456 Motor Yacht

- LOA (w/platform): 45'9" (13.94 m)
- Beam: 15'4" (4.67 m)
- Draft: 5'5" (1.65 m)
- Bridge Clearance w/arch: 18'9" (5.72 m)
- Weight (w/fuel & water): 35,000 lbs. (15,876 kg)
- Water System: 132 U.S. gals. (499.67 liters)
- Waste System: 80 U.S. gals. (302.83 liters)
- Fuel System: 464 U.S. gals. (1,756.43 liters)
- Twin inboards (diesel): 6'6" (1.98 m)
- Cabin Headroom: 6 (8 optional)
**Standard Equipment**

**Construction**
- Structural engine mountings - reinforced stringer mountings with gusseted, welded perpendicular steel plates
- Fabricated aluminum floor frames with stainless steel stanchions
- Hand-laid, molded fiberglass components featuring composite laminate hull sides, decks, and cabin tops
- Molded fiberglass stringer system
- Maple wood bulkheads, cabinetry, and trim throughout cabin, with high gloss finish
- Solid fiberglass hull bottoms with Kynar substrates and Vinylester barrier coat
- Tinted, tempered safety glass frameless window systems
- Unitized deck and cabin top construction with integral aluminum truss reinforcement in cabin top structure

**Mechanical**
- Dripless shaft logs
- Exhaust mufflers - engines
- Exhaust mufflers - generator
- Fuel tanks - welded, baffled 5052 aluminum
- Hydraulic steering
- Propellers
- Propeller shafts - aquamet
- Rudders - 421 manganese bronze
- Outboard bearings - synthetic rubber composite
- Struts - 421 manganese bronze
- Trim tabs - stainless steel, hydraulic

**Electrical**
- AC/DC distribution panels with magnetic circuit breakers and integral generator and bilge blower controls; AC voltmeters; AC ammeters
- Batteries (3) - deep cycle, marine (12V)
- Battery chargers (2) - electronic, AC/DC converters
- External connectors - CATV, telephone
- Generator - 9.0 kW, diesel
- Ground Fault Circuit Interrupt (GFCI) protection - all 110V outlets
- Shore power connector - 50 amp
- Shore power cord - 50 ft.
- Wiring system - tinned copper strand wire, harnessed, color-coded, labeled, meets or exceeds ABYC standards

**Water & Waste Systems**
- Fresh water system - pressurized (12V)
- Fresh water storage tanks (2) - polyethylene, 100 gallons each
- Shower sump pumps (2) - automatic/manual operation
- Water and waste lines - constructed of molecularly cross-linked polyethylene
- Waste holding tanks (2) - with docksides pumpouts, 40 gallons each
- Water heater - 20 gallons (110V)

**Safety & Navigation**
- Anodes - zinc, sacrificial
- Battery master disconnect switches
- Battery selector switch
- Battery restraint boxes
- Bilge blowers (12V)
- Bilge pumps (3) - 1500 gph each, automatic/manual operation
- Brass valves for all underwater thru-hulls
- CO detectors in salon and staterooms
- Compass - illuminated
- Engine alarms - temperature and oil pressure
- Fire suppression system - automatic, FE241 (FM200 in European Community)
- Galvanic isolator/zinc saver
- Horns - dual, air/electric (12V), trumpet
- Internal bonding system
- Molded non-skid surfaces on all walk decks
- Navigation lights (COLREGS)

**Bridge**

**Command Bridge**
- Access doors (2) - provide access to wiring in forward bridge
- Beverage holders (4)
- Lights (2) - courtesy, recessed
- Lounge - forward, with self-draining storage beneath, accommodates 4 adults
- Self-draining walk surface
- Windshield - venturi-style, wraparound aluminum frame

**Helm**
- Access panels (2) - provide access to wiring in helm console
- Accessory panels (2) - 9.5” x 8.5” each, for installing navigation equipment
- Adapter - 12V
- Beverage holders (2) - integral, self-draining
- Companion seating - accommodates 4 adults
- DC distribution panel - bridge 12V systems
- Helm cover
- Helm seat - adjustable, high-quality marine grade upholstery, embroidery stitching
- Light - courtesy, recessed
- Seat covers

**Instrumentation**
- Gauges (1 set per engine - oil pressure, engine temperature, engine battery voltage, fuel levels, engine hours, rudder angle, and digital tachometer
- Rotary switch controls

