

TECHNOHULL
SEABORN PERFORMANCE



EXPLORER 40
The Ultimate Day Boat

EXPLORER 40

The Ultimate Day Boat

A day boat that combines thrilling rides and unparalleled comfort

A multifunctional day boat that combines high performance and outstanding seakeeping capabilities, with a spacious deck, ample lounging areas and a comfortable cabin with headroom. Aiming at offering a fulfilling experience in all aspects, the Explorer 40 is poised to perform in every way, satisfying to the maximum both the driver and the guest as well.

And all these, in 40 feet that stay, in every inch, true to TECHNOHULL's high performance heritage and distinctive design. No wonder why we think of the Explorer 40 as the ultimate day boat.



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DESIGN

Extra space is what lies at the design core of the Explorer 40. And even though it seems hard to imagine, her well balanced design still manages to follow TECHNOHULL's trademark design lines and maintain the sharp and dynamic shape of a genuine top performance boat.

- ≈ Well balanced design
- ≈ Weatherproof helm station
- ≈ Full walk around deck
 - ≈ Easy access cabin
- ≈ Spacious lounging areas



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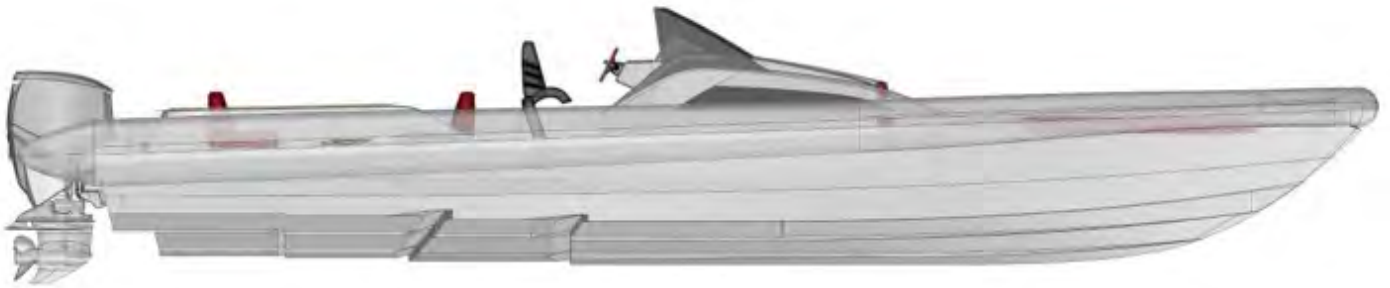


The Explorer 40, offering a range of 250+ NM, proves to be a high performer in a wide array of experiences, allowing you to enjoy the sea from a spot-on perspective. Whether you are after a relaxed ride with friends or looking to live the thrill of cruising at speeds over 80 knots, the ultimate day boat is poised to perform and offer you a fulfilling driving experience.

All that, thanks to its well-balanced, state of the art hull, that has been designed in white paper precisely for that reason by TECHNOHULL's high expertise naval architects' team using the Dynastream hull design technology.

THE HULL

Bringing together the best of two worlds:
An absolute combination of
the sporty and the cruising world.

