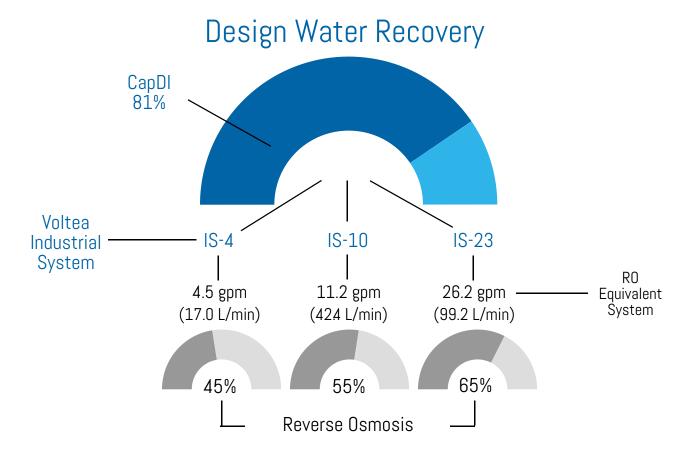


CapDI® VS TECHNICAL COMPARISON RO

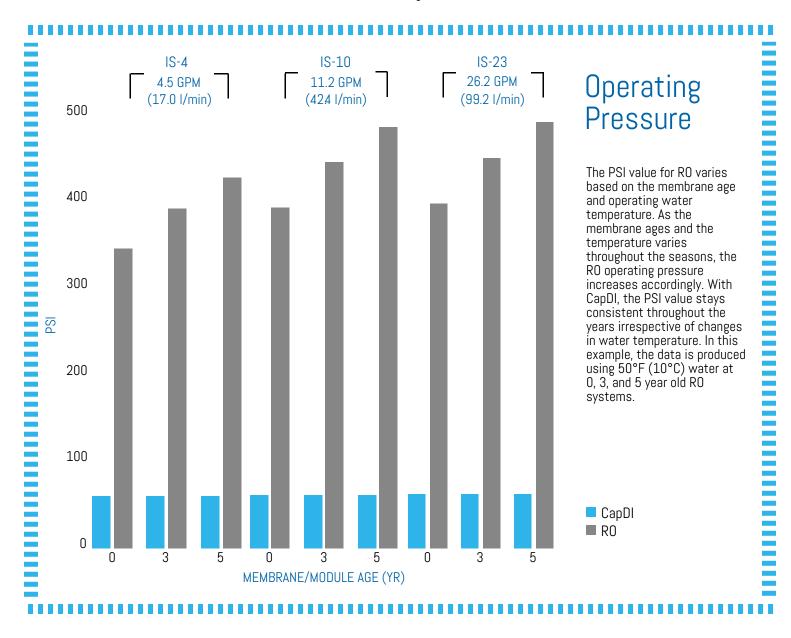
____ 2,000 ppm ____

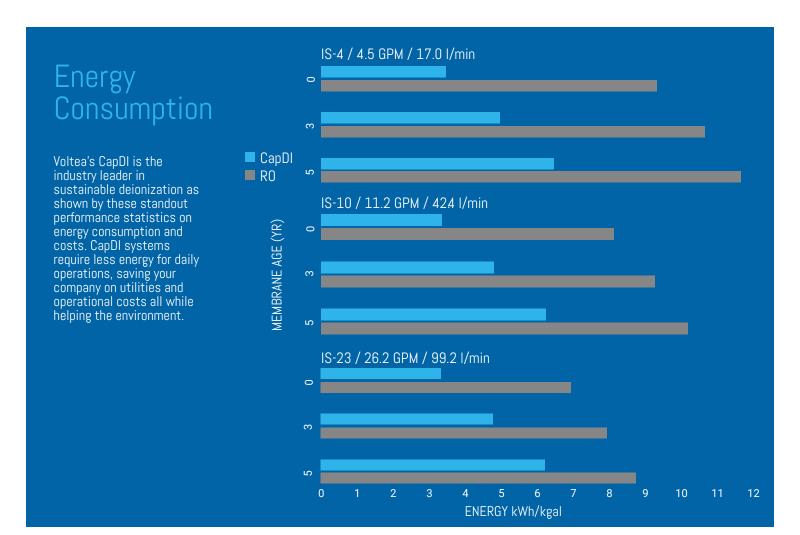
This document represents the technical comparison between Voltea's CapDI technology and conventional reverse osmosis (RO) based on product and sales figures. Data included reflects 2,000 ppm TDS and 50°F (10°C) feed water for the study of low water temperature effects. System sizing is based on Voltea's line of Industrial Series systems IS-4, IS-10, and IS-23, and their equivalent sized RO systems at a membrane age of 0, 3, and 5 years.



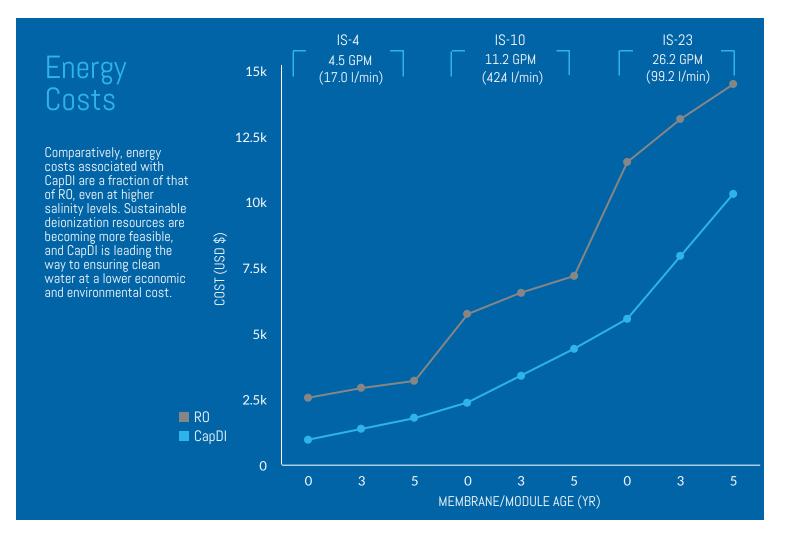


Design water recovery for CapDI remains consistent up to 81% over all system sizes, compared to RO which varies depending on system size and configuration.









Cost of Ownership

The cost of ownership for both CapDI and RO has been broken down into 4 categories; energy, waste water, module/membrane replacement, and CIP/maintenance costs. These figures represent the IS-4, IS-10, and IS-23 CapDI systems and their equivalently sized RO systems over 5 years of ownership.