**Deck**

**Aft Deck**
- 110V outlet - GFCI protected
- 105 ft² (approx.), integral to deck
- Bottle storage
- Command bridge stairway - integral to deck, with stainless steel hand rail
- Electronics arch - custom aluminum with acrylic polyurethane surface coating and UV protection
- Electronics arch access plates (3) - corrosion-resistant polymer attached with noncorroding screws and waterproof sealant
- Enclosure - vinyl/canvas
- Grab rail - 43.5” across front of wet bar
- Hardtop over entire aft deck
- Light - halogen, over wet bar, recessed
- Lights (2) - halogen, overhead, recessed, with exterior-mounted switch
- Transom door - fiberglass, steel frame, stainless steel latch
- Wet bar - self-draining designer countertop with integral sink, 26" x 22" preparation surface, and beverage holders
- Wing doors (2) - provide access to the side decks

**Side Decks**
- Bow rail - 1.25" O.D., lineal-buffed, welded stainless steel, with additional intermediate rail
- Bow rail stanchions - double-welded (inside and outside), stainless steel, anchored to aluminum backing plates laminated into deck
- Cleats (4) - 10" spring, stainless steel, through-bolted through aluminum backing plate
- Deck toe rail
- Grab rails (2) - 114" stainless steel, over cabin windows
- Rail gates (2) - port and starboard
- Rub rail molding - heavy-duty, stainless steel insert
- Side deck stairways (2) - integral to deck

**Fore Deck**
- Cleats (2) - 12" stainless steel, through-bolted through aluminum backing plate
- Cleat - 10" stainless steel for anchor line, through-bolted through aluminum backing plate
- Over-the-stem anchor roller
- Windshield weather covers - color-coordinated to canvas

**Engine Room**
- Bilges coated with white, low-VOC gelcoat
- Bulkheads laminated to hull sides and stringers

- Insulation - acoustical and thermal, vinyl vapor barrier
- Lights (9) - overhead, control mounted under access stairway

**Boarding Platform**
- 33 ft² (approx.), integral to hull and deck
- Aft deck stairway - integral, with stainless steel hand rail
- Boarding ladder - retractable, concealed under boarding platform
- Cleats (2) - 12" stainless steel, through-bolted through aluminum backing plate
- Grab rail - 11" stainless steel, near boarding ladder
- Hand rail - 99" stainless steel, across transom

**Salon**
- 110V outlets (2) - GFCI protected
- AC and DC distribution panels
- Cabin stairway - integral, with stainless steel hand rail
- Carpet - dynasty pile, 50 oz.
- Designer décor
- Entertainment group - TV, VCR, and 110V component stereo including receiver, CD player, and 2 speakers each in salon, master stateroom, and forward stateroom
- Entrance door - sliding, tinted glass in steel frame, double locks
- Fresh air fan (in lieu of air conditioning)
- Hanging locker - cedar-lined, 26" hanging bar, automatic light, carpeted
- Hardware highlights - brass/chrome
- Lights (2) - courtesy, recessed, on master stateroom stairway
- Lights (4) - courtesy, recessed, on cabin stairway
- Lights (6) - halogen, overhead, recessed
- Lounge - L-shaped
- Master stateroom stairway - integral
- Miniblinds - décor-matched
- Rocker light switches
- Rotary dimmer switch for lights over lounge

**Dinette**
- 110V outlets (2) - GFCI protected
- Carpet - dynasty pile, 50 oz.
- Designer décor
- Hardware highlights - brass/chrome
- Lights (5) - halogen, overhead, recessed
- Lounge - U-shaped (converts to double berth) or L-shaped, UltraLeather
- Miniblinds - décor-matched
- Rocker light switch
- Storage - beneath lounge
- Storage cabinet
- Table

**Galley**
- 110V outlets (2) - GFCI protected
- Designer décor
- Hardware highlights - brass/chrome
- Laminate wood plank flooring
- Light - over range, recessed
- Lights (2) - halogen, overhead, recessed
- Lights (2) - halogen, over countertop, recessed
- Microwave
- Miniblinds - décor-matched
- Oven - electric
- Range - electric, three-burner with stainless steel and solid surface bi-fold cover
- Refrigerator/freezer (upright)
- Rocker light switches
- Sink - 2 basin, integral, with solid surface covers
- Solid surface countertops
- Storage cabinets
- Storage drawers
- Storage - under sink, with additional access through countertop
- Waste container - in-countertop