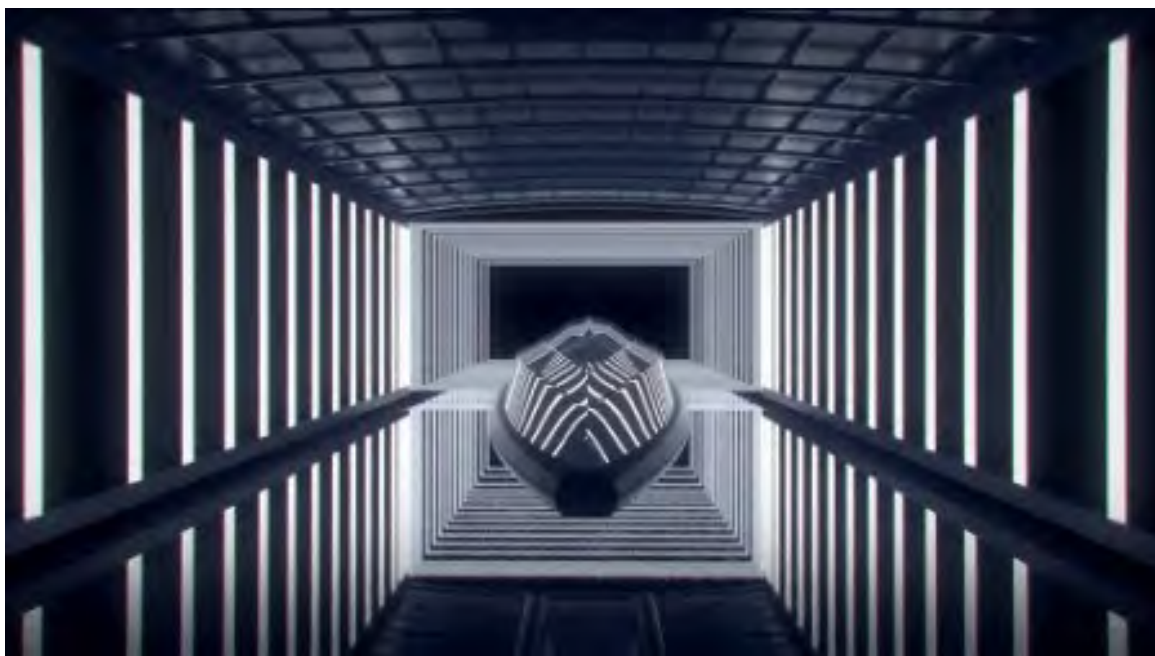


- ≈ **DYNASTREAM Hull design**
- ≈ **Extremely balanced hull**
- ≈ **True offshore Super Deep V**
- ≈ **Super ventilated triple step design**
- ≈ **Low planning speed**
- ≈ **Reduced mitigation forces**

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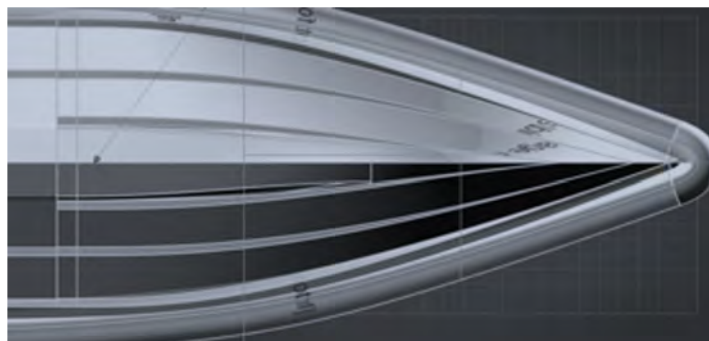
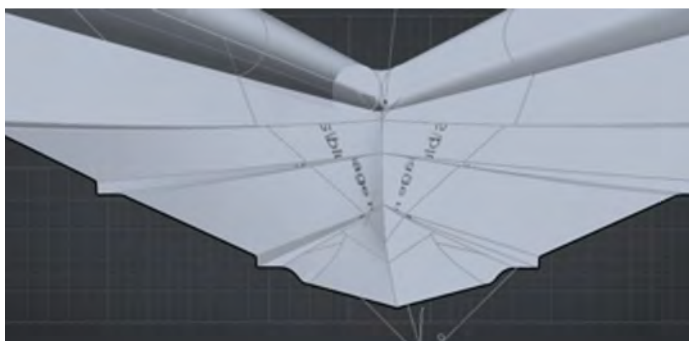
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DYNASTREAM HULL TECHNOLOGY

Every TECHNOHULL is designed from scratch, based on a custom designed hull to best fit its own specific characteristics and operational profile, a competence shared among very few boat manufacturers in the market. The result is the optimum balance for each model between high performance and user friendliness.

Dynastream hull design technology, which has been developed after extensive research by TECHNOHULL's high expertise team of naval architects, is based on state-of-the-art computer programs and hull structure algorithms, that after evaluating the working envelope of each model, confirm the key hull design aspects. The process continues by matching these key hull design aspects with even more detailed model requirements. Using both analytical formulas and testing from full size and scaled-down models, various hull versions derive. A vast database is constantly populated with results to optimize the design and after several design loops, the hydrodynamic profile is streamlined and strake geometry, step number, step positioning, and the variable dead-rise distribution along the hull's surface are set.



