURES

- Minimizes damages to the membrane by eliminating high concentrated ion substances reversely
- Can be operated under similar condition of brackish RO and still achieve satisfactory outcome
- Recovery rate is great as amount of produced concentration is far less than that of RO process
- Removes silica
- Applicable for wastewater reuse

PROCESS

