

Flowserve and Calder™ Join Forces

As worldwide demand for clean water continues to grow rapidly and energy costs are on the rise, municipalities and industries are looking for reliable, energy-efficient desalination solutions. With the addition of Calder Energy Recovery Devices' product line and application expertise to its arsenal, Flowserve is uniquely positioned to address and meet the growing needs of the global seawater reverse osmosis (SWRO) desalination market.

Complete, Integrated Solutions From a Single Source

By bringing together industry-leading pumps and valves, high-quality energy recovery devices, unmatched materials expertise and SWRO-specific application knowledge, the incorporation of Calder enables Flowserve to be a single-source provider of complete, integrated flow control solutions to SWRO plants around the world.

Flowserve offers SWRO plant owners and operators the following benefits:

- Worldwide sales and services network with offices in more than 55 countries
- Single point of contact and responsibility for all major equipment, including pumps, energy recovery devices, valves and mechanical seals
- Engineering and technical resources for application support and ongoing life cycle cost-reduction services
- Unparalleled experience in the design and operation of high-efficiency fluid motion and control systems



Leaders in Desalination Technology

Responsible for many advancements in water-handling technology, Flowserve and Calder have supplied corrosion-resistant, energy-efficient equipment and systems to the desalination industry for more than half a century. Boasting advanced material technologies, Flowserve and Calder have achieved proven success in desalination applications such as:

- Pumps
 - Source water intake
 - High-pressure membrane feed
 - High-pressure booster
 - Filter feed
 - Chemical dosing
 - Brine transfer
- Energy recovery devices
 - Pelton turbines
 - DWEER™ systems
- Valves
 - Plug
 - Butterfly
 - Ball



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