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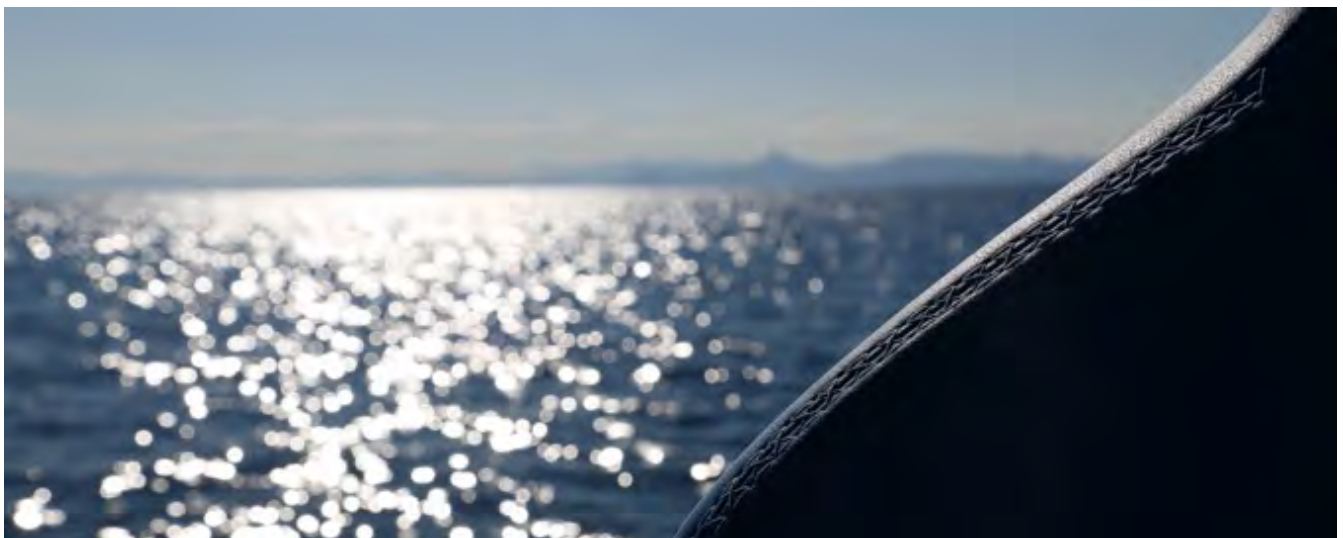
The Ultimate Day Boat

COMFORT



Designed to offer
a fulfilling experience in all aspects.

- ≈ Fully equipped helm station that enhances the driving experience
- ≈ Ample lounging areas that make every moment on board count.
- ≈ Spacious cabin that takes day boating to the next level.





COMFORT

THE HELM STATION

- ≈ Elegant hardtop design with full glass, wipers and side protection.
- ≈ Two or triple helm station arrangement
- ≈ Shock absorbing bucket seats
- ≈ Top class multi display screens
- ≈ Premium Quality steering wheel
- ≈ Ergonomic twin level footrest



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COMFORT



- ≈ State of the art Digital Switching and Automation
- ≈ In house developed power management software and screen graphics design
- ≈ Digital Control of almost every vessel function through touch screen displays
- ≈ 12" multifunctional display

DIGITAL MANAGEMENT SYSTEM



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COMFORT



LOUNGING on board

Two distinctive lounging areas to accommodate up to 12 people.

- ≈ Arrangement with forward facing oversized U-shaped sofa, easily convertible to a large sunbed.
- ≈ Alternative deck lay outs with a choice between a large or small sunbed.
- ≈ Delta shape large bow sunbed and console couch.

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COMFORT



- ≈ Ultra-deep safe, fully walk around deck design
- ≈ Teak covered deck, bulkheads and table.
- ≈ LED lights all around and hardtop down lights
- ≈ Stainless steel retractable cleats
- ≈ Helm back-to-back with fridge and sink
- ≈ Weathertight storage area under front sunbed and aft bench
- ≈ Fresh water shower
- ≈ Comfortable swim ladder

