



UniSAB 4

Next-generation controls for marine and naval operations



In marine and naval environments, **downtime is not an option**

Cooling, refrigeration and HVAC systems are mission-critical to crew safety and vessel performance. Built on over 125 years of refrigeration expertise, the Sabroe® UniSAB 4 control platform delivers reliability, control and energy efficiency – at sea or in port.

In this brochure, we'll explore what UniSAB 4 adds to your marine fleet.



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Engineered for all marine environments

UniSAB 4 is a powerful hardware platform with a modern digital interface designed for:

- Continuous operation in harsh marine conditions
- Faster response and control for critical onboard systems
- Clear, intuitive visibility of system performance

It enhances operational certainty, lowers risk and improves energy efficiency across your vessel's lifecycle.



UniSAB 4 supports:



Commercial shipping



Cruise vessels



Offshore platforms



Naval fleets



Refrigeration and HVAC systems onboard

Retrofit or newbuild? It doesn't matter

UniSAB 4 is designed to deliver, whatever the context of your project.

For retrofit fleets:

- The same footprint and cable configuration as UniSAB III
- It's a plug-and-play upgrade, minimizing downtime during replacement
- Seamless integration with existing control systems

For newbuild vessels:

- The same footprint and cable configuration as UniSAB III
- It's a plug-and-play upgrade, minimizing downtime during replacement
- Seamless integration with existing control systems

What's new in UniSAB 4?

It's a new chapter in marine cooling

Earlier control platforms such as UniSAB II are now reaching the end of their lifecycle, with limited support and no further development. Upgrading to UniSAB 4 ensures continued reliability, serviceability and alignment with modern marine system requirements.

A host of new features

The UniSAB 4 is the next generation of the widely installed UniSAB III, with new features taking the platform to the next level.

The software architecture has been fully redesigned to improve performance and connectivity. Meanwhile, complex onboard system integrations are now much simpler due to the expanded input and output capabilities.

Overall, UniSAB 4 has been optimized to:

- Deliver greater control
- Enhance visibility
- Reduce operational risk
- Improve energy performance



Prepared for digital services and remote monitoring

UniSAB 4 is fully integrated with Johnson Controls OpenBlue technology.

This enables:

Secure remote connectivity from ship to shore



Performance monitoring across assets and fleets



Data-driven maintenance and operational decisions



Move from reactive service to planned, predictive operations



What makes UniSAB 4 stand out?

Nine features that make this the 'go-to' for marine and navy environments



Reliable control platform:
Supports continuous vessel operations.



More inputs and outputs:
For flexible system integration.



10.1" color touchscreen:
Delivers intuitive navigation.



Responsive interface:
For improved onboard usability.



Secure connectivity:
Supports remote diagnostics.





Industrial communication protocols:
Optimized for marine systems.



Configurable Multisab++ sequencing:
For optimized system performance.



Fully integrated with digital services:
Works seamlessly with OpenBlue.



Adaptability: Available for both
retrofit and newbuild applications.



Sail into the future of marine operations

To learn more about integrating
UniSAB 4 into your new or existing
fleet, speak to our Marine Service
team who are ready to help.

To get in touch with us, visit:

johnsoncontrols.com/industries/marine-and-navy

Or email us:

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About Johnson Controls

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For more than 140 years, Johnson Controls has delivered performance where it really matters. Backed by advanced technology, lifecycle services and an industry-leading field organization, we elevate customer performance, turn goals into real-world results and help move society forward.