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## Aquila 38

*Designed by Morrelli & Melvin*

### TECHNICAL DATA

Length Overall	37 ft 8 in / 11.28 m
Beam overall	14 ft 8 in / 4.50 m
Height above waterline with radar arch	15 ft 3 in / 4.65 m
Draft	3 ft / 0.915 m
Displacement	18,400 lbs / 8,400 kg
Fuel Capacity	206 Gal / 780 L
Water Capacity	115 Gal / 440 L
Holding tank (approx)	29 Gal / 110 L
CE certification	B:10 ; C:10* ; D:15* (*TBC)
2 Cabin 2 head, sleeps 4 in cabins plus 2 in salon	6 Pax
Yanmar diesel engines	2 x 110 HP
Range*	Distances in Statute Miles
Estimated range	900 Miles @ 7 knots
	500 miles @ 12 knots
	450 miles @ 15 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 should 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  
Windows in hull and deck high quality tempered shatter proof glass meeting ISO standards

### Hull and Deck features

Deck has a molded-in, non-skid pattern  
Stainless steel pipe railing with stanchion bases  
Anchor chain stopper  
Anchor roller fitting with chain plate wear plates  
Dedicated liferaft locker  
Sliding companionway door  
Swimming ladder with teak steps  
Cockpit bench seating  
Solid GRP Foredeck  
Outboard stainless steel life ring holder  
Acrylic windows  
Deck Hatches (2)  
Opening porthole windows (11)  
Forward window louvre set  
Spacious cockpit lockers (4)  
Spacious foredeck lockers (2)  
Large coach roof side windows  
Coachroof 316 stainless steel grab handrails (2)  
Cockpit 316 stainless steel grab handrails (2)  
Mooring cleats (6)  
Stainless steel drink holders (2)  
Large spacious foredeck for sunbathing  
LED down lighting in aft cockpit  
LED blue accent courtesy lighting in aft cockpit

### Fly Bridge

Helm seat with pivoting backrest  
Engine control panels  
Stainless guard rails  
Flybridge seating  
Flybridge GRP table  
LED Lighting  
Sound horn  
Walkway from helm station to front of bow  
Forward access doorway to bow area  
Removable GRP Radar arch across flybridge with LED downlights  
Main access from aft cockpit via integrated molded steps  
Ergonomic positioned handrail for safe access from aft cockpit  
Electronic engine double lever throttle and gearshift control  
Variable position steering wheel  
Power assist hydraulic steering  
Compass at helm station  
Protected storage cuddy under helm station  
Upholstered flybridge cushions with backrest  
Lifejacket and safety gear storage under flybridge seats  
6 x cup holders located in various areas around flybridge

### Technical Features

Bilge pump warning lights at helm & navstation  
Instrument panels  
Steering, power-assisted  
Steering, tilt wheel  
Steering wheel

## Engine Room

Engine room insulation panels for noise reduction  
Ventilation fans and ducting (2)  
Yanmar 110 HP engines (2)  
Exhaust stainless steel skin fittings (2)  
Exhaust water locks  
Cooling water inlet strainers  
Automatic fire suppression heat activated system with alarm monitors at helmstation  
Excellent all round engine and systems access for ease of maintenance  
Electronic start/stop switches at helmstation  
Engine room lighting  
Electric bilge pump in each engine room  
Hydraulic steering cylinders (2)

## Engine Control

Electronic engine double lever throttle and gearshift control  
Instrument panel at helm station  
Electronic start/stop switches at helmstation

## Underwater Gear

Fixed blade propellers (2)  
Propeller shaft -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  
Balanced spade rudders

## Interior Features

### Salon

Excellent all round visibility from salon  
Shatter proof windows with external overhangs offers excellent visibility and reduced direct sunlight  
Overhead LED ceiling lights, LED mood lighting and LED courtesy lighting  
Settee seating U shape around salon table seats 6  
Salon table  
Upholstered cushions  
Salon converts into 1 x comfortable double bed  
Wear resistant flooring  
Forward facing all-weather hatches for ample ventilation

### Galley

Two burner propane/ Butane stove in centre of galley  
Stainless steel microwave  
Refrigerator / Freezer 2 drawer front access offering easy access and efficient packing  
Stainless steel sink and single lever variable temperature faucet  
Storage cupboards & drawers offering ample storage for all galley accessories  
Deep dish drying rack with corian worktop cover  
Durable stain resistant corian countertop  
Ample storage lockers on starboard side under corian worktop surface perfect for serving area  
Slide out garbage bin  
Dedicated blender / Coffee maker / Appliance work area behind corian countertop  
Overhead LED ceiling lights as well as mood lighting  
LED Courtesy floor lighting  
Wear resistant flooring  
Storage area above galley cupboards with stainless steel 316 fiddle

### Staterooms

Large windows offering excellent view  
Dedicated hanging locker  
Ample storage lockers  
Overhead LED ceiling lighting and floor courtesy lighting  
Overhead LED reading lights  
Full size beds in all staterooms  
150 mm/ 6 inch memory foam mattresses  
Wear resistant flooring  
Cabin door offering quiet and privacy

### **Heads and separate stall showers**

Quiet electric flush toilet with large bowl and push button control  
Private door leading into cabin  
Opening deck hatch offering ample ventilation  
Opening portlight  
Wash basin with single lever variable temperature faucet  
Corian countertop surrounding wash basin  
Vanity lockers with mirrors  
Flooring in GRP  
Separate shower stall with flexible shower faucet  
Separate shower compartment with shower sump cover  
Overhead fluorescent lighting  
Towel hooks, rails and rings

### **Navigation Area**

Navigation worksurface for charts and books  
AC/DC electrical panel with circuit breakers and transfer switches for all electrical systems - Inc ample spare breakers  
Dedicated display 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  
Light switch panel controlling all salon, galley and aft cockpit lighting

### **Water System**

Fresh water pressure pumps with accumulator tank offering equal water pressure throughout (2)  
Hot water cylinders (2) 13 Gal / 50 L total capacity  
Water tanks (2) 115 Gal / 440 L total capacity  
Cockpit shower, hot and cold water  
Electric bilge pumps with float switches & alarms  
Manual bilge pumps (2)

### **Waste System**

Holding tanks (2) 29 Gal / 110 L total capacity  
Black water tank  
Full lights located in heads  
Shower drain pumps

### **Electrical**

Port, starboard & stern lights navigation lights  
DC Panel 12v  
12v outlet sockets at switch panel (3)  
AC switch panel for shore power hook up  
AC double outlets in cabins, salon, galley & switch panel  
LED courtesy lights at stairways and on flybridge  
Shore side electrical system  
Fuel tank gauges at helm station (2)  
Engine starter batteries (2)  
Alternators (2)

### **Fuel system**

Diesel fuel system with racor water separation filters  
Dedicated fuel tank for each engine  
Fuel filters for engines and generator  
Aluminium fuel tanks with safety shut Off valves and level monitors at helmstation

### **Safety**

Automatic fire suppression heat activated system with alarm monitors at helmstation  
Fire blanket located in galley  
Emergency steering position with custom emergency tiller in 316 stainless steel  
Dedicated bow crash boxes in each hull  
All deck hatches fitted with latches and water proof