

48



AQUILA 48 POWER CATAMARAN

Length overall w/ swim & protection platform	48'.03" / 14.7 M
Beam overall	23'.06" / 7.17 M
Height above waterline w/ hard top	18'.08" / 5.7 M
Draft without sacrificial skegs	3'.07" / 1.09 M
Draft with sacrificial skegs	3'.08" / 1.12 M
Light displacement	47,620 LB / 21,600 KG
Fully loaded displacement	55,556 LB / 25,200 KG
Fuel tank (approx)	356 GAL / 1,350 L
Fuel tank (generator w/ genset option only)	105 GAL / 400 L
Water tank (approx)	206 GAL / 780 L
Holding tank (approx)	90 GAL / 340 L
CE certification	A:10 ; B:10 ; C:16 ; D:25

Sleeps (up to)	8
Max passengers	25
Cabins	4
Heads	4
Showers	4

Propulsion

**VOLVO PENTA DIESEL ENGINES W/ V DRIVE GEARBOX
(2X D4 225 HP / 165 KW)**



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The specification measurements are approximate and subject to variance.

EXTERIOR FEATURES



CONSTRUCTION

- Resin infused hull and deck construction creating high strength and stiffness
- Solid FRP lamination at hull centerlines including all through hulls
- Vynylester resin with excellent corrosive and water resistant properties
- NPG gelcoat with superior UV resistance
- Resin infused bulkheads
- All main FRP components resin infused construction including bulkheads
- Bow crash box in each hull
- Hull stern extensions separately molded and attached for safety
- Windows in hull and deck high quality tempered shatter proof glass meeting ISO standards
- Custom built salon and flybridge support structure using 316 stainless steel



HULL AND DECK FEATURES

- Opening deck hatches 11 (carefully positioned to enhance ventilation in cabins)
- Opening ports in hull windows for heads(3)
- Custom built PVC rub rail with 316 stainless-steel insert offering all round protection
- Solid custom deck railing in 316 stainless steel
- 2x Comfortable and protected bow seats integrated into deck railing
- 8x Mooring cleats in solid 316 stainless steel thru bolted
- Deck fill plates in 316 stainless steel - 1x water; 3x fuel; 2x waste
- Bow roller for secondary anchor 316 stainless steel
- Anchor locker with 1500 watt windlass, handheld remote control with custom chain lock
- Well placed ergonomic handrails in 316 stainless steel ensuring secure movement onboard
- Port & Starboard ergonomic forward steps leading to flybridge in FRP with 316 stainless steel support structure
- Ergonomic transom steps for easy boarding and comfortable lounging off stern
- Transom boarding rails in 316 stainless steel. located in centre of aft steps
- LED navigation lights - port, starboard, stern, anchor & running Light
- Engine ventilation intakes with FRP cowling and 316 stainless-steel cover
- Swim ladder -316 stainless steel
- Large starboard bow locker - waterproof and easylift gas hinge for fender storage etc.
- Dedicated port bow locker - waterproof and easylift gas hinge for water system and optional watermaker
- Self draining storage locker in aft cockpit floor
- Forward and aft cockpits and sidedecks all self draining
- Engine access lockers with easylift gas hinge allowing easy access to engine room
- Aft cockpit with expansive hinging window and door opening to galley
- Aft cockpit bar area with 2x 316 stainless-steel bar stools
- Aft cockpit seating area with U-shaped settee with integrated cup holders and table (converts into sun bathing area)
- Forward cockpit with comfortable seating with backrests cushions for relaxing and socializing
- Forward cockpit covered with integrated hardtop, LED mood lighting and speakers
- Forward cockpit floor - large locker doors allowing all round access to generator (optional)
- Forward cockpit watertight door allowing easy access from forward cockpit to salon
- Forward cockpit canvas and lexan enclosure
- Forward cockpit table (Small)
- Integrated aft side boarding step in hull with 316 stainless-steel handrail
- Large spacious foredeck for sunbathing
- LED down lighting in aft cockpit
- Variable temperature stern shower located at port aft steps



EXTERIOR FEATURES

FLYBRIDGE

- Radar arch across flybridge
- Exceptional flybridge access from three stairway locations
- Main access from salon interior via teak and stainless-steel stairway
- Ergonomic positioned handrail for safe access to and from salon
- Large acrylic watertight hatch door closes off interior from flybridge
- Water protection cover situated behind salon stairway
- Forward flybridge access via port and starboard FRP and stainless-steel stairway
- Ergonomic positioned handrails for safe access via forward stairways
- Flybridge guardrails with acrylic wind protection inserts
- Electronic engine double lever throttle and gearshift control
- Variable position stainless steel steering wheel
- Hydraulic steering
- Helm station console in dark grey non glare UV protect finish
- Compass at helm station
- Protected storage cubby under helm station
- Entertainment system remote control located next to helm
- Marine waterproof speakers located in hardtop
- Dark acrylic windscreen with 316 stainless steel handrail support to deflect wind and glare
- Spacious comfortable helm seat for 3 people with upholstered seat and backrest
- Comfortable aft facing jump seats port and starboard of helm station
- Flybridge table with fold down extensions comfortably seating 8 people
- Upholstered flybridge cushions and backrests
- Dedicated sun deck forward of the helm station windscreen comfortable for 3 people
- Wetbar behind helm station incorporating Corian work surface, sink and hot and cold faucet
- Integrated hinged fiberglass cover for wet bar area
- Large storage area under wetbar w/ 2x access doors (optional location for fridge and icemaker)
- Dedicated life raft storage locker under aft seat with easy launch
- Lifejacket and safety gear storage under flybridge seats
- 11x Cup holders located in various areas around flybridge
- Composite hard top with lights