DECK FEATURES & AMENITIES

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COMFORT

A private spot,
offering all comforts, while on board

- ≈ Easy access through convenient cockpit sliding door
- ≈ Top quality interior finishing.
- ≈ Oversized double bed with high quality latex mattress
- ≈ Comfortable couch
- ≈ Toilet with freshwater washbasin and shower
- ≈ Plentiful natural light
- ≈ Low level courtesy lights and wraparound warm white led strips
- ≈ Front ventilating hatch
- ≈ Ample storage space under bed and sofa

THE CABIN



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General Characteristics

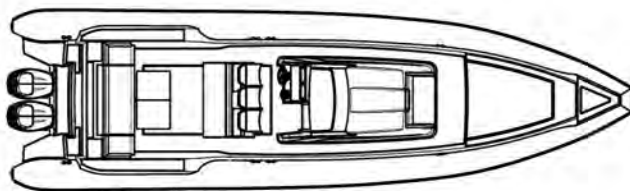
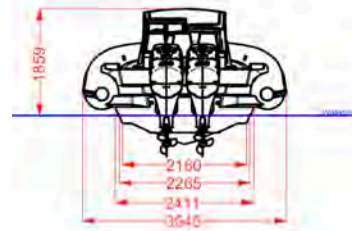
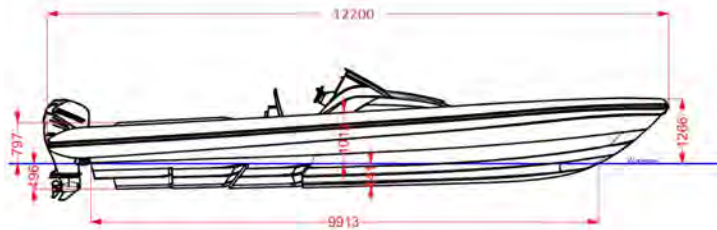
Length Overall	12,2m
Beam	3,50m
Deep V Hull	Ventilated Steps
Hull Draft	50cm
Light Ship Weight	Approx. 4.900kg
Fuel Capacity	800lt
Water Capacity	130lt
Berths	2-4
Max Engines	2x600hp
Engine Options	Outboard/Inboard
Number Of Passengers	12
Design Category	B-Offshore

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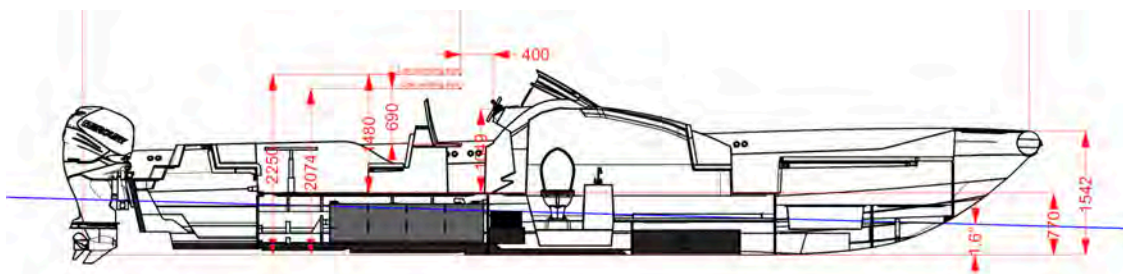
The Ultimate Day Boat

TECHNICAL SPECIFICATIONS

BASIC BOAT DIMENSIONS



Principal dimensions



Vertical vision from helm

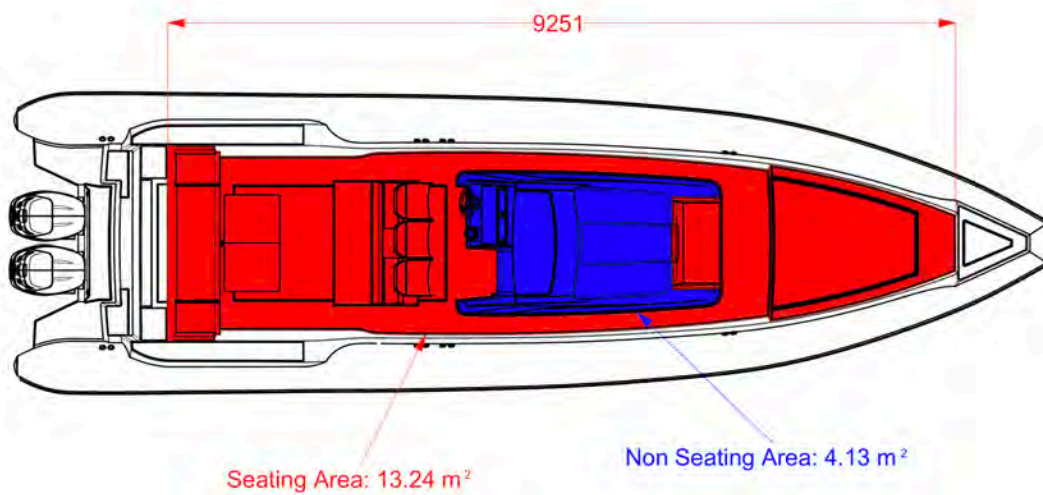
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BASIC BOAT DIMENSIONS



