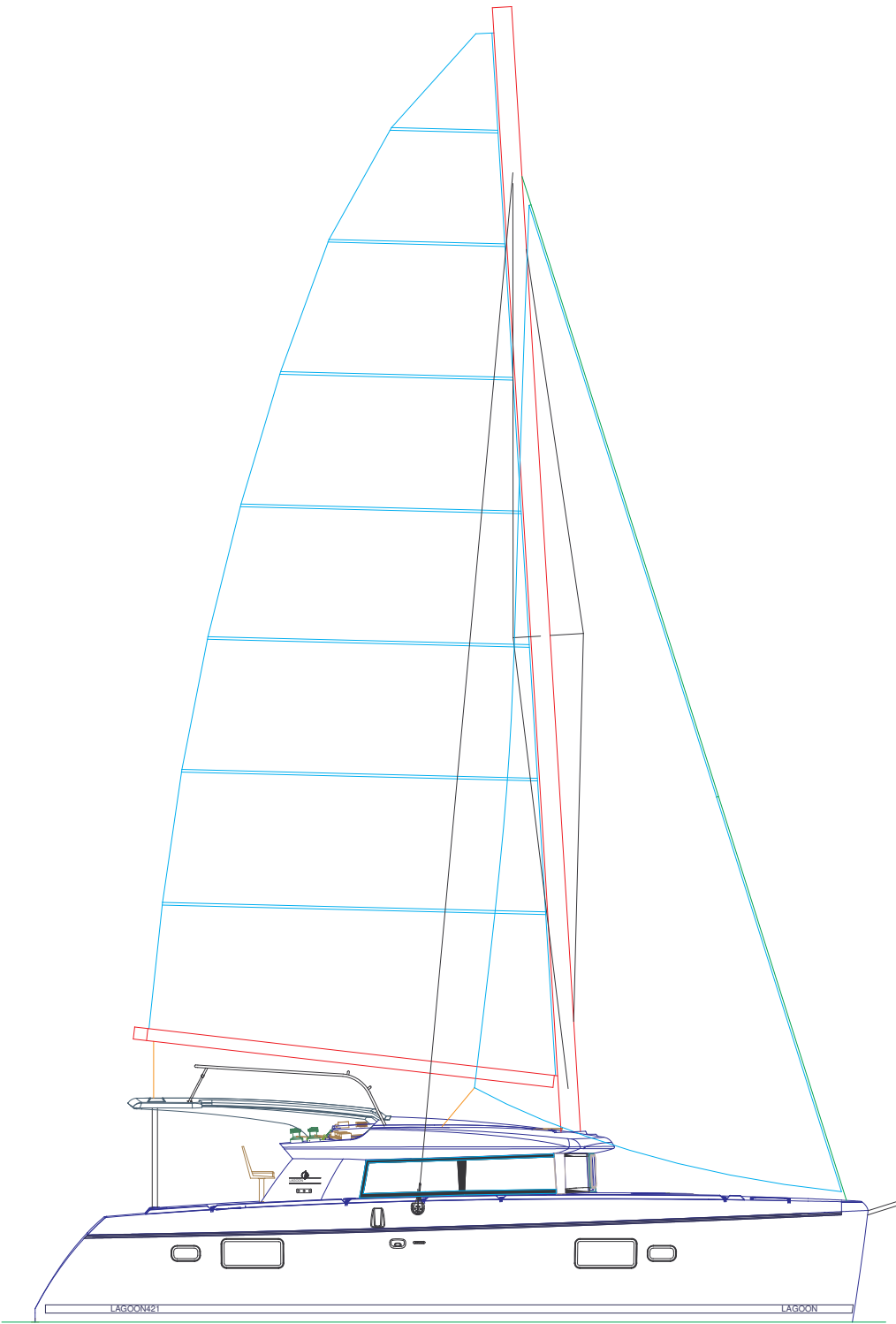


# Lagoon 421



---

**CONSTRUCTION**

- Polyester and vinylester FRP construction (osmotic barrier)
- Infused balsa core composite hulls - white gel coat
- Infused solid glass FRP under waterline
- Balsa core composite deck and bridge deck
- Solid or felt core composite interior FRP hull & roof liners
- FRP reinforced marine ply bulkheads; glassed or bonded to hull

