

Press Release: Evac Optima 7 wins two Red Dot Awards for Product Design and Sustainability Design

ESPOO, Finland - June 24, 2025 - Evac Group is proud to announce that its newest generation vacuum toilet, Evac Optima 7, has been awarded **two prestigious Red Dot Awards** - one for **Product Design** and one for **Sustainability Design**. These accolades celebrate Evac's leadership in creating innovative, sustainable sanitation solutions for the maritime industry.

Developed in collaboration with the renowned design agency Pentagon Design, the Evac Optima 7 sets a new benchmark for comfort, aesthetics, and eco-efficiency. It features a soft-close mechanism and hidden fixings for a sleek, seamless aesthetic, and operates at just 72 dB - quieter than many traditional models. Its rimless, antimicrobial design eliminates 99.99% of surface bacteria. Evac Optima 7 represents the next evolution in onboard sanitation - uniting modern engineering with timeless Nordic design.

Optima 7 is designed to meet the needs of cruise ships, and is equally well-suited for other passenger vessels, ferries, and yachts, offering the performance, reliability, and sustainability that maritime operators require.

Jari-Petri Voutilainen, Senior Designer at Pentagon Design said, *"When we began this project, the goal was simple: to blend cutting-edge vacuum technology with timeless Nordic design. Winning two Red Dot Awards confirms our belief that great design should not only elevate user experience but also contribute to a more sustainable world."*

For Evac, the product reflects decades of expertise, with over 1 million vacuum toilets delivered since 1979. Optima 7 was engineered to meet the rising demands for water-saving, easy-to-maintain, and hygienic solutions - using only **1.2 liters of freshwater per flush**.

Robin Mérus, Strategic Account Director at Evac Group said, *"We knew from the start we were not launching just another vacuum toilet. We were introducing a flagship - one that delivers quiet comfort, antimicrobial protection, effortless installation, and a modern aesthetic. It's everything our customers value, built into one seamless experience."*

The design process was as rigorous as it was collaborative. The engineering team at Evac worked across disciplines to ensure performance was never compromised by design - and vice versa.

Lauri Aalto, Product Line Manager at Evac Group commented, *"With Evac Optima 7, we've reached a new milestone. It took countless tests and prototypes to achieve rimless flushing at such low water consumption while simplifying installation and maintenance. These awards are not only a recognition of what we've accomplished - they're fuel for us to keep pushing boundaries."*

Evac Optima 7 is coming soon to cruise ships setting sail in 2027 and 2028.

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