

**A 60 percent smaller footprint than conventional racks:
inge watertechnologies AG presents its new
“T-Rack vario” ultrafiltration module rack at IFAT
2010 (hall A1, stand 313)**

Projects aimed at modernizing water treatment facilities sometimes hit a dead end because there is not enough space to install an up-to-date ultrafiltration system. The German ultrafiltration specialists inge watertechnologies have come to the rescue with their new “T-Rack vario” solution, a rack system for UF modules that cuts space requirements by up to 60 percent compared to conventional rack solutions. Its modular design means the rack can be configured to match each customer's specific requirements. Each row can be operated as a separate filtration line, ensuring maximum flexibility in day-to-day operations.

Greifenberg, 30.06.2010 – Ultrafiltration systems are now used all over the world to treat many different types of water – including drinking water, waste water and industrial process water – and are increasingly also being employed as a means of pretreating seawater for reverse osmosis. With such a broad variety of potential applications, ultrafiltration systems must have the ability to adapt to myriad different requirements, especially with regard to their configuration and footprint. While sea water treatment plants are often built in desert regions where there is normally plenty of space for the facility, conventional drinking water treatment plants designed to recycle water for industrial use are frequently confined to much smaller spaces. Typically, these plants are only willing to modernise their facilities on condition that no major building work or structural alterations are required. The footprint of the rack system is therefore a major criteria in this decision-making process.

The “T-Rack” system from inge watertechnologies AG is already regarded as a hydrodynamic solution that makes optimum use of the available space when installing UF modules, but the developers have now made some key changes that have made the system even better.

The feed and drain pipes are integrated in the end caps of the headers, the filtrate connections are welded to the module bodies and headers, there are no O-rings and all the flanges of the header pipes are mounted in the same plane.

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The modules can be arranged in either two or four rows and each row can be operated as a separate filtration line.

This concept offers unparalleled flexibility and helps keep investment and operating costs to a minimum.

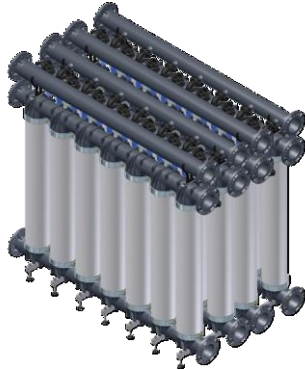


Photo:
*A superbly compact form of modern UF technology:
 The new "T-Rack vario" from inge wassertechnologies AG*

About inge wassertechnologies AG

The company inge wassertechnologies AG www.inge.ag, based in the town of Greifenberg near Munich in Bavaria, Germany, employs more than 80 staff and is the world's leading provider of ultrafiltration technology, a membrane process used to treat drinking water, process water, wastewater and sea water.

With a global reach enhanced by its network of partners, the company has completed numerous reference products around the globe featuring its cutting-edge technology. Its range of products include highly-efficient ultrafiltration modules and cost-effective, space-saving rack designs as the core components of water treatment plants, rounded off by the superb technical support it provides to its customers.

All the company's products are based on the in-house development of its patented Multibore® membrane technology, providing the top-quality standards for which German-made goods are famous. The extremely small-pore filters of the Multibore® membrane reliably intercept not only particles, but also microorganisms such as bacteria and viruses, thereby providing a dependable source of clean water. Deployment of the inge technology also offers significant advantages over conventional water treatment methods, such as rapid and easy module installation and stable, highly resilient membranes. This makes planning a water treatment facility much simpler, enabling customers to achieve low-cost installation and operation. And all this comes with a guarantee of long-lasting reliability.

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