



2010 Fathom40 Specifications, Standards and Options

Specifications:

LOA.....40' 4"	Draft..... 42"	Standard Power.....425 hp	Fuel..... 400 Gal.
LWL.....36' 1"	Beam..... 14' 6"	Beam @ Water Line...11' 8"	Displacement..... 23,000 Lbs
Height with mast Down.....15' 9"		Gray Water.....45 Gal.	Black Water..... 45 Gal
Height with mast Extended..... 21'		Sleeping Capacity..... 4 – 6+	

Fathom40 "Tropical Edition"

9 kw Diesel Generator
 Air-conditioning with Reverse Cycle Heat
 Seaward "Princess" Ceramic top & Oven
 Glendenning Cable Master with (50Amp 240V) 70' Cable

Fathom40 "Polar Edition"

9 kw Diesel Generator
 Hydronic Heating system with Diesel Boiler
 Seaward 3 burner Propane Stove & Oven
 Glendenning Cable Master with (50Amp 120V) 70' Cable
 Propane "Safety" fuel system

Hull:

Efficient hydrodynamic hull with prop tunnel and non-inverted lifting chine
 Fiberglass infusion lamination of all laminated parts w/ vinylester barrier coat
 Sealed keel and double bottom in select locations
 Water tight forward crash compartment
 Synthetic coring in stringers, deck, and hull sides (above water line)
 Colored hull
 Black boot stripe
 2" Aquamet 22 stainless propeller shaft
 ZF nibral propeller tuned to class 1
 Manganese bronze rudder with stainless shaft
 8 Hp Side Power bow thruster with 4D AGM battery
 4 Hp Side Power stern thruster powered by house battery bank
 Marelon thru-hulls

Electrical

Tinned marine grade wire exceeding ABYC standards
 Pure sine wave inverter / charger
 Glendenning Cable Master reel with 70' cord
 Charles Industries shore power isolation transformer
 Charles Industries auto AC input selector switch (shore/gen)
 Automatic battery charging / parallel relay system
 DC power distribution panel with monitoring
 AC power distribution panel with monitoring
 Vimar switches and outlets
 4D AGM thruster / windlass battery
 6 - 6V AGM house batteries with 660 amp hour capacity
 4D AGM main engine start battery
 Group 27 generator start battery

Misc. Mechanical

Cummins QSB 425 hp common rail diesel engine
 ZF 280A gear
 Dripless shaft seal
 Fuel supply lines - USCG Type A1 fire resistant blue steel braid with JIC fittings
 Raw water supply lines - wire reinforced silicone long-life hoses
 400 gallon fuel capacity in two aluminum tanks with sight tubes
 1.5" fuel line crossover between tanks with valves
 Fuel level monitoring with Cummins Diesel View display at helms
 Racor 75-900 Max dual fuel filter with fuel manifold selector valve
 9 Kw Onan diesel generator
 Generator Sound Shield
 Generator gas / water separator exhaust system
 Racor 500 MA fuel filter for generator 11 gallon
 Reverso oil change system for main engine & generator
 11 Gallon Force 10 hot water heater
 Fireboy HFC-227 automatic fire suppression system
 2000 gallon / hour automatic bilge pump
 Marelon thru-hulls
 Diamond Sea-Glaze engineroom door with window & dogs
 Barrier acoustic insulation with white finish
 6 - engineroom lights
 Fluid containment pan under engine
 110v AC outlet (not from inverter)
 Molded liner with smooth finish & non-skid walking areas

45 gallon black water storage tank with SS deck pump-out fitting
 Sealand T12 black water discharge pump & thru-hull
 45 gallon gray water storage tank
 Sealand T12 gray water pump and thru-hull
 Sealand / Dometic TankWatch gray & black water monitoring
 2000 gallon automatic bilge pumps in fwd compartment & pantry
 Cruisaire 3 zone reverse cycle AC with 2-12K & 1-16K central chillers in engine room and digital control panels**
 Espar D1 0 3 zone hydronic diesel heating system & hot water*

Lazarette

135 gallons of water in two tanks with sight tubes
 Teleflex / Seastar / Capilano hydraulic steering system
 4 Hp Stern thruster
 Domestic water pump
 Two 1100 gallon / hour automatic bilge pumps
 Hydraulic autopilot pump with isolation valves

Mid Deck

2ea 10" stainless cleats
 2ea folding stainless cleats
 Port & starboard stainless fuel fill deck fittings
 Stainless black water pump-out deck fitting (stbd)

Aft Deck

Serving counter with stainless basin and Scandvik faucet
 LED courtesy lights
 Overhead halogen lights
 Stairs to the boat deck which lift to access mid-lazarette
 Port side, deck storage locker
 Folding 6.5' transom door with 316 stainless gas struts
 Port & starboard 10" stainless cleats
 Propane storage & 10 lb aluminum tank w/ solenoid valve*
 Large Lazarette hatch
 Swim step with aggressive non-skid
 Stainless boarding ladder deployable from the water

