



Compliance made simple

Alfa Laval PureBallast 3 Yacht Edition



The smooth path to valued assurance

Superyacht owners must comply with ballast water treatment regulations, but the last thing they want is to think about them. With Alfa Laval PureBallast 3 Yacht Edition, leading performance fits neatly into a yacht's design – and seamlessly into the owner's lifestyle.

An elegant fit for limited space

PureBallast 3 Yacht Edition shrinks proven performance in ballast water treatment into a size ideal for a superyacht. Delivered as a plug-and-play module with a pristine, high-gloss white yacht finish, it slips easily into any engine room layout. The minimal footprint, compact design and high build quality – which includes high-grade SMO pipes – offer a perfect match between form and function.

Set apart by ease of use

While the system is designed to blend in, its ease of use stands out. Thanks to chemical-free UV technology and full automation, PureBallast 3 Yacht Edition demands little from yacht crews. Every aspect is safe, simple and easy to understand, from the daily operations to the minimal amount of maintenance required.



Peace of mind is priceless

Of course, owning a superyacht is all about freedom. PureBallast 3 Yacht Edition lets owners sail at their leisure, confident of complying in the widest range of waters worldwide.

Type approved by IMO and the U.S. Coast Guard, PureBallast 3 Yacht Edition excels at any water salinity and in any water temperature. Likewise, it handles UV transmittance (UVT) values as low as 42%, providing access to challenging ports with low water clarity.

For owners, it's value that can hardly be bought: the world at their fingertips.

Service beyond the expected

Wherever they choose to sail, yacht owners can trust Alfa Laval to be there. Our 100 years of experience, global service network and 24/7 support are always on their side.

With our delivery capabilities, strong project management and retrofit insights, you'll find that we're also on yours.

Simplicity at a glance



- Minimal system footprint
- Easy installation as a plug-and-play skid
- Superior performance in all water salinities: fresh, brackish, marine
- Excellent performance in low-clarity waters
- Effective power management

PureBallast 3 Yacht Edition

Technical data

Specification	
Capacity	Up to 85 m ³ /h
Power supply	400–440 VAC, 50/60 Hz
Power consumption	Optimal 11 kW (20 kW at full ramp-up*)
Working pressure	Max 6 bar (up to 10 bar optional)

* Power consumption can be increased to handle low-clarity water with low UV transmittance.

Dimensions

Component	Size (mm) (W x D x H)	Net/dry weight (kg)
Skid	1312 x 680 x 1745	650/740
Electrical cabinet	954 x 520 x 1466	160

Colour and materials

Component	
Skid and piping (primary colour)	RAL 9003 or 9010, high-gloss yacht finish
Reactor, filter and plastic components	Unpainted (filter painted on request)
Piping material	SMO
Winch material	Stainless steel

Options

- Backflush pump (painted)
- Drip tray (stainless steel, screw-in)

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100004434-1-EN

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