**Master Stateroom**
- 110V outlets (3) - GFCI protected
- Bedside endtables (2) - solid surface top, storage beneath
• Berth - queen, inner-spring mattress, offset island
• Carpet - dynasty pile, 50 oz.
• Designer décor
• Dresser - integral, solid surface top, 3 drawers
• Entrance door - stainless steel hardware, secures closed
• Hand rail - 11.5” maple wood, on salon stairway
• Hanging lockers (3) - cedar-lined, 9” swivel and 29” hanging bars, automatic light, carpeted, 1 shelf
• Hardware highlights - brass/chrome
• Lights (2) - directable reading sconces
• Lights (3) - halogen, overhead, recessed
• Lounge - integral, double-wide, storage beneath
• Miniblinds - décor-matched
• Mirrored headboard
• Porch lights (2) - screened
• Rocker light switches
• Stereo speakers (2)
• Storage - beneath berth
• Storage cabinets (5)
• Storage shelves (3)
• Window - sliding, screened, in aft bulkhead

Master Head
• 110V outlet - GFCI protected
• Entrance door - dual, secure closed, stainless steel hardware
• Hardware highlights - brass/chrome
• Lights (5) - overhead, recessed
• Medicine cabinet - 3 mirrored doors, 2 shelves with restraining rails
• Porchlight
• Rocker light switches
• Towel bars (2) - 21.5” and 16.5” mounted on water closet door and shower stall door
• Towel sets (4) - bath towel, hand towel, and washcloth
• Vanity - integral sink, solid surface top, storage below with 2 doors

Water Closet
• Entrance door - frosted acrylic, secures closed
• Head fan
• Lights (2) - halogen, overhead, recessed
• Mirrored inboard bulkhead
• Storage cabinet
• Toilet - electric flush
• Toilet paper holder - wall-mounted

 Shower Stall
• Designer curtain - décor-matched
• Entrance door - frosted acrylic, lockable
• Hand shower - retractable, wall-mounted holding bracket
• Integral bench seat
• Lights (2) - halogen, overhead, recessed
• Porcelain - screened
• Shower accessories shelf - integral, stainless steel restraining rail

Forward Stateroom
• 110V outlets (2) - GFCI protected
• Access panel - provides access to anchor chain locker
• Bedside endables - solid surface top, storage beneath
• Berth - queen, island
• Carpet - dynasty pile, 50 oz.
• Designer décor
• Desk (Floor Plan B) - integral, solid surface top with overhead halogen light and 110V outlet
• Entrance door - stainless steel hardware, secures closed
• Hanging lockers (2) - cedar-lined, 21” and 19” hanging bars, automatic light, 1 shelf
• Hardware highlights - brass/chrome
• Lights (2) - directable reading sconces
• Lights (5) - halogen, overhead, recessed
• Miniblinds - décor-matched
• Overhead hatch - 20” diameter, lockable, inside screen, over berth
• Porchlights (2) - screened
• Rocker light switches
• Sheet set - fitted sheet, flat sheet, and two pillow cases

Step-ups next to berth
• Stereo speakers (2)
• Storage - beneath berth
• Storage drawers (2)

Guest Head
• 110V outlet - GFCI protected
• Accessories shelf - behind toilet, with restraining rail
• Brass/chrome sink fixtures
• Entrance doors (2) - one to forward stateroom and one to companionway, secure closed
• Hardware highlights - brass/chrome
• Lights (3) - overhead, recessed
• Medicine cabinet - mirrored, 2 shelves
• Rocker light switches
• Skylight - 17.5” diameter
• Toilet - electric flush, pedestal
• Toilet paper holder - mounted under sink
• Towel bar - 18” door-mounted
• Vanity - solid surface top, 2 shelves below with 2 doors

Shower Stall
• Entrance door - bi-fold, glass in aluminum frame, secures open
• Light - halogen, overhead, recessed
• Porchlight - screened
• Shower accessories shelves (2) - with restraining rail
• Shower head - retractable
• Tub/shower combination (Floor Plan A)