**SAILS**

- 1 Full batten full roach mainsail, 69 m<sup>2</sup>/ 742 sq ft
- 1 Furling genoa with UV protective band, 35 m<sup>2</sup>/ 377 sq ft

**STANDING RIGGING**

- Anodized aluminum deck-stepped mast (18 m / 59'1")
- Single spreaders
- 1 Anodized aluminum boom
- 2 Shroud deck chainplates
- 1 Forestay chainplate on composite central rostrum

**RUNNING RIGGING**

- 1 Double purchase main halyard
- 1 Genoa halyard
- 1 Double purchase mainsheet led back to helm station, mainsheet traveler and car on hard top bimini
- 2 Genoa sheets
- 2 Genoa sheet tracks
- 3 Winches at helm station:
  - 1 Winch 46.2ST for:
    - Port mainsheet traveller line
    - Starboard mainsheet traveller line
    - Port genoa sheet
  - 1 Electric Winch 44.2STE for:
    - Main halyard

- Genoa halyard
- Optional spinnaker halyard
- Boom topping lift
- 1 Winch 46.2ST for
  - Main sheet
  - Reef 1 (automatic)
  - Reef 2 (automatic)
  - Reef 3 (conventional)
  - Starboard genoa sheet
  - Genoa furling line
- 3 reefing lines (2 auto and 1 conventional)
- Line jammers
- 1 Fixed mainsail clew padeye
- 1 Genoa furler line
- 2 Adjustable lazy jacks
- 2 Winch handles with holder

**DECK HARDWARE**

- 8 Mooring cleats
- 1 Vertical electric windlass 1200 W with 10 mm gipsy
- Bow safety nets on each side of the composite central rostrum
- S/s stern pulpits with horseshoe buoy mount and flag holder
- S/s bow pulpits and forward lifelines
- S/s double lifelines
- S/s coachouse handrails
- Lifeline gates

**COCKPIT**

- Cockpit useable as outdoor salon, accessible via a stern walkway connecting both transoms
  - Hard top bimini with integral lighting
  - Self bailing cockpit with teak grate
  - Helm station on starboard roof bulkhead including: motor throttle controls, motor control panels, steering compass, area for electronic instruments installation, leather covered steering wheel with brake, double helm seat with cushions, access steps from cockpit with
-

- s/s handrail, 2 line storage compartments
- Steering system: cable steering, composite shaft rudders, emergency tiller
- U-shape seating area with technical/generator (option) compartment
- Varnished wood cockpit table interchangeable with salon coffee table
- 1 aft cockpit seat locker
- 1 port cockpit propane locker
- 2 large storage area under steering station
- 2 cockpit storage shelves

#### **FOREDECK**

- Forward seating area
- Covered chain locker
- Port & starboard storage lockers
- 1 large central storage locker
- 1 additional large locker on port side (owner's version only)
- Forward bow lockers with locking deck hatches and access ladders
- Anchor roller on central composite rostrum

#### **TRANSOMS**

- Starboard side hot and cold deck shower
- Starboard side s/s swim ladder
- Rubber transom rubrails
- Access to engine room

#### **DECORATION**

- Hull water line and boot stripe grey
- Adhesive Lagoon logos on coachhouse sides
- Model name aft on each hull and on aft beam

#### **ENGINE COMPARTMENTS**

- Access from opening hatch in transom
- 2 x 40 hp sail drive diesel
- Motor shut off at helm station
- Double motor throttle control at helm station
- Motor compartments sound insulation
- Motor compartments air intakes on aft

- crossbeam
- 12V Air exhaust fans
- 1 engine start battery 12V – 110 Ah (per engine)

