



High-End Modular Noise Reduction Enclosures in Luxury Yachts

Enjoy the serenity of the sea



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Reduce the sound of marine machinery

Sound reduction enclosures

The quest for comfort and tranquillity is paramount in the luxury yacht sector. Recognising this, FAWIC, known for its innovative custom-made transport solutions, has partnered with Van Cappellen Sound Solutions, experts in noise and vibration control. Together, we produce specialized high-end noise reduction sound enclosures; the enCAPsure.

The enCAPsure is designed to significantly mitigate engine noise, enhancing comfort on board of luxury sailing and motor yachts.



Key Features of FAWIC's Noise-Reducing enclosure:



Custom-Made Design: Each enclosure is custom made for the generator/engine involved and the available engine room spacing.

Modular Construction: The enCAPsure sound enclosure ensures quick build up and access for maintenance and inspection. For an all-around machinery accessibility the enclosure can be easily and fully dismantled without any tools.

Advanced Noise Reduction Technology: Due to the Fawic unique closure system and specific sound insulation and damping materials the enclosure ensures a significant noise reduction.

Compliance with Noise Regulations



Both FAWIC and Van Cappellen Sound Solutions are dedicated to enhance your the yachting experience and to ensure compliance with international standards and regulations concerning noise pollution.

Our collaborative approach means that our noise reduction solutions are crafted with regulatory compliance at the forefront, meeting stringent environmental standards and addressing the growing focus on health and environmental impacts in the maritime sector.



Why Choose FAWIC and Van Cappellen Sound Solutions?

Opting for EnCAPsure means selecting partners who offer deep technical expertise, a commitment to quality, and custom-made solutions.

Catering to the high-value needs of the maritime industry, where precision, aesthetics, and functionality are crucial, our focus on sustainable and compliant engineering practices ensures we remain leaders in developing specialised noise reduction solutions that exceed expectations.



Made to measure

Enhance the serenity and luxury of your maritime journey with FAWIC's and Van Cappellen Sound Solutions' custom-made noise reduction enclosures.

Experience the quietness on the open sea, underscored by the assurance of compliance and quality. For more information or to discuss your specific needs, contact our team of experts, ready to assist you in mastering the complexities of noise reduction solutions tailored for the luxury maritime sector. The enCAPsure is available in any colour.



"Courtesy of Southern Wind"

Custom design

No machine or engine is the same, so we strive beyond the air-borne noise reduction of standard sound enclosures and incorporate any specific requirements from our customers.

Being weight or size reduction, an ultra-silent enclosure by using the latest technologies or fully non-combustible constructions



Unique closure system

One key feature of the enclosure are the unique patented FB20 and FB45 closure systems which ensure tight closure along the perimeter of the panels.



Sound insulation material

The enCAPsure is fitted with purposely selected sound absorption materials, offering excellent sound absorption characteristics and increase overall noise reduction whilst meeting the test criteria of some of the highest fire resistance testing standards, including EN 13501-1-B-s1,d0.

Performance

The 22mm standard enCAPsure panels, rigorously tested in our in-house laboratory, serve as a solid foundation. However, we understand that your acoustic requirements may be unique. That's why we offer the flexibility to design panels that precisely meet your needs. For special and rough environment requirements, an all metal 45 mm panel is available, complete with full metal frames and a closing mechanism.



"Courtesy of Southern Wind"

Sailing never got better

Silence and tranquility are highly valued on sailing yachts, which is why our enCAPsure enclosure is frequently utilized on such vessels.

The enCAPsure enclosure's popularity is influenced by its compact and lightweight design, which sets it apart from traditional manufacturer-specific enclosures.



Enhancing serenity at sea on every yacht



Enhance your serenity at sea

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For more information or to discuss your specific needs, contact our team of experts, ready to assist you in mastering the complexities of noise reduction solutions tailored for the luxury maritime sector or any other acoustic challenge.



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