Third Stateroom (Floor Plan A)
• 110V outlet - GFCI protected
• Berth - single
• Carpet - dynasty pile, 50 oz.
• Designer décor
• Entrance door - secures closed
• Hardware highlights - brass/chrome
• Lights - halogen, overhead, recessed
• Porchlight - screened
• Rocker light switch
• Storage
<table>
<thead>
<tr>
<th>Owner Preference Items</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Propulsion</strong></td>
</tr>
<tr>
<td>Diesel Engines</td>
</tr>
<tr>
<td>- Cummins 330B with air separator</td>
</tr>
<tr>
<td>- Cummins 450C with air separator</td>
</tr>
<tr>
<td>- Volvo TAMD 74P EDC with synchronizer</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
</tr>
<tr>
<td>- Bow thruster</td>
</tr>
<tr>
<td>- Engine oil change system</td>
</tr>
<tr>
<td>- Hydraulic engine controls</td>
</tr>
<tr>
<td><strong>Electronic Engine Controls</strong></td>
</tr>
<tr>
<td>- For Cummins 330B or 450C engines</td>
</tr>
<tr>
<td>- For Volvo TAMD 74P EDC engines</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
</tr>
<tr>
<td>- Cablemaster</td>
</tr>
<tr>
<td><strong>Generator</strong></td>
</tr>
<tr>
<td>- Kohler 13.5 kW - diesel</td>
</tr>
<tr>
<td>- Westerbeke 12.5 kW - diesel</td>
</tr>
<tr>
<td><strong>50 Amp Shore Power Adaptor</strong></td>
</tr>
<tr>
<td>- 1 adaptor</td>
</tr>
<tr>
<td>- 2 adaptors</td>
</tr>
<tr>
<td><strong>Water &amp; Waste Systems</strong></td>
</tr>
<tr>
<td>- After tank overboard discharge with pump</td>
</tr>
<tr>
<td>- Fresh water tank level monitor</td>
</tr>
<tr>
<td>- Grey water holding system (not available with water system upgrade)</td>
</tr>
<tr>
<td>- Hot and cold transom handshower</td>
</tr>
<tr>
<td>- Shore water connection</td>
</tr>
<tr>
<td>- Waste tank level monitor</td>
</tr>
<tr>
<td>- Water system upgrade (additional 20 gallons fresh water capacity)</td>
</tr>
<tr>
<td><strong>Transoms and Bows Washdowns</strong></td>
</tr>
<tr>
<td>- Both fresh and seawater</td>
</tr>
<tr>
<td>- Fresh water</td>
</tr>
<tr>
<td>- Seawater</td>
</tr>
<tr>
<td><strong>Head</strong></td>
</tr>
<tr>
<td>- Electric flush - fresh water</td>
</tr>
<tr>
<td>- Vacuum flush</td>
</tr>
<tr>
<td><strong>Safety &amp; Navigation</strong></td>
</tr>
<tr>
<td>- Bow fender racks</td>
</tr>
<tr>
<td>- Maxwell 1200 VWC Lo Profile windlass with 44 lb. anchor and 200 ft. of 5/16&quot; chain</td>
</tr>
<tr>
<td>- Nibral propellers</td>
</tr>
<tr>
<td>- Portable fire extinguisher</td>
</tr>
<tr>
<td>- Single station spotlight</td>
</tr>
<tr>
<td><strong>Spare Propellers and Shaft</strong></td>
</tr>
<tr>
<td>- For Cummins 330B or 450C engines</td>
</tr>
<tr>
<td>- For Cummins 330B or 450C engines with nibral propellers</td>
</tr>
<tr>
<td>- For Volvo TAMD 74P EDC engines</td>
</tr>
<tr>
<td><strong>Exterior Amenities</strong></td>
</tr>
<tr>
<td>- Air conditioning (32,000 BTU) with reverse cycle heat, for bridge and aft deck (available only with the hard front and side bridge enclosure and the hard side and hard back aft deck enclosure)</td>
</tr>
<tr>
<td>- Bridge hardtop</td>
</tr>
<tr>
<td>- Carpet</td>
</tr>
<tr>
<td>- Foredeck sunpad</td>
</tr>
<tr>
<td>- Full canvas with exterior carpet</td>
</tr>
<tr>
<td>- Hardtop connector - aft deck hardtop to arch window</td>
</tr>
<tr>
<td>- Stereo - AM/FM receiver with CD player, CD changer, and 4 speakers (upper cabinet required)</td>
</tr>
<tr>
<td>- Transom storage locker (required with propane stove)</td>
