



Technical specification

LAGOON

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Technical datas

Length overall LOA	11.736 m / 38'6"
Beam overall	6.763 m / 22'2"
Mast clearance	18.422 m / 60'5"
Draft	1.35 m / 4'5"
Displacement (EEC)	10,885 t / 24001 Lbs
Upwind sail area	81,3m ² / 875 sq.ft.
Full batten mainsail	<i>under development</i>
Square top mainsail (option)	47,5 m ² / 511 sq.ft.
Self-tacking jib	33,8 m ² / 364 sq.ft.
Code 0 (option)	65,6 m ² / 706 sq.ft.
Fresh water capacity	300 l / 79 US gal (+300l / 79 Us gal in option)
Fuel capacity	2 x 200 l / 2 x 53 US gal
Engines	2 x 29 hp à 2 x 45 hp CR
Architects & Exterior Design	VPLP Design – Patrick Le Quément
Interior Design	Nauta Design
Nb of berths	4 to 12
EC Certification	A : 10 ; B : 12 ; C : 16 ; D : 20

Construction

- Polyester and high quality anti-osmotic resin
- Hull and deck laminated by infusion
- Balsa core hull, white gel coat
- Balsa core bridge deck and deck
- Laminated marine plywood bulkheads

Sails and riggings

SAILS

- 1 high roach mainsail in Dacron with battens and LAGOON logo
- 1 self-tacking jib in Dacron with UV protective band

RIGGING

- Anodized aluminum mast put on the roof
- One diamond spreaders rig
- Anodized aluminum boom
- 2 encased shrouds
- 1 forestay shrouds on transversal cross beam
- 2 adjustable lazy-jacks

RUNNING RIGGING

- 1 double purchase mainsail halyard
- 1 jib halyard (on blocker at the foot of the mast)
- 1 mainsail sheet led back to helm station with adjustment pulley and traveler on hard top bimini
- 2 reefing lines

Hardware

- 1 winch 40.2STA at helm station for the lift, mainsail halyard and genoa sheet
- 1 winch 40.2STA for mainsail sheet, reef 1, reef 2, port side mainsail traveler line, starboard mainsail traveler line and genoa furler
- 1 winch handle with holder
- 1 self-tacking jib sheet traveler
- 1 fixed mainsail clew padeye on the boom
- 1 pulley + lock on the deck starboard for fib
- Anodized aluminum crossbeam with mooring point for the jib furler, anchor roller and secondary anchor roller

Mooring

- Composite longitudinal crossbeam with avec integrated chain run and mooring cleats
- 8 aluminum mooring cleats
- 1000W 12V electrical windlass on the deck, horizontal gypsy (chain 10mm)
- Access to the chain locker through a large hatch on s/s struts, foredeck
- Anchor roller on forward aluminum cross beam

Various equipments

- S/s pulpits and pushpits
- Life line gates
- Height of the stanchions : 600 mm
- 2 ranges of s/s life line on the sides
- 2 ranges of s/s life line on aft cross beam
- 2 ranges of s/s life line on pelican hooks for access to transom

Motorisation

- 2 diesel engines YANMAR 3YM30 29cv sail drive
- 3-blades fixe propellers
- Sea water filter
- Mechanical engine throttles at the helm station
- Air extraction by 12V extractor
- Sound-proofing of the engine compartment with foam
- Fuel circuit :
 - 2 rotomoulded tanks of 200 liters
 - Fuel filter
 - Fuel shut off valve
 - Gauge at the general distribution panel
- Access to the engine compartments from the transom through hatches

Plumbing

Fresh water circuit:

- Fresh water tank : 300L with gauge at the chart table
- Fresh water circuit with 1 main water group in the forward engine room
- Hot water circuit with 25L water heater and engine exchanger

Grey water:

- Shower drain to grey water tank by tempo and push button

Black water:

- 3 cabin 2 head version:
 - 2 tanks 80L (total 160L)
- 4 cabin 2 head version
 - 2 tanks 80L (total 160L)
- 4 cabin 4 head version:
 - 4 tanks 80L (total 320L)
- Holding tank with water and deck emptying system

Bilge pump circuit:

- 1 manual bilge pump with cockpit pump in each hull
- 1 automatic and electric bilge pump in each hull (manual activating from the electrical panel)

Electrics

Power circuit:

- 2 alternators 12V 80AH
- 2 start batteries 12V 110A
- 2 service batteries 12V 140Ah

Service batteries breaker in port engine room

Start batteries breaker in starboard and port engine room

Distribution Electric panel:

- 12V backlit general distribution panel at the chart table, protection by circuit breaker
- LCD display with: ammeter, voltmeter, circuit breakers, panel lighting, 12V USB outlet

Lighting:

- 12V LED outside lighting
- 12V LED inside lighting
- LED Navigation lights
- 12V engine compartments lighting

Deck layout**TRANSOM**

- Hot/cold deck shower on portside
- S/s swim ladder on portside

AFT COCKPIT

- Large cockpit usable as a deck salon, protected by a hard top bimini
- "L" bench on portside with gas locker
- Polyester cockpit table
- Lazy boy with locker on starboard
- Aft beam with 2 lockers and location for the liferaft
- Self-draining cockpit with wooden grating

HELM STATION

- Helm station on starboard on the roof bulkhead
- 2 seats helm bench
- Covered steering wheel with brake
- Instrumentation console
- Engine throttles
- Storage bag for halyards
- Foot rest
- Access staircase from the cockpit with s/s handrail

FORWARD COCKPIT

- Large hatch on portside with s/s gas struts and locks to access to the water tank
- Large hatch on starboard to access to the mooring and the windlass
- Trampoline with nylon thread