Mid Lazarette

100+ cubic feet of storage with door to engineroom
Overhead lighting

Fore Deck

1.25" 316 Stainless railings
Single stainless anchor roller
Lewmar V3 stainless anchor windlass with gypsy
Port & starboard 10" stainless cleats
Fiberglass deck hatch to the chain locker
Fresh water wash-down outlet
22" escape hatch from forward stateroom
LED deck lighting under pilothouse brow

Boat Deck

1.25" 316 Stainless railings
Stainless Flag staff holder
Aft running light
Molded mounting base for davit
Electronics mast with
Horn
Steaming light
Anchor light
Mast mounted halogen deck lights

Flybridge

Upper Helm Control station with:
Engine controls
Thruster controls
Smart Craft engine instrumentation
Windless Control
1 2v DC outlet Two
Helm chairs
Molded "L" bench seating w/ cushion set
Stainless railings
Wind venturi

Salon

USCG approved navigation lights
Diamond Sea-Glaze port, stbd. and aft opening windows w/ screens
Diamond Sea-Glaze aft salon door
Settee upholstered with Brisa Distressed in Buckskin color
High gloss teak dining table with dual pedestals
Settee conversion to bunk
DC panel with navigation and electronics breakers
Stereo Entertainment system w/ DVD
Sharp "Aquos" 26" Flat panel TV
HVAC duct
Synthetic teak & holly sole
11 0v AC outlets
Stainless steel handrails throughout
Overhead halogen lighting
LED valance lighting

Galley

Granite counters (Labradore Antique)
Synthetic teak & holly sole
Stainless single bowl sink
Chrome faucet
Seaward Cooktop and Oven (see appropriate edition)
Over counter microwave / outside venting hood
Nova Cool RFU9000 9.1 cubic foot AC / DC refrigerator / freezer
Overhead halogen lighting
Under counter LED lighting
Remote propane on / off switch & gas sensor*
GFCI protected 11 0v AC outlet
100+ cubic foot pantry storage under galley w/ light

Mid Stateroom

In-hull thermal-pane windows Double bunk with Slumber Ease mattress
Chrome headboard reading light
Overhead halogen lights
Large hanging locker
Under bed storage
HVAC duct
Cabinet for storage or optional washer / dryer
Carpeted sole
One 110v AC outlet above locker

Forward Stateroom

Oversized queen bunk w/ Slumber Ease mattress (storage under)
Two stainless opening portholes
Two headboard halogen reading lights
Overhead halogen cabin lights
Starboard closet
Port and starboard storage cabinets
Two under-bed storage drawers
Lewmar 22" escape hatch with retractable shade and bug screen
Two 110v AC outlets
HVAC duct
Carpeted sole

Pilothouse

Helm station with
Engine controls
Thruster controls
Windless control
Smart Craft engine instrumentation
Compass with light
Zwaardvis helm chair with armrests and upholstered in grey leather
Chart table with
Drawer underneath
Chart light
110v AC outlet
12v DC outlet
Large chart storage cabinet
High volume defroster
Three ROCA / IMTRA self parking wipers with fresh water washers
Overhead halogen & LED lighting
Diamond Sea-Glaze sliding starboard door w/ SS lockset
Port-side Diamond Sea-Glaze opening window w/ bug screen
Aft opening pilothouse windows
High gloss teak table
HVAC duct
Settee upholstered with Brisa Distressed in Buckskin color
Synthetic teak & holly on lower sole
Carpeted upper soles

Head

Access from hallway or master stateroom
Molded (hose-out) head with drain
In-hull thermal pane windows
Vanity with granite counter
Stainless basin and chrome faucet
Linen cabinet
Large Shower with tempered glass door
Chrome faucet w/ hand-shower / wand
Exhaust fan with overboard venting
Tecma head (toilet)
Sealand / Dometic TankWatch black & graywater monitoring system
GFCI 110v AC outlet
HVAC duct
Halogen lighting

Interior Misc.

Teak interior cabinetry with satin lacquer finish
Arched paneled teak man-doors
Coastal Sand colored finish on molded surfaces
LED courtesy lights

Factory Options

Office configuration in mid-stateroom
Steelhead 600 pound capacity davit
U-Line SS95 Ice maker
Washer / dryer combination with external venting
Electric stove & delete propane stove / fuel system (on Polar Pkg)
Propane stove / fuel system & delete electric stove (on Tropical Pkg)
Diamond Seaglaze hatch on boat deck companionway
Aft deck shower
Non Flybridge controls
Aft deck fresh water hose (Jabsco Hose Coil)
Foredeck salt water wash-down (changes std. fresh to salt)
Line cutter

(F) Flybridge Edition
(P) Pilothouse Edition
* With the Polar Edition model
* With the Tropical Edition model

*** Specifications, standards and options may vary or change