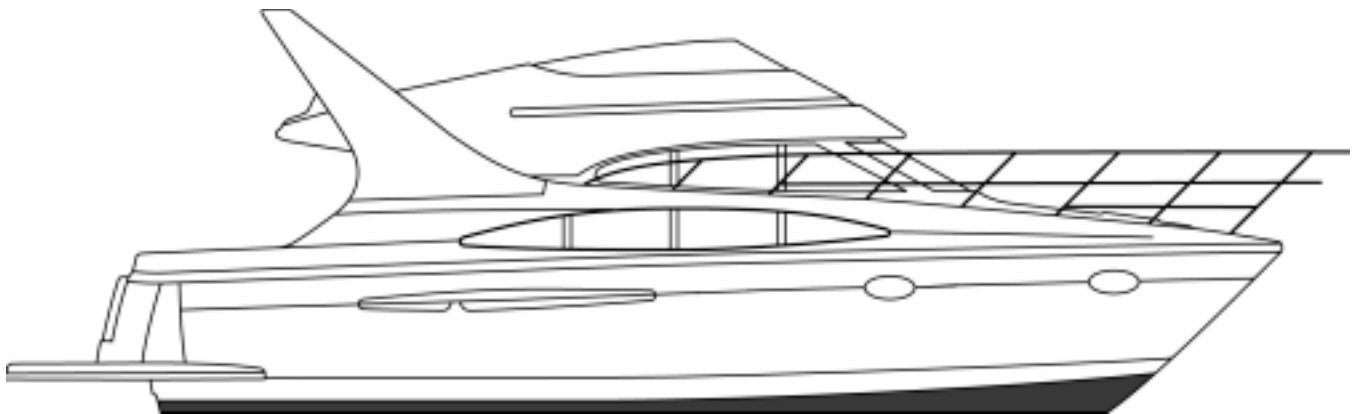




# 420 MARINER

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**CARVER**<sup>®</sup>  
YACHTS



# 420 MARINER

## SPECIFICATIONS

LOA (w/platform) .....	44'5" .....	13,54 m
Beam .....	13'11" .....	4,24 m
Draft .....	32" .....	0,81 m
Bridge Clearance w/arch .....	19'2" .....	5,84 m
Weight (w/fuel & water) .....	31,280 lbs. ....	14188,61 kg
Water System .....	95 U.S. gals. ....	359,61 liters
Waste System .....	35 U.S. gals. ....	132,49 liters
Fuel System .....	400 gals. ....	1514,16 liters
Twin inboards (gas or diesel)		
Cabin Headroom .....	6'11" .....	2,11 m
Sleeps .....	4 (6 optional)	





## STANDARD FEATURES

### CONSTRUCTION

- Structural engine mountings - reinforced stringer mountings with gusseted, angle steel plates
- Fabricated aluminum floor frames with stainless steel stanchions
- Hand-laid, molded fiberglass components featuring composite laminate hullsides, decks, and cabintops
- Molded fiberglass stringer system
- Cherry wood bulkheads, cabinetry, trim, and doors throughout cabin, with high-gloss finish
- Solid fiberglass hull bottoms with Knytex substrates and Vinylester barrier coat
- Tinted, tempered safety glass frameless window systems
- Unitized deck, cockpit, and cabintop construction with integral aluminum truss reinforcement in cabintop structure

### MECHANICAL

- Air conditioning - 3-zone, 35,000 BTU; with reverse cycle heat; dedicated shore power connector
- Cutlass bearings - synthetic rubber composite
- Dripless shaft logs
- Exhaust mufflers - engines, generator
- Fuel tanks - welded, baffled 5052 aluminum
- Hydraulic steering
- Propellers - manufacturer-certified
- Propeller shafts - aquamet
- Rudders - 421 manganese bronze
- Struts - 421 manganese bronze
- Trim tabs - stainless steel, hydraulic

### ELECTRICAL

- AC/DC distribution panels with magnetic circuit breakers and integral bilge blower controls; AC and DC voltmeters; AC and DC ammeters

