



Press release

14 July 2015

Intelligent innovation in the age of sustainability

Veolia Water Technologies launches a new generation of Orion pharmaceutical water systems

Veolia Water Technologies has launched a new generation of the highly successful Orion skid mounted pharmaceutical purified water packages. Orion is fully compliant with FDA, cGMP and GAMP requirements and meets the water quality standards for USP and PhEur Purified Water and PhEur Highly Purified Water.

Orion produces compendial Purified Water through the tried and tested process of softening, reverse osmosis and final CEDI polishing and with the new range offering sustainability features to create an unrivalled water purification package. Microbial control is paramount in any purified water treatment system, and the new Orion retains the proven hot water sanitisation (HWS) system which covers the pretreatment softeners as well as the main treatment process.

Available in three models, the expanded range offers flow rates from 0.5 to 20 m³/h. The C-Series "Classic" Orion provides the core technology within the most economic package, whilst the mid-range E-Series includes, as standard, environmental features such as a concentrate recycle pump to conserve water during periods of no demand. At the top of the range, the S-Series, adds sustainability in the form of an integral recovery reverse osmosis unit, to minimise water and energy consumption, combined with long-term operating efficiencies.

In response to customer demand, the new Orion is equipped with an upgraded control system featuring a 15" TFT HMI with the options of Siemens or Allen Bradley PLCs, and a display of CO₂,

water and energy saved derived from sensors that use the latest Integrated Smart Module (ISM) systems.

Orion's skid has a new, cleaner look with the addition of plant status LEDs on each corner for easy operator monitoring. As with all Veolia pharmaceutical systems, Orion comes complete with a validation pack and an after sales preventive maintenance contract, which can be fully customised. All of this innovation makes the new Orion the first choice for Purified Water technology with built-in sustainability, reliability and economy.

As part of our enhanced service offering, Orion can now be linked to Vision, a private and secure web platform where you can gain instant access to all of your information related to your water treatment system, from service manuals and service reports to contract renewals and booking an engineer. To further support our customers, we have developed Vision air, working on the same platform as Vision, which gives you even more intelligent information and is a remote monitoring platform to access real time encrypted performance data including alarms and equipment status.

Visit www.veoliawatertechnologies.co.uk for more information.

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Veolia group is the global leader in optimized resource management. With over 179,000 employees* worldwide, the Group designs and provides water, waste and energy management solutions that contribute to the sustainable development of communities and industries. Through its three complementary business activities, Veolia helps to develop access to resources, preserve available resources, and to replenish them.

In 2014, the Veolia group supplied 96 million people with drinking water and 60 million people with wastewater service, produced 52 million megawatt hours of energy and converted 31 million metric tons of waste into new materials and energy. Veolia Environnement (*listed on Paris Euronext: VIE*) recorded consolidated revenue of €24.4 billion* in 2014. www.veolia.com

() 2014 pro-forma figures, including Dalkia International (100%) and excluding Dalkia France.*

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