#### **PLUMBING**

- 2 X 175 L/2 X 46 gal. water tanks (Optional: 2 additional 175 L/2 x 46 US gal. additional water tanks)
- Fresh water circuit and 12V pump
- Hot water circuit with 40 L/11 US gal. water heater (AC only)
- Diesel capacity: 2 X 300 L/1 x 79 US gal. under starboard and port aft berth
- 2 x 12V automatic bilge pumps
- 2 x 12V manually activated bilge pumps
- 2 x Manual bilge pumps
- Fuel filter with water separator
- Sea water filter
- Exhausts with wet mufflers

#### **ELECTRICITY**

- Backlit 12 V Electrical panel
- LCD display with: voltmeter, Ah-meter, water level gauge, diesel level gauge, low level alarm for diesel and water tanks
- 2 Start batteries: 12V - 110 Ah
- 2 House batteries: 12V - 140 Ah

#### **INTERIOR LAYOUT**

##### **General**

- Interior woodwork in marine plywood and light oak Alpi with horizontal grain
- Non skid synthetic wenge floor

##### **Mattress and upholstery**

- Cabins mattresses: marine mattresses made of multi layer alveolar foam with several densities. Mattresses designed to improve comfort for a deeper sleep (thickness: 120mm/5")
- Mattresses treatment: anti microbial, anti

- bacterial, non allergenic, anti dust mite
- Standard upholstery as indicated on 2009 sample book
- Synthetic fabrics adapted to marine environment:
  - washable (40°C)
  - U.V. resistant
  - water repellent, with anti stain treatment
- Fabric-covered wooden ceiling panels or fibreglass liners in cabins and wash rooms
- Fabric hull liner in cabins
- FRP liner in main salon
- Curtains in cabins and on forward windows in salon

#### ■ 2 versions

- OWNER'S - 3 cabins, 3 heads, 3 separate showers
- CHARTER - 4 cabins, 4 heads, 4 separate showers

#### Salon

- Large panoramic view salon with sliding door and lock
- Standing headroom: 2.05m/6'9"
- 12V halogen salon overhead lights
- Seating for 8 people
- Varnished wood coffee table that can be swapped with large wooden cockpit table. 1 set of tall aluminium legs and 1 set of short aluminium legs
- Storage under settee
- 2 opening hatches in forward vertical coachouse windows

#### Chart table (on the port side on the salon, facing forward)

- Standing headroom: 1.95m/6'5"
- 12V halogen overhead light
- Panel for (optional) electronic equipment installation
- Swivelling stool that can be used as additional seat at the dining table

- Hinged chart table lid
- Chart 12V reading light

#### Galley in salon communicating directly with cockpit via a sliding bay window

- Standing headroom: 2 m/6'7"
- 12V halogen overhead lights
- White laminate countertop with wooden fiddles
- 3 burner stove
- Separate oven with grill
- 2 drawers
- Cupboard under sink with waste bin behind door
- Storage under central seating area
- Overhead cupboards
- Additional storage areas designed for (optional) additional fridge or freezer, a dishwasher and microwave oven
- 1 x12V fridge 130 L/34 US gal

#### Companionways

- Synthetic wenge non-skid steps

#### Forward Starboard cabin

- Access through starboard passageway door
- Standing headroom: 1.95m/6'5"
- 12V Halogen overhead lighting
- 2 X 12V headboard reading lights
- "Semi – island" type berths with front and side access 2.0 m X 1.5 m/6'7" x 5'
- 1 drawer and 2 storage lockers on front of bed
- Lockers on both sides of bed
- 1 Hanging locker
- 1 Opening deck hatch with curtain
- 1 Hull port with curtain
- 1 Large one-way fixed window with curtain

#### Forward starboard head

- Access from cabin door
- 12 v halogen lighting
- Standing headroom: 1.95m/6'5"
- Large manual marine head with holding tank with gravity drain/ deck pump out (same holding tank for

**front and aft WC)**

- Fibreglass washbasin with hot/cold mixer tap, cupboards, mirrors
- 1 Opening deck hatch with blind

**Forward starboard independent shower**

- Access to shower stall from forward cabin door
- Shower sump
- Roomy separate shower stall with hot/cold water mixer tap
- 1 Opening deck hatch with blind
- Standing headroom: 1.95m/6'5"

