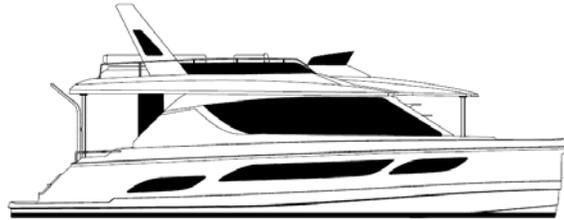




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Aquila 48

Designed by J&J Group

TECHNICAL DATA

Length overall with hull swim and protection platform	48 ft 3 in / 14.7 m
Length hull	46 ft / 14 m
Beam overall	23 ft 6 in / 7.17 m
Height above waterline with hard top	18 ft 8 in / 5.7 m
Draft	3 ft / 92 cm
Light displacement	47,620 lbs / 21,600 kg
Fully loaded displacement	55,556 lbs / 25,200 kg
Fuel tank (approx)	2 x 178 US gal / 2 x 675 l
Fuel tank (dedicated for generator with genset option only)(approx)	105 US gal / 400 l
Water tank (approx)	2 x 103 US gal / 2 x 390 l
Holding tank (approx)	2 x 45 US gal / 2 x 170 l
CE certification	A:10 ; B:10 ; C:16* ; D:25* (*TBC)
3 Cabin 3 head version sleeps 6 in cabins plus 1 in Salon	7 Pax
4 Cabin 4 Head version sleeps 8 in cabins plus 2 in Salon	10 Pax
Volvo Penta diesel engines with V Drive gearbox	2 x D4 225hp/ 165 KW
Range*	Distances in Statute Miles
Estimated range (half load with 5% reserve on 461 gals / 1750 l)	1009 miles @ 7 knots
Generator fuel tank utilized for calculation	339 miles @ 15 knots
Fuel transfer pump standard with generator option	278 miles @ 22 knots
	300 miles @ 20 knots

**All ranges are estimated and based on calm conditions, range could vary considerably due to waves, wind, current, cleanliness of bottom etc. Safe seamanship ahoid always dictate cautious approach with ample reserve fuel at all times.*

Standard Specifications

Exterior Features

Construction

Resin infused (VARTM) hull and deck construction creating high strength and stiffness
Solid FRP lamination at hull centrelines including all through hulls
Vinylester resin with excellent corrosive and water resistant properties
NPG gelcoat with superior UV resistance
Resin infused bulkheads
All main FRP components resin infused (VARTM) construction including bulkheads
Bow crash box in each hull
Hull stern extension 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 structure using 316 stainless steel

Hull and Deck features

Opening deck hatches 10 (carefully positioned to enhance ventilation in cabins)
Opening ports in hull windows for heads
Custom built PVC rubrail 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
8 x mooring cleats in solid 316 stainless steel thru bolted
Deck fill plates in 316 stainless steel - 2x water; 3 x fuel; 2 x waste
Bow roller for secondary anchor 316 ss
Anchor locker with 1500 watt windlass, handheld remote control and custom chain lock
Custom anchor bridle with chain hook
Well placed ergonomic handrails in 316 stainless steel ensuring secure movement onboard
Port & starboard ergonomic forward steps leading to flybridge in teak 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 center of aft steps
Safety gate securing access between swim platform and cockpit
High visibility navigation lights - port, starboard, stern, anchor & running light
Engine ventilation intakes with FRP cowling and 316 stainless steel cover
Swim ladder 316 ss
Large starboard bow locker - Waterproof and easy lift gas hinge for fender storage etc
Dedicated port bow locker - Waterproof and easy lift gas hinge for watermaker and fresh water system
Self draining storage locker in aft cockpit floor
Forward and aft cockpits and side decks all self draining
Engine access lockers with easy lift gas hinge allowing easy access to engine room
Aft cockpit with expansive sliding door opening to galley
Forward cockpit with comfortable seating for relaxing and socializing
Forward cockpit covered with integrated hardtop, LED mood lighting and speakers
Forward cockpit floor - Easy lift gas hinge locker doors allowing all round access to generator (optional)
Forward cockpit watertight door allowing easy access from forward cockpit to salon
Integrated aft side boarding step in hull with 316 stainless steel handrail
Large spacious foredeck for sunbathing
LED down lighting in aft cockpit
LED blue accent courtesy lighting in aft cockpit
Variable temperature stern shower located at port aft steps

Fly Bridge

Radar arch across flybridge with LED down lights
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 teak and stainless 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
Power assisted hydraulic steering
Helm station console in dark grey non glare UV protect finish
Compass at helm station
Protected storage cuddy under helm station
Entertainment system remote control located next to helm
Marine waterproof speakers located in arch
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 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
Wet bar located behind helm station incorporating corian work surface, sink and hot and cold faucet
Large storage area under wet bar with 2 x 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
11 x cup holders located in various areas around flybridge

