



DuPont

Value Proposition 1173

Product EDI

Industry: ultrapure water

Value Proposition: Superior to mixed bed IE with
lower TCO and no leakage

EDI Advantages Over Mixed Bed Ion Exchange

The advantages of the DuPont™ EDI module, especially used with two-pass [reverse osmosis \(RO\)](#), include:

- No leakage: The DuPont™ EDI module is reliably sealed with high-pressure top and bottom end caps, eliminating leakage problems commonly associated with plate and frame designs.
- Low maintenance: Unlike plate and frame EDI systems, DuPont™ EDI modules do not require tightening of nuts and bolts at installation or the retorquing of bolts on an ongoing basis to prevent leaks.
- Light-weight modules, modular, easy- access designs: The DuPont™ EDI modules result in very modular systems that allow easy access, and the light-weight modules are easy to work with; no special lifting devices are required. Each module comes complete with an individual dilute product water sample port.
- Cost effectiveness: The spiral wound DuPont™ EDI modules allow system integrators to build systems that have both lower capital and operating costs when compared to plate and frame EDI devices and are truly a cost-effective replacement for conventional mixed bed [ion exchange](#).