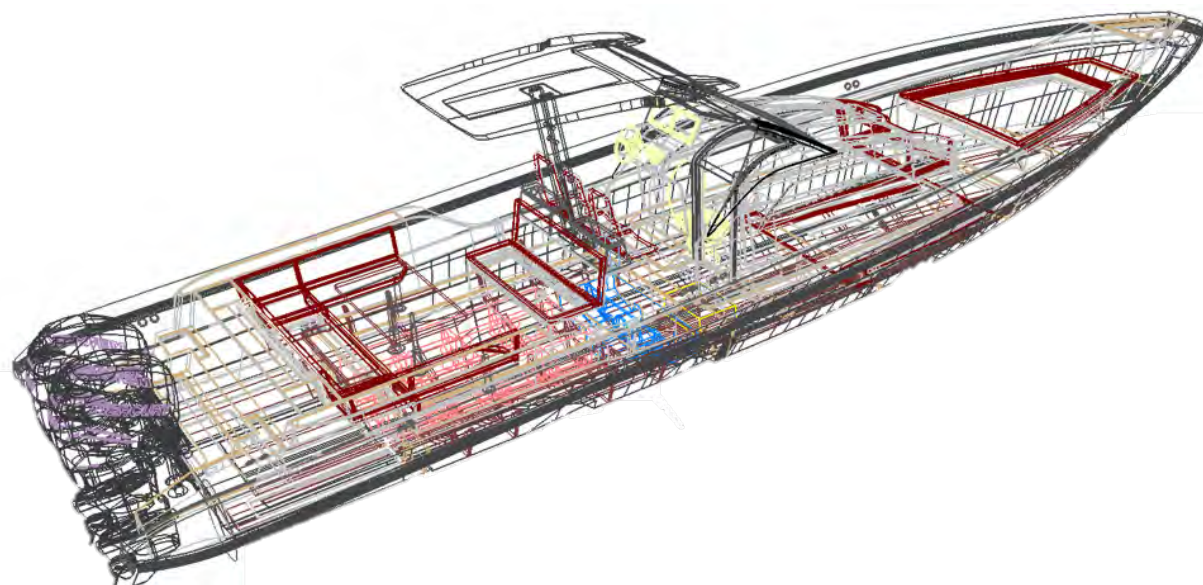
Deck operational area



BOAT ENGINEERING

Sophisticated, state of the art engineering

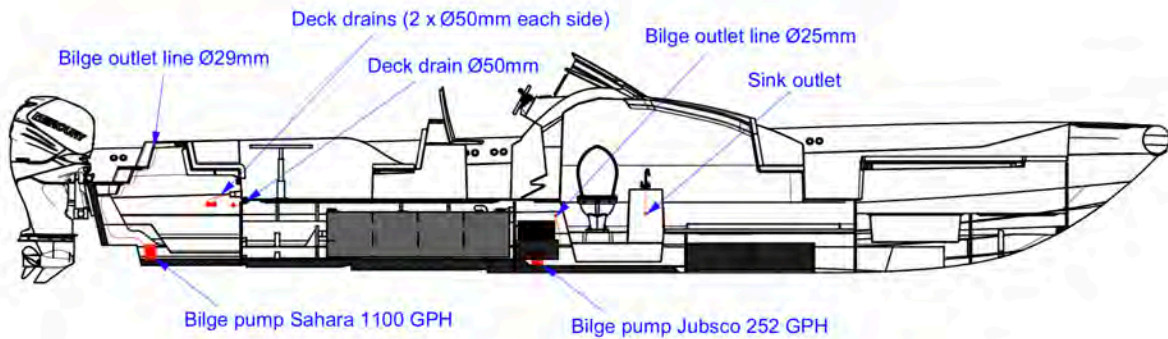
- ≈ EMPIRBUS digital power distribution center
- ≈ Manual bypass switches for critical systems
- ≈ Split DC electrical system designed to protect the start battery pack and provide multiple power feeds for critical systems such as navigation
- ≈ Standalone engine starting and power steering circuits
- ≈ Automatic main battery power switches with automatic paralleling function
- ≈ House battery system designed to maximize powering of house loads (4 marine batteries)
- ≈ Bilge pumps drain sumps, refrigerators, lighting and all automation features controlled directly through the central digital distribution center, all fed directly from the house battery bank with reset only circuit breakers so that these critical circuits can't be accidentally turned off
- ≈ Self-bailing deck through large scuppers



