

Press Release

Hydranautics – A Nitto Group Company announces the expansion of their premium UF Product Offering.

OCEANSIDE, Calif., December 2, 2013 - Hydranautics – A Nitto Group Company, the global leader in membrane innovations, announces the extension of their UF product range proposing two different technologies that can adapt to most municipal or industrial feed waters. This path leads the way to the introduction of the new products - the HYDRAcap60+ (62 m²), the HYDRAcap80+ (75 m²) and the HYDRAcap[®] MAX 80 – 105 m². These products are a result of Hydranautics continuous effort and commitment to research and development in the field of membrane technology.

Historically, Hydranautics has been proposing HYDRAcap[®] technology which has IN/OUT modules in PES and a tight pore size of 0.025 um for high bacteriological and virus removal rates. These modules have now evolved into a more compact form with the new HYDRAcap60+ (62 m²) and HYDRAcap80+ (75 m²) modules. The superior hydrophilicity of the fiber and high permeate quality enable to reach optimum performance for drinking water applications.

Hydranautics is also proposing since 2011 an OUT/IN module in PVDF with a pore size of 0.08 um. The product is available in four different sizes (9 m², 52 m², 78 m² and 105 m²) and offers the following features: high membrane area (up to 105 m²), novel cleaning regime with air scour and an extremely resistant fiber using TIPS manufacturing process. All these features are leading to substantial CAPEX and OPEX savings. The OUT/IN PVDF technology enables to treat most of industrial and municipal water sources with turbidities spiking up to 300 NTU. Last but not least, designing the entire UF plant has never been so easy using our web based HYDRAcap[®] MAX simulator.

With these latest developments and dedicated technical support, Hydranautics – A Nitto Group Company is pleased to offer optimized solutions for UF system requirements for customers worldwide. For more information, please visit us at www.membranes.com or drop us an email at info@hydranautics.com

About Hydranautics

Hydranautics is a part of the Nitto Group and one of the global leaders in the field of Integrated Membrane Solutions. Hydranautics offers complete membrane solutions like Reverse Osmosis, Nanofiltration, Ultrafiltration, and Microfiltration for Water, Wastewater and Process Treatment and applications. Hydranautics membrane based solutions are currently in use on seven continents throughout the world for diverse applications such as Seawater Desalination, Industrial High-Purity water, Surface Water Treatment, Wastewater Treatment, and Specialty Process applications. Our Global Membrane Division is headquartered in Oceanside, CA, USA and we have three state-of-the-art manufacturing sites located in Oceanside - USA, Shiga - Japan and Shanghai – China. For further information on Hydranautics, please visit our website www.membranes.com

About Nitto

Nitto is Japan's leading diversified materials manufacturer. Founded in 1918, Nitto's strength is the ability to add diverse functionality to sheets, films and other materials using core technologies such as polymer synthesis, adhesion and coating technologies. The group offers over 13,000 high value specialty products worldwide including optical films for liquid crystal displays, automotive materials, reverse osmosis

membranes for desalination and transdermal drug delivery patches. For further information on Nitto, please visit our website www.nitto.com

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