</tr>
<tr>
<td>- Upper cabinet - above wet bar, with CATV connector</td>
</tr>
<tr>
<td><strong>Canvas Color</strong></td>
</tr>
<tr>
<td>- Black Sunbrella</td>
</tr>
<tr>
<td>- White Sunbrella</td>
</tr>
<tr>
<td>- Captain’s navy</td>
</tr>
<tr>
<td>- Toast</td>
</tr>
<tr>
<td><strong>Aft Deck Enclosure</strong></td>
</tr>
<tr>
<td>- Hard side and soft back</td>
</tr>
<tr>
<td>- Hard side and hard back</td>
</tr>
<tr>
<td><strong>Bridge Enclosure (available only with bridge hardtop)</strong></td>
</tr>
<tr>
<td>- Soft</td>
</tr>
<tr>
<td>- Hard front with wiper</td>
</tr>
<tr>
<td>- Hard front and side with wiper</td>
</tr>
<tr>
<td><strong>Wet Bar</strong></td>
</tr>
<tr>
<td>- With icemaker</td>
</tr>
<tr>
<td>- With refrigerator</td>
</tr>
<tr>
<td>- With icemaker and refrigerator</td>
</tr>
<tr>
<td><strong>Cabin Amenities - Galley</strong></td>
</tr>
<tr>
<td>- Air conditioning (38,000 BTU) with reverse cycle heat, dual shore power connectors</td>
</tr>
<tr>
<td>- Central vacuum system</td>
</tr>
<tr>
<td>- Dinette table - Floor Plan B</td>
</tr>
<tr>
<td>- Intercom system - 4 station</td>
</tr>
<tr>
<td>- Pillow set - decorator, 6-piece</td>
</tr>
<tr>
<td>- Stereo - standard + surround sound system</td>
</tr>
<tr>
<td>- Teak wood interior with satin finish</td>
</tr>
<tr>
<td><strong>Décor</strong></td>
</tr>
<tr>
<td>- Artisan Springs</td>
</tr>
<tr>
<td>- Cityscape</td>
</tr>
<tr>
<td>- Garden Terrace</td>
</tr>
<tr>
<td><strong>Cabin Amenities - Salon</strong></td>
</tr>
<tr>
<td>- Beige</td>
</tr>
<tr>
<td>- Blue (available only with Artisan Springs décor)</td>
</tr>
<tr>
<td><strong>Countertop Color</strong></td>
</tr>
<tr>
<td>- Black</td>
</tr>
<tr>
<td>- Blue</td>
</tr>
<tr>
<td>- Green</td>
</tr>
<tr>
<td>- Neutral</td>
</tr>
<tr>
<td><strong>UltraLeather Color</strong></td>
</tr>
<tr>
<td>- Coordinated</td>
</tr>
<tr>
<td>- Neutral (buff)</td>
</tr>
<tr>
<td><strong>Base Floor Plan</strong></td>
</tr>
<tr>
<td>- Floor Plan A (3 staterooms)</td>
</tr>
<tr>
<td>- Floor Plan B (2 staterooms)</td>
</tr>
<tr>
<td><strong>Floor Plan A Dinette Seating</strong></td>
</tr>
<tr>
<td>- L-shaped</td>
</tr>
<tr>
<td>- U-shaped</td>
</tr>
<tr>
<td><strong>Floor Plan B Dinette Seating</strong></td>
</tr>
<tr>
<td>- 4 chairs</td>
</tr>
<tr>
<td>- Reverse L-shaped with table (not available with Floor Plan B dinette table)</td>
</tr>
<tr>
<td><strong>Floor Plan B Sofa</strong></td>
</tr>
<tr>
<td>- None</td>
</tr>
<tr>
<td>- L-shaped, Flexsteel, UltraLeather, with Magic Bed, incliner, and chaise</td>
</tr>
<tr>
<td>- L-shaped, Flexsteel, UltraLeather, with double incliners, single incliner, and chaise</td>
</tr>
<tr>
<td><strong>Interior Cabin Doors</strong></td>
</tr>
<tr>
<td>- Color-matched</td>
</tr>
<tr>
<td>- Maple wood - solid, natural finish</td>
</tr>
<tr>
<td>- Teak wood - solid</td>
</tr>
<tr>
<td><strong>Cabin Amenities - Forward &amp; Aft</strong></td>
</tr>
<tr>
<td>- TV - 15&quot; color with remote control, in forward stateroom</td>
</tr>
<tr>
<td>- TV - 20&quot; color with remote control, in master stateroom</td>
</tr>
<tr>
<td>- Washer/dryer - combination (available only for Floor Plan A)</td>
</tr>
<tr>
<td>- Washer/dryer - stacked (available only for Floor Plan B)</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
</tr>
<tr>
<td>- Loading charge</td>
</tr>
<tr>
<td>- Shipping cradle</td>
</tr>
<tr>
<td>- Shrink wrap</td>
</tr>
</tbody>
</table>