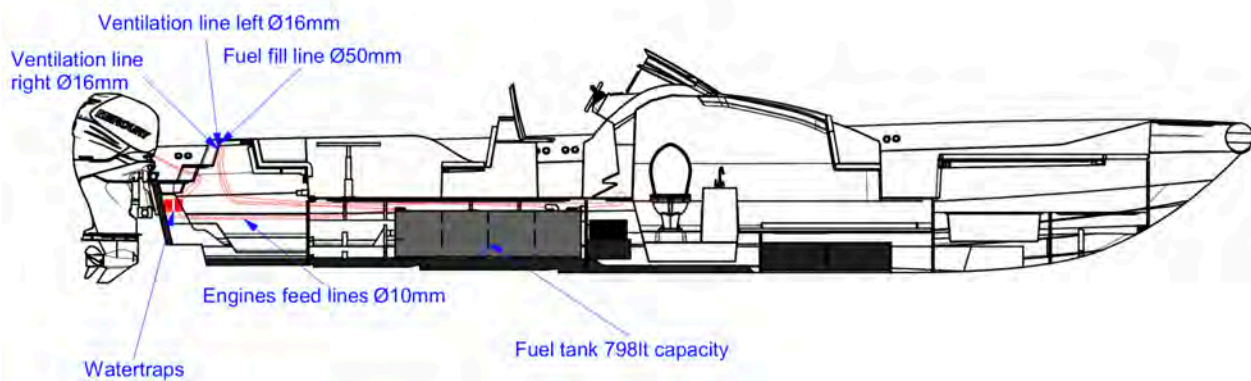
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BOAT SYSTEMS



