

Press Release | November 2014

## **New Danfoss pump, biggest yet, saves even more energy for mid-size SWRO plants**

**Danfoss High Pressure Pumps announces the launch of its largest positive displacement pump yet. Designed for mid-size SWRO plants, the energy-efficient pump delivers 78m<sup>3</sup>/hour, the highest flow rate of any axial piston pump for SWRO on the market. A single pump now delivers up to 1,800 m<sup>3</sup>/day. Installed in parallel trains, the new pump enables unprecedented energy savings in SWRO plants up to 30,000 m<sup>3</sup>/day or more.**

APP 78, the latest addition to the Danfoss range of APP pumps, is the largest high-pressure pump the company has ever developed. Using the same, well-known axial piston technology that enables its smaller pumps, Danfoss's new pump targets the growing market for mid-size SWRO plants.

At flow rates up to 1,800 m<sup>3</sup>/day, even higher-capacity SWRO plants can now get all the benefits of Danfoss's APP technology: unparalleled energy efficiency, compact design and low maintenance.

"Customers are building more mid-size plants, and they are more focused on energy efficiency than ever before," explains Jesper Bentzen, global sales director at Danfoss. "With the growing trend toward modularity for mid-size SWRO plants, we believe the new APP 78 will be an excellent choice for operators who want the advantages of APP pumps in higher output plants. It is particularly well suited for parallel trains for SWRO plants with capacity up to 30,000 m<sup>3</sup>/day or more."

The innovative APP 78 applies the same technology as the rest of the APP range to deliver unmatched output for such a compact construction. The new pump design is also available in a second version, APP 53, which has a flow rate of 53 m<sup>3</sup> / hour.

With the latest launches, Danfoss High Pressure Pumps now cover flow rates from 0.6 to 78 m<sup>3</sup> /hour. APP 78 and APP 53 will be available worldwide from Q1 2015.