- Batteries (4) - deep cycle, marine (12V)
- Battery chargers (2) - electronic, AC-DC converters
- External connectors - CATV, telephone
- Generator - 10.0 kW, gasoline
- Ground Fault Circuit Interrupt (GFCI) protection - all 110V outlets
- Shore power connectors (2) - 50 amp
- Shore power cords (2) - 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), with large-capacity filter
- Fresh water storage tank - polyethylene
- Fresh water tank level monitor
- Shore water connection with pressure-reduction valve
- Shower sump pump - automatic/manual operation
- Waste holding tank - with filtered vent and dockside pumpout
- Waste tank level monitor
- Water and waste lines - constructed of molecularly cross-linked polyethylene
- Water heater - 11 gallons (110V)

### SAFETY & NAVIGATION

- Anodes - zinc, sacrificial
- Battery master disconnect switches
- Battery restraint brackets
- Bilge alarms (2) - high water
- 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, dual-read

- Engine alarms - temperature and oil pressure
- Fire suppression system - automatic, FE241 (FM200 in European Community)
- Galvanic isolator/zinc saver
- Horn - air/electric (12V), trumpet
- Internal bonding system
- Molded nonskid surfaces on all walk decks - diamond pattern
- Navigation lights (COLREGS)
- Spotlight
- Windlass package - with 35 lb. anchor and 150 ft. of 5/16" chain

### BRIDGE

#### Command Bridge

- 110V outlet - GFCI protected
- Beverage holders (4) - recessed in table, integral, self-draining
- Lights (2) - halogen, courtesy, recessed, with exterior-mounted switch
- Lounge - wraparound, with storage beneath, accommodates 6 adults
- Self-draining walk surface
- Table - kidney-shaped, recessed top
- Telephone connector
- Wet bar - self-draining under-mounted sink, solid surface countertop, 3 recessed cup/bottle holders, 2 storage areas beneath, stainless steel grab rail across front and side

#### Helm

- Access panel - provides access to wiring below helm
- Accessory space - for installing navigation equipment
- Adapter - 12V
- Companion seats (2) - adjustable, pedestal base, high-quality marine-grade upholstery, embroidery stitching
- Dash - fiberglass with faux leather accents



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- DC distribution panel - bridge 12V systems
- Grab rails (2) - stainless steel, on either end of helm
- Helm seat - adjustable, pedestal base, high-quality marine-grade upholstery, embroidery stitching
- Lights (2) - halogen, courtesy, recessed
- Stereo speakers (2) - pre-wired
- Tilt steering wheel
- Windshield - tinted, wraparound, aluminum frame

## Instrumentation

- Displays (1 for each engine) - digital LCD; tachometer, hour-meter
- Gauge - analog; synchronizer, rudder angle
- Multigauges (1 for each engine) - analog; oil pressure, engine temperature, engine battery voltage, fuel level
- Rocker switch controls

## DECK

### Side Decks

- Bow rail - 1.0" O.D., lineal-buffed, welded stainless steel, with additional intermediate rail amidships and forward
- Bow rail stanchions - double-welded (inside and outside), stainless steel, anchored to aluminum backing plates laminated into deck
- Cleats (4) - 10" spring, stainless steel, bolted through aluminum backing plate
- Command bridge stairway - integral to deck with stainless steel hand rail
- Deck toe rail
- Electronics arch - custom aluminum with acrylic polyurethane surface coating and UV protection
- Electronics arch access plates (13) - corrosion-resistant polymer attached with noncorroding screws and waterproof sealant

- Grab rail - stainless steel, over cabin windows, running length of cabin and above windshields
- Rub rail molding - heavy-duty, stainless steel insert

### Fore Deck

- Cleats (2) - 12" stainless steel, bolted through aluminum backing plate
- Cleat - 12" stainless steel, for anchor line, bolted through aluminum backing plate
- Deck toe rails (2) - stainless steel
- Locker - in-deck, self-draining, for fender storage and anchor chain
- Over-the-stem anchor roller

### COCKPIT

- 76 ft<sup>2</sup> (approx.), integral to deck, self-draining
- 110V outlet - GFCI protected
- Boarding access from port or starboard
- Cleats (2) - 12" stainless steel, through-bolted through aluminum backing plate, inboard-mounted with stainless steel hawse pipes
- Hand rail - 1.0" OD, stainless steel, across transom
- Hatch - guttered, supported by gas shock, provides access to aft bilge
- Lights (7) - halogen, courtesy, recessed, with exterior-mounted switch
- Lights (4) - halogen, overhead, recessed, with exterior-mounted switch
- Lockers (2) - double doors, in port and starboard weatherboards
- Overhead sun/weather protection - 40" from cabin toward stern
- Side deck stairways (2) - integral to deck with stainless steel grab rail
- Transom door - aluminum, secures open and closed, stainless steel hardware