Bilge system

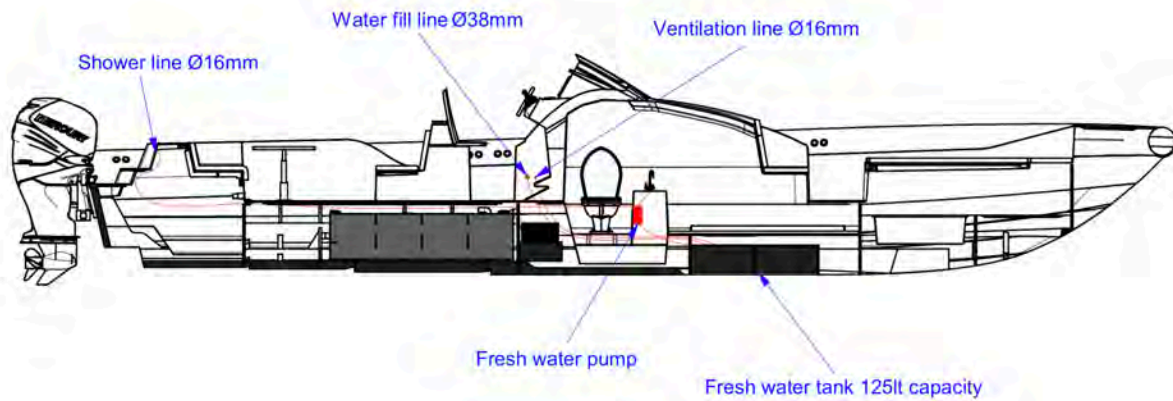


Fuel system

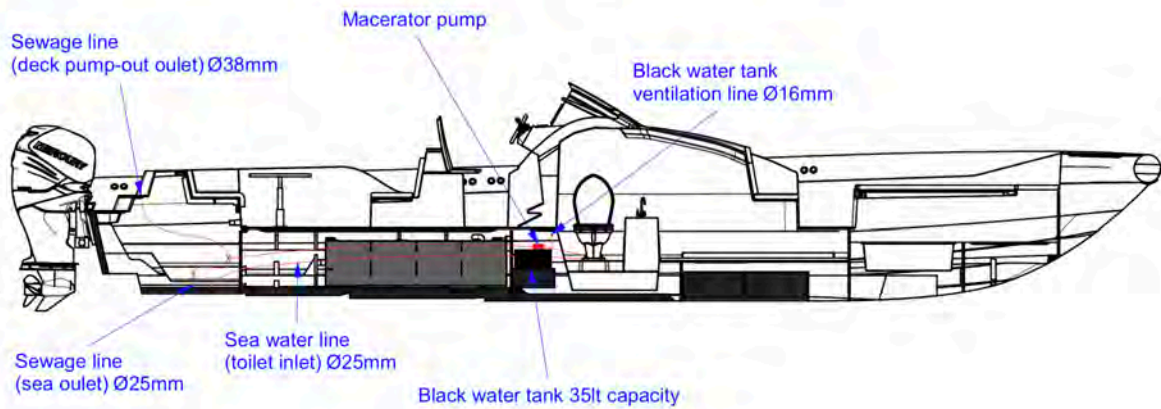
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BOAT SYSTEMS



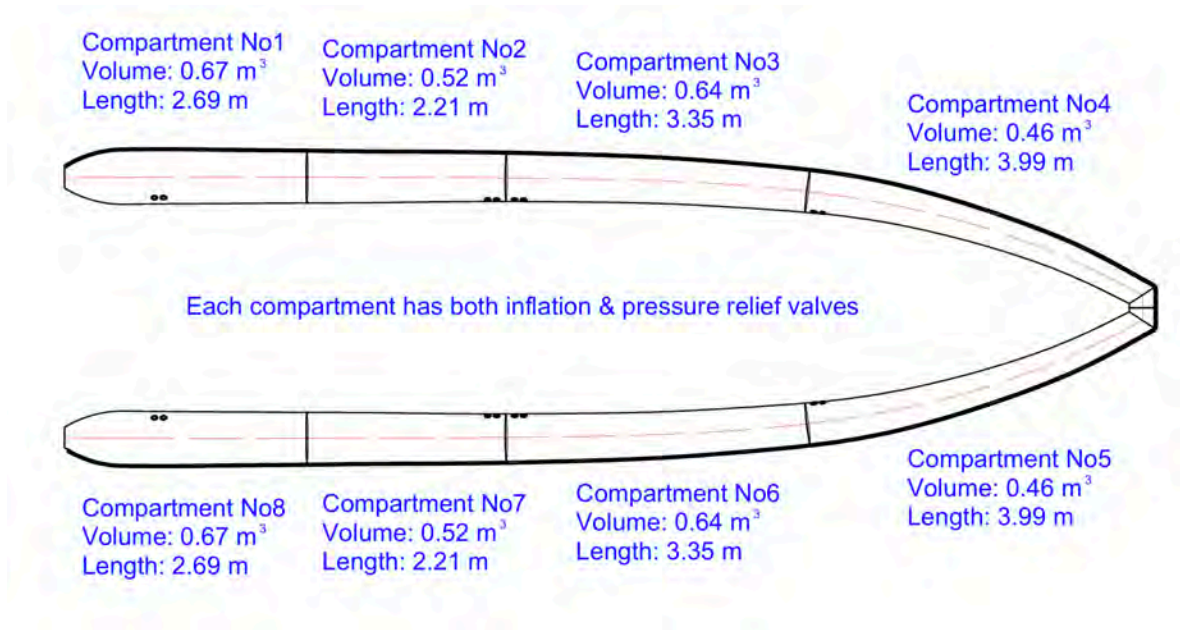
Fresh water system



Black water system

TUBE COMPARTMENTIZATION

The Explorer 40 features 7 separate chamber ORCA dtex 1670 Hypalon, with overpressure release valves.





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