Engine Room

Engine exhaust gas / Water separator to reduce engine emission noise
Automatic fire suppression heat activated system with alarm monitors at helm station
Electronic start / stop switches at helm station with E key protection
Engine room insulation - 50 mm flame retardant 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 Nav. station
Excellent all round engine and systems access for ease of maintenance
2 x hydraulic steering cylinders

Engine Control

Electronic engine double lever throttle and gearshift control
Volvo electronic vessel control (EVC) 4" display at helm station
Fuel level gauges located at helm station on flybridge
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/40 mm 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 keel forward of drive train
Electrogaurd shaft grounding brush for cathodic protection of shaft and propellers

Technical Features

Alarms, high water - bilge & cabin
Instrument panels
Steering, power-assisted
Steering, tilt wheel
Steering wheel, stainless steel

Interior Features

Salon

Excellent all round visibility from salon seating
Vertical shatter proof windows with external overhangs offers excellent visibility and reduced direct sunlight
Tempered glass sliding door access to cockpit offers excellent ventilation and through flow
Watertight hinged door to forward cockpit
Overhead LED ceiling lights, LED mood lighting and LED courtesy lighting
2 x reading lamps
Panel ceilings with decorative wood trim
Comfortable open couch seating to starboard
Settee seating U shape around salon table comfortably seats 8 people
Salon table
Large shelves behind settee's
Cushions in soft easy clean upholstery
Hidden slide out mini bar in partition
4 x surround sound speakers and sub woofer entertainment system
Hidden TV storage
Air handlers hidden in ceiling for water chilled A/C system offering excellent ventilation
Salon converts into 2 x comfortable Single Beds
Vertical 316 stainless steel handrail in salon and galley
Synthetic teak flooring offering maintenance free natural teak look.

Galley

Two burner propane / Butane stove in center of galley
Stainless steel microwave / Inverter oven 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 teak flooring offering maintenance free natural teak look
Storage area above galley cupboards with stainless steel 316 fiddle

Staterooms

Large windows offering excellent view
Dedicated hanging locker
Ample storage lockers
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
150 mm/ 6 inch memory foam mattresses
Synthetic teak flooring offering maintenance free natural teak look
Cabin door offering quiet and privacy

Heads and separate stall showers

Quiet electric fresh water flush toilet with large bowl and push button control
Private door leading into cabin
Opening deck hatch offering ample ventilation
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 teak flooring offering maintenance free natural teak 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 and toilet brush located in sink locker

Navigation Area

Ample navigation work surface for charts and books
AC/DC electrical panel with circuit breakers and transfer switches for all electrical systems - Inc ample spare breakers
Dedicated secondary display panel for optional generator, desalinator and inverter control panels
Dedicated electronics display panel offering easy access and visibility to electronic systems incl optional VHF radio
Multi zone entertainment system master unit offering multi zone control with dedicated I Pod/I Phone 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
Convenient storage area above nav. station with 316 stainless steel fiddle
Remote battery switches for all batteries on secondary panel

Water System

Fresh water pressure pump with accumulator tank offering equal water pressure throughout
2x 15Gal/60 l hot water cylinders powered by engine heat exchangers and AC power
2x 103 Gal/390 L connected water tanks with three way valve
Cockpit shower, hot and cold water
Water tank level gauge located at nav. station

Waste System

Grey water from showers and sinks collected in 2x sealed sump box's and automatically discharged overboard
Black water holding tanks discharged via deck pump out or overboard with macerator pumps
Black water tank level gauges located at secondary nav. station panel

Electrical

House batteries 5 x 200 amp/hour AGM technology in dedicated battery locker
Dedicated engine batteries 2 x 200 amp/hour AGM technology
Shore side electrical system
AC power supplied by 2x 50 Amp 125/250V shore power cables
40 amp battery charger in dedicated electrical locker
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 - Racor
Aluminum fuel tanks with safety shut off valves and level monitors at helm station

Safety

2 x opening escape hatches located in aft cabins
2 x tempered glass escape hatches located under cabin stairs with emergency escape hammer
Automatic fire suppression heat activated system with alarm monitors at helm station
6 x fire extinguishers
Fire blanket located in galley
Emergency hammer
Emergency steering position with custom emergency tiller in 316 stainless steel
Dedicated bow crash boxes in each hull
Dedicated hull extensions double as crash boxes for each hull
All deck hatches fitted with latches and waterproof