### ENGINE ROOM

- Bilges coated with white, low-VOC gelcoat
- Bulkheads laminated to hull sides and stringers
- Catwalk - carpeted
- Insulation - acoustical and thermal, vinyl vapor barrier
- Lights (4) - halogen, overhead, controls mounted in salon

### BOARDING PLATFORM

- 34 ft<sup>2</sup> (approx.), integral to hull and deck
- Boarding ladder - telescoping, conceals in boarding platform
- Grab rails (2) - stainless steel, mounted above boarding ladder
- Hatch - covers shore power cord(s) and shore water hose
- Storage lockers (2) - transom

### SALON

- 110V outlet - GFCI protected
- AC and DC distribution panels
- Carpet - tufted cut pile, 65 oz., crush-resistant, 100% nylon
- Chairs (2) - Flexsteel, tub-style
- Countertops - sapele pommele wood inlay with cherry wood sea rail
- Curtains - décor-matched
- Décor package - 10-piece decorator pillow set
- Designer décor
- End table - sapele pommele inlay with cherry wood trim top, cherry cabinet below
- Entertainment group - 20" TV and DVD, AM/FM/CD stereo, satellite radio system, 2 speakers each in salon, master stateroom
- Entrance door - aluminum frame, curved, sliding, 73" x 40," handle lock, deadbolt, with interior screen
- Floor access hatches - engine room
- Hardware highlights - brass/chrome
- Lights (9) - halogen, overhead, recessed
- Rocker light switches



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- Sofa - Flexsteel, with double incliners
- Stereo speakers (2)
- Storage cabinets (2)
- Telephone connector
- Vented center windows (2)

## **GALLEY**

- 110V outlet - GFCI protected
- Coffeemaker
- Countertops - solid surface
- Curtains - décor-matched
- Designer décor
- Flooring - wood plank
- Hardware highlights - brass/ chrome
- Light - halogen, over countertop
- Oven - convection / microwave, built-in
- Range - electric, 2-burner, smooth top
- Refrigerator/freezer - side-by-side, under countertop
- Rocker light switch
- Sink - stainless steel, under-mounted
- Storage cabinets (3)
- Storage compartment - beneath hinged floor hatch, carpeted with 4 built-in drawers
- Storage drawers (5)

## **DINETTE**

- Carpet - tufted cut pile, 65 oz., crush-resistant, 100% nylon
- Curtains - décor-matched
- Lights (4) - halogen, overhead, recessed
- Lounge - U-shaped, with storage beneath
- Rocker light switch
- Table - sapele pommele wood inlay top with cherry wood sea rail; stainless steel leg

## **MASTER STATEROOM**

- 110V outlets (2) - GFCI protected
- Berth - queen
- Berth step-ups (2) - carpeted
- Carpet - tufted cut pile, 65 oz., crush-resistant, 100% nylon
- Curtains - décor-matched

- Designer décor
- Entrance door - 2-panel, solid cherry wood frame with sapele pommele panels exterior, cherry wood panels interior, secures open and closed, stainless steel hardware
- Hanging lockers (2) - cedar-lined, automatic light, sapele pommele door
- Hardware highlights - brass/ chrome
- Ledges (2) - cherry wood, sapele pommele wood inlay with cherry wood sea rail top
- Lights (3) - halogen, overhead, recessed
- Lights (2) - incandescent, sconce, with dimmer
- Mirrored headboard
- Overhead hatch - translucent, lockable, inside screen
- Portlights (2) - with screen
- Rocker light switches
- Sheet set - embroidered, fitted sheet, flat sheet, two pillow cases
- Stereo speakers (2) - with volume control
- Storage cabinets (8)
- Storage drawers (2)
- Telephone connector