ENGINE ROOM

- Underwater engine exhaust to reduce engine emission noise
- Automatic fire suppression heat activated system with alarm monitors at helmstation
- Electronic start/stop switches at helmstation with E key protection
- Engine room insulation - 50 mm flame retardent polyurethane foam covered with metalized polyester film
- 316 Stainless-steel engine support frame
- Engine room lighting
- Automatic electric bilge pump in each engine room with warning light at helm and navstation
- Excellent all round engine and systems access for ease of maintenance
- 2x Hydraulic steering cylinders



EXTERIOR FEATURES



ENGINE CONTROL

- Electronic engine double lever throttle and gearshift control
- Volvo electronic vessel control (EVC) 4" display at helm station
- Electronic start/stop switches at helm station with E key protection

UNDERWATER GEAR

- Engine V Drive transmission for compact efficiency
- Propeller tunnels for reduced draft and maximum efficiency
- 23 Inch/584mm 4 blade bronze propeller
- Propeller shaft - 1.57 inch/40mm machined stainless steel
- Rudders and tiller arm in 316 stainless steel with FRP tube
- Shut off valves on all salt water intakes in engine rooms
- Sea water strainers with transparent lid
- Watertight self aligning dripless shaft seal with 316 stainless housing and self aligning teflon bearing
- Extended bronze P bracket for maximum propeller protection
- Sacrificial skeg forward of drive train



TECHNICAL FEATURES

- Bilge pump warning lights at helm & nav station
- Instrument panels
- Steering, tilt wheel
- Steering wheel, stainless steel

INTERIOR FEATURES

SALON

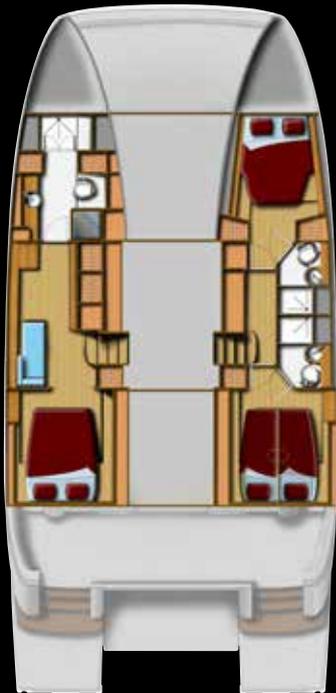
- Excellent all round visibility from salon seating
- Shatter proof windows with external overhangs offers excellent visibility and reduced sunlight
- Tempered glass bi-fold door and hinged window access to cockpit offers excellent ventilation and through flow
- Watertight hinged door to forward cockpit
- Venetian wood blinds covering port and starboard side windows
- Overhead LED ceiling lights, LED mood lighting and LED courtesy lighting
- 2x reading lamps
- Panel ceilings with decorative wood trim and LED lights
- Comfortable open couch seating to starboard
- Settee seating U shape around salon table comfortably seats 8 people
- Salon table
- Large shelves behind settees
- Cushions in soft easy clean upholstery
- Dedicated liquor cabinet (3 cabin version)
- Hidden slide out mini bar in partition (4 cabin version)
- 4 x surround sound speakers and sub woofer entertainment system
- Hidden TV storage
- Salon converts into 2x comfortable Single Beds
- Vertical 316 stainless-steel handrail in salon and galley
- Synthetic wear resistant flooring offering maintenance free natural wood look



INTERIOR FEATURES

GALLEY

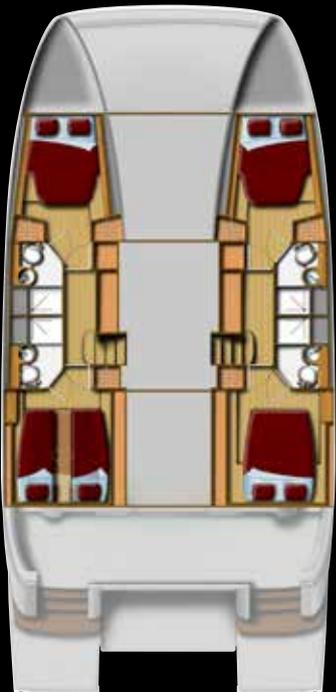
Three burner propane / Butane stove in center of galley
Microwave - 120V or 220V (Inverter option as power source required)
Refrigerator / Freezer 2 drawer front access offering easy access and efficient packing
Double stainless steel sink with corian worktop cover
and single lever variable temperature faucet
Storage cupboards & drawers offering ample storage for all galley accessories
Deep dish drying rack with corian worktop cover
Interior teak and stainless stairway offering easy access from galley and salon to flybridge
Durable stain resistant corian countertop
Ample storage lockers on starboard side under corian worktop surface perfect for serving area
Slide out garbage bin under sink
Dedicated blender / Coffee maker / Appliance work area behind corian countertop
Overhead LED ceiling lights as well as mood lighting
LED courtesy floor lighting
Vertical stainless steel 316 handrail for steps up to flybridge
Synthetic wear resistant flooring offering maintenance free natural wood look
Storage area above galley cupboards with stainless steel 316 fiddle