BOW LOCKERS

- Access through opening deck hatches with lock (T60 – 507x507mm)
- Grey painting (berth option)
- Lighting

Interior layouts**GENERALITIES**

- Interior woodwork in marine plywood and Alpi Walnut
- Asburgo laminated floor
- S/s handrail leather covered
- Fabric-covered plywood ceiling panels or fiberglass liners in cabins and wash rooms
- Fabric-covered plywood on hull liner in cabins

STANDING HEADROOM

- Salon: 2.00m
- Cabin : 2.00m
- Bathroom : 1.95 m

MATTRESS AND UPHOLSTERY

- Marine mattresses made of multi-layer alveolar foam with several densities (tick. 120mm)
- Mattresses treatment: anti-microbial, anti-bacterial, non-allergenic, anti-dust mite
- Standard upholstery as indicated on Lagoon sample book
- Synthetic fabrics adapted to marine environment:
 - washable (40°C)
 - U.V. resistant
 - water repellent, with anti-stain treatment
- Blackout curtains and blinds in the cabins and salon

LIGHTING

- 12V LED ceiling spotlights
- 12V LED reading lights - headboard
- 12V LED reading lights - chart table
- 12V lighting in the engine compartment

AVAILABLE VERSIONS

- 3 cabins, 2 heads
- 4 cabins, 2 heads
- 4 cabins, 4 heads

3 cabin 2 head version



SALON

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- « L » bench on starboard
- Alpi walnut dining table
- Double berth in the salon (option)
- 3 lockers under the bench
- 2 opening hatches on the front windows (482 x 342 mm)

CHART TABLE

- Instrumentation console with panel to install the electronics
- 1 sliding seat with storage
- Desk with flaps
- Storage in the companionway

GALLEY

- « L » shape galley on portside
- Grey compact countertop
- Large s/s sink with hot/cold mixer tap
- Cupboard under sink with waste bin behind the door
- 3 burners stove and s/s gas oven
- 1 cutlery drawer
- 130L refrigerator 12V
- Storage on countertop (microwave option)
- Cupboard with 2 sliding baskets (2nd fridge or freezer in option)
- High cupboards for storage on the roof bulkhead, starboard and port



PORTSIDE HULL

Aft cabin

- 1 double bed with lateral access 2,00m x 1,60m
- Large under bed storage, top access
- Nightstand, inboard side
- Outboard side :
 - Sofa
 - Desk with flap and seat
 - 2 wardrobes, 2 doors
 - 2 cupboards, 2 doors
 - 1 drawer
- 1 opening deck hatch with dorade box (442x442mm)
- 2 opening deck hatches (260x260mm)
- 1 opening hull porthole (434x176mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 large fixe hull window in PMMA

Bathroom

- Composite countertop
- Washbasin with hot/cold mixer tap
- 1 high cupboard 1 door with mirror
- 2 low cupboard 1 door
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 1 opening deck hatch with dorade box (442x442mm)

- 1 opening hull porthole (434x176mm)
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STARBOARD HULL

Aft cabin

- 1 double bed with front access 2,00m x 1,60 m
- Large under bed storage, top access
- 1 nightstand on headboard
- 1 wardrobe – inboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (434x176mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
- 1 large fixe hull window in PMMA

Shared bathroom

- Access from the companionway, wooden door
- Composite countertop
- Washbasin with hot/cold mixer tap
- 1 high cupboard doors with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 2 opening deck hatches (260x260mm)

Forward cabin

- 1 double bed with front access 2,00m x 1,60 m (head)
- 1 under bed drawer
- Storage niche – inboard side (option)
- 1 wardrobe – outboard side
- 1 cupboard 2 doors
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (434x176mm)
- 1 large fixe hull window in PMMA

4 cabin 2 head version**SALON**

- Large panoramic view salon
- Aluminum sliding door and window with locker for the access to the cockpit, can be locked open or closed
- « L » bench on starboard
- Alpi walnut dining table
- Double berth in the salon (option)
- 3 lockers under the bench
- 2 opening hatches on the front windows (482 x 342 mm)

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Aft cabin

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Forward cabin

- 1 double bed with front access 2,00m x 1,60 m (head)
- 1 under bed drawer
- Storage niche – inboard side (option)

- 1 wardrobe – outboard side
- 1 cupboard 2 doors
- 1 opening deck hatch with dorade box (442x442mm)
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STARBOARD HULL

Identical to portside hull

4 cabin 4 head version**SALON**

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PORTSIDE HULL

Aft cabin

- 1 double bed with lateral access 2,00m x 1,60 m
- Large under bed storage, top access
- 1 nightstand inboard side
- 1 low cupboard with shelves – outboard side
- 1 wardrobe – inboard side
- 1 opening deck hatch with dorade box (442x442mm)
- 1 opening hull porthole (434x176mm)
- 1 opening hull porthole on the aft of the cabin (347x171mm)
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- Composite countertop
- Washbasin with hot/cold mixer tap
- 1 high cupboard, doors with mirror
- 1 towel holder
- Big size manual toilet
- Separate shower with Plexiglas door :
 - 1 shower column
 - 1 shower head holder
 - 1 hot/cold mixer tap
- 1 opening deck hatch (260x260mm)

Forward cabin

- 1 double bed with front access 2,00m x 1,60 m (head)
- 1 under bed drawer
- Nightstand, inboard and outboard
- 1 wardrobe – outboard side

- 1 opening deck hatch with dorade box (442x442mm)
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STARBOARD HULL

Identical to port hull



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