

# Press release

## Alfa Laval showcases PureBallast 3 Ultra reactor for the first time at Marintec

**Alfa Laval unveils the PureBallast 3 Ultra reactor for ballast water management for the first time at Marintec 2025 in China. The system is already in production, with initial deliveries well underway from the company's factory in China and has gained strong interest from the market. This growing demand, together with the recent milestone of surpassing 10,000 PureBallast systems ordered globally, underscores Alfa Laval's enduring commitment and leadership in ballast water management from the very beginning and well into the future.**

Stockholm, Sweden, 4/12/2025

### **Innovation driven by customer needs**

The public unveiling of PureBallast 3 Ultra at Marintec, introduces the maritime industry to the compact, innovative core of the next-generation system designed to make ballast water management

simpler and easier to achieve. The system reflects years of experience and customer insights, evolving from the thousands of PureBallast installations delivered since the technology was first introduced in partnership with Wallenius Water over two decades ago.

With production at Alfa Laval's factory in Qingdao, China, the regional presence ensures shorter lead times and smoother coordination with shipyards in China and across the Asia-Pacific region. Deliveries started in August 2025, and with a growing orderbook, PureBallast 3 Ultra is rapidly gaining traction in the market.

"We are pleased to present the PureBallast 3 Ultra reactor for the first time here at Marintec. Its development is the result of targeted R&D and close dialogue with our customers. We are here to stay and believe this solution is exactly what the market needs, both in terms of environmental technology and in terms of serviceability to ensure BWMS compliance," says **Anna Wieslander**, Head of Alfa Laval PureBallast. "By investing in this new technology and strengthening our footprint in Qingdao, we are ensuring that our customers have the support, proximity and performance they need for maximum performance and achievable compliance."

#### **A compact and flexible system designed for efficient installation**

PureBallast 3 Ultra introduces several design improvements that directly support shipyards' requirements for faster, more efficient installation. The system's ultra-compact design significantly reduces the footprint and provides greater flexibility for placement on board. Its optimized system integration and minimized piping requirements streamline the installation process, lowering overall complexity and total installed cost.

The system also features an integrated Cleaning-In-Place (CIP) function that reduces both maintenance needs and operational downtime. All PureBallast 3 Ultra systems are connectivity-ready, enabling remote monitoring and more optimized service support throughout the vessel's lifetime. While shipyards benefit from a system engineered for efficient installation, shipowners benefit from dependable compliance and easier operation.

#### **Two decades of experience shaping a future-ready solution**

In recent years, the ballast water management market has seen limited technical innovation, even as shipyards and shipowners continue to require systems that simplify design, installation, and operation while meeting regulations. Recognizing this need, Alfa Laval made a strategic decision to invest in a next-generation system that delivers meaningful improvements for both shipbuilders and vessel operators.

While other players may be shifting focus, Alfa Laval is leveraging nearly two decades of proven experience to support vessel operators throughout the entire lifecycle of their assets. This expertise has been essential to shaping a system design that is both compact and robust, delivering high treatment performance across all water conditions while supporting ship operators in maintaining manageable energy consumption.

Find more information about Alfa Laval PureBallast 3: [PureBallast 3 | Alfa Laval](#)

Explore Alfa Laval's full range of marine solutions and technologies at: [Marine | Alfa Laval](#)

**This is Alfa Laval**

The ability to make the most of what we have is more important than ever. Together with our customers, we're innovating the industries that society depends on and creating lasting positive impact. We're set on helping billions of people to get the energy, food, and clean water they need. And, at the same time, we're decarbonizing the marine fleet that's the backbone of global trade.

We pioneer technologies and solutions that free our customers to unlock the true potential of resources. As our customers' businesses grow stronger, the goal of a truly sustainable world edges closer. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets. Together, we're pioneering positive impact.

Alfa Laval was founded 140 years ago, has customers in 100 countries, employs more than 22,300 people, and annual sales were SEK 66.9 billion (5.8 BEUR) in 2024. The company is listed on Nasdaq Stockholm.

[www.alfalaval.com](http://www.alfalaval.com)

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