3 Cabin Layout

STATEROOMS

Large windows offering excellent view
Dedicated hanging locker
Ample storage lockers
Venetian wood blinds covering large hull windows
Concealed shade blind and insect screen on opening deck hatch where installed
Overhead LED ceiling lighting and floor courtesy lighting
Overhead LED reading lights
Full size island style bed in all staterooms offering access from both sides
Aft staterooms convertible bed offering full size bed or separate single beds
Ample storage lockers under beds
Memory foam mattresses
Synthetic wear resistant flooring offering maintenance free natural wood look
Cabin door offering quiet and privacy
Cabin Mattress Sizes: Aft Beds Together: 78"L x 60"W (198cm x 152cm)
Aft Beds Apart: 78"L x 30"W (198cm x 76cm), Frwd Bed = 78"L x 60"W (198cm x 152cm)



4 Cabin Layout

HEADS & SEPARATE SHOWER STALLS

Quiet electric fresh water flush toilet with large bowl and push button control
Private door leading into cabin
Opening deck hatch offering ample ventilation
Venetian wood blinds over hull window
Opening port light in large window
Stylish round wash basin with single lever variable temperature faucet
Corian countertop surrounding wash basin
Vanity lockers with mirrors
Synthetic wear resistant flooring offering maintenance free natural wood look
Separate shower stall with seat and flexible shower faucet
Natural teak grating shower floor
Acrylic door separating shower from the rest of the bathroom
Automatic shower & sink drain via dedicated sealed sump box
Overhead LED lighting
LED nightlight above washbasin
Toilet roll holder located in sink locker

INTERIOR FEATURES



NAVIGATION AREA

Ample navigation work surface for charts and books

AC/DC electrical panel w/ circuit breakers & transfer switches for all electrical systems.

Inc ample spare breakers

Dedicated service panel for optional generator, desalinator and inverter control panels

Dedicated electronics display panel offering easy access and visibility to electronic systems inc optional VHF radio

Multi-zone entertainment system master unit offering multi-zone control with dedicated iPod/iPhone connection

Electronic panel displaying navigation lights and bilge pump warning lights and manual switches

Light switch panel controlling all salon, galley and aft cockpit lighting



WATER SYSTEM

Fresh water pressure pump with accumulator tank offering equal water pressure throughout

Backup fresh water pump

2x 15 Gal/60 L hot water cylinders powered by engine heat exchangers and AC power

2x 103 Gal/390 L connected water tanks

Water tank level gauge located at on service panel

WASTE SYSTEM

Grey water from showers and sinks collected in 2x sealed sump boxes and automatically discharged over-board

Black water holding tanks discharged via deck pump out or overboard with macerator pumps

Black water tank level gauges located on service panel



ELECTRICAL

House batteries 5x 200 Amp/hour AGM technology in dedicated battery locker

Dedicated engine batteries 2x 200 Amp/hour AGM technology

Shore side electrical system

AC power supplied by 2x 50 Amp 125/250V shore power cables

Dedicated circuit breaker switches for all high load components

Galvanic isolator protector system

FUEL SYSTEM

Diesel fuel system with racor water separation filters

Dedicated fuel tank for each engine

Fuel filters

Aluminum fuel tanks with safety shut off valves and level monitors at helm station



SAFETY

2x opening escape hatches located in aft cabins

2x tempered glass escape hatches located under cabin stairs with emergency escape hammer

Automatic fire suppression heat activated system with alarm monitors at helm station

Emergency hammer

Emergency steering position with custom emergency tiller in 316 stainless steel

2 x opening escape hatches located in forward cabins

Dedicated bow crash boxes in each hull

Dedicated aft hull extensions double as crash boxes for each hull

All deck hatches fitted with latches and waterproof



AQUILA 48

POWER CATAMARAN

The Aquila 48 was designed to be an exceptionally comfortable cruising boat as a result of the integration of advanced technology in all design and build decisions.

This ocean-going power cat includes many customization options to meet an array of boating lifestyles from 2, 3 or 4 cabin layouts, custom finishes, interior helm and aft deck options for cruising, entertaining or live aboard comforts.



AQUILA

Builder:



Design & Styling:



Concept:



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