**Aft Starboard Cabin**

- Access through starboard passageway door
- Standing headroom: 1.85m/6'1"
- 12V Halogen overhead lighting
- 2 headboard reading lights
- "Semi – island" type berth with front and side access 2.0m X 1.5 m/6'7" X 5 ft
- 1 Drawer and 2 lockers on front of bed
- Lockers on both sides of berth
- 1 Hanging locker
- Access to emergency escape hatch
- 1 opening deck hatch with blind
- 1 hull port with curtain
- 1 large one-way fixed window with curtain

**Aft starboard head**

- Access from aft starboard cabin door
- 12 v halogen overhead lighting
- Standing headroom:  $\pm$  1.95 m/ 6'5"
- Large manual marine head with holding tank with gravity drain/ deck pump out (same holding tank for front and aft WC)
- Fibreglass washbasin with hot/cold mixer tap, lockers, mirrors
- 1 opening deck hatch with blind

**Aft starboard shower**

- Shower stall in same area as head but separated by a PMMA door

- Standing headroom: 1.95 m/6'5"
- 1 opening deck hatch with blind

**■ Owner's version**

3 cabins, 3 heads, 3 separate showers

**Owner's hull**

**The port hull is totally dedicated to the owner and includes:**

- Access from salon through sliding door in passageway
- 12 v halogen overhead lighting
- 2 headboard reading lights
- "Semi – island" type berth with front and lateral access 2.0m X 1.5 m/6'7" X 5 ft
- 1 drawer and 2 lockers on front of bed
- 1 cabinet with 2 drawers on inboard side
- Lockers on both sides of bed
- 2 large hanging locker
- Access to emergency escape hatch
- Motor access under bed
- 4 opening deck hatches with blinds
- 1 hull port with curtain
- 1 large one-way window with curtain
- Sofa
- 1 vanity with shelves on the outboard side

**Owner's washroom**

- Access from owner's cabin door
- 12 v halogen overhead lighting
- Standing headroom:  $\pm$  1.95 m/6'5"
- Large manual marine head
- Fibreglass washbasin with hot/cold mixer tap, lockers, mirrors
- 1 Opening deck hatch with blind
- 1 Opening hull port
- 1 large one-way window with curtain

**Forward port shower**

- Shower stall in same area as head but separated

- by a PMMA door
- Deck hatch with blind
- Standing headroom : 1.95 m/6'5"

■ **Charter version**

4 cabins, 4 heads, 4 separate showers

Port hull cabin and head layout identical/symmetrical to starboard side

The large deck locker of the owner's version is not available in the charter version (space is taken up by 4th berth)

**US SPECIFICATIONS**

**Boats sold in America include the following equipments as standard features:**

- 110V heating element in water heater
  - 1 holding tank with gravity drain/deck pump out in each head
  - 3/8" windlass gypsy for non metric chain
-



---

LOA	12,61 m / 41'4"
LWL	12,30 m / 40'4"
BOA	7,50 m / 24'7"
Mast Height Over Water	20,73 m / 68'
Draft	1,26 m / 4'2"
Light displacement (EEC)	12,17 t / 26.835 Lbs
Full batten main	66,4 m <sup>2</sup> / 714 sq ft
Square top main sail (Option for short mast)	69,5 m <sup>2</sup> / 748 sq ft
Furling jib	35,9 m <sup>2</sup> / 386 sq ft
Water	2 x 175 l / 2 x 46 US Gal
Diesel	2 x 300 l / 2 x 79 US Gal
Motors	2 x 40 CV / 2 x 40 HP sd
Interior finish	Light oak alpi and non skid laminated wenge for the wood floor
Architects	Marc Van Peteghem & Vincent Lauriot Prévost (VPLP)
EEC Certificate	A for 11 persons - B for 13 persons - C for 18 persons - D for 20 persons

---



162, quai de Brazza  
33072 Bordeaux Cedex - France  
Tél. 33 + (0) 557 80 92 80  
E-mail : info@cata-lagoon.com

[www.cata-lagoon.com](http://www.cata-lagoon.com)