## **HEAD**

- 110V outlet - GFCI protected
- Clothes hook - wall-mounted
- Entrance doors (2) - one to master stateroom (2-panel cherry wood) and one to companionway (2-panel, solid cherry wood frame with sapele pommele panels exterior, cherry wood panels interior), secure closed, integral doorstop, stainless steel hardware
- Hardware highlights - brass/ chrome
- Head fan
- Lights (2) - halogen, overhead, recessed
- Medicine cabinet - mirrored fascia and door, 3 shelves
- Nonskid sole
- Rocker light switches

- Soap dish - frosted glass, wall-mounted
- Soffit - cherry wood, mirrored bottom, over vanity
- Toilet - vacuum flush, pedestal
- Toilet paper holder - mounted in vanity
- Towel ring
- Towel set - bath towel, hand towel, washcloth
- Vanity - solid surface top and backsplash, undermounted sink, 2 shelves beneath 2 with doors

## **Shower Stall**

- Bench seat - integral
- Entrance door - clear acrylic in aluminum frame with matching sidelight, bi-fold, secures open and closed
- Light - halogen, overhead, recessed
- Nonskid sole
- Portlight - privacy glass, with screen
- Shower head - removable for use as handshower
- Storage cabinets (2) - mirrored doors
- Towel bar

## **GUEST STATEROOM**

- 110V outlet - GFCI protected
- Berth - double, converts to twins with removable center filler
- Carpet - tufted cut pile, 65 oz., crush-resistant, 100% nylon
- Countertops - sapele pommele wood inlay with cherry wood sea rail
- Curtains - décor-matched
- Designer décor
- Entrance door - 2-panel, solid cherry wood frame with sapele pommele panels exterior, cherry wood panels interior, secures closed, stainless steel hardware
- Hanging locker - cedar-lined, carpeted
- Lights (2) - halogen, overhead, recessed



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- Lights (2) - incandescent, sconce, with dimmer
- Mirrored headboard
- Portlight - with screen
- Rocker light switch
- Sheet set - embroidered, fitted sheet, flat sheet, two pillow cases
- Storage - beneath mattress
- Storage cabinets (2)
- Storage drawers (3)



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## OWNER PREFERENCE ITEMS

### PROPULSION

- Fresh water cooling (available only with gasoline engines)

### Gasoline Engines

- Crusader 8.1 MPI
- MerCruiser 8.1 S Horizon
- Volvo 8.1Gi

### Diesel Engines

- Cummins 280B
- Cummins 330B
- Cummins 370B
- Volvo TAMD 63L
- Volvo TAMD 63P
- Volvo TAMD 75P EDC

### MECHANICAL

- Bow thruster
- Electronic controls with synchronizer - bridge helm
- Engine oil change system
- Internal seawater strainers

### ELECTRICAL

- Cablemaster for shore power

### Generator

- Kohler 10.0 kW - diesel
- Onan 11.5 kW - diesel

### WATER & WASTE SYSTEMS

- Grey water holding system (not available with Volvo diesel engines)
- Hot and cold transom handshower

- Waste tank overboard discharge with pump

### Transom and Bow Washdowns

- Both fresh and seawater
- Fresh water
- Seawater

### SAFETY & NAVIGATION

- Electronics package
- Fender racks
- Tender package - Zodiac 310 Rib inflatable with 9.9hp Yamaha engine and davit system

### Spare Propellers and Shaft

- For gasoline engines
- For diesel engines

### EXTERIOR AMENITIES

- Carpet
- Foredeck sunpad
- Helm and seat covers
- Refrigerator/icemaker for wet bar
- Stereo - AM/FM/CD changer, antenna, speakers

### Canvas

- "Prestige" bimini top
- "Prestige" full canvas with carpet

### Canvas Color

- Black Sunbrella
- White Sunbrella
- Captain's navy
- Toast

### DÉCOR

#### Ensemble

- Caramel (earth tones)
- Celadon (light green)

#### Coordinated Countertops

- Black magic (black)
- Harvest moon (tan)
- Savannah (neutral)

#### Interior Seating Material/Color

- Brisa silk
- Ultraleather pecan

#### Carpet

- Beige
- Golden brown

### CABIN AMENITIES - SALON

- Central vacuum system
- Intercom - 3 stations
- Lounge - with storage beneath (starboard side)
- Pillow set - decorator, 6-piece
- Stereo addition - remote-mounted 6-disc CD player
- Table - S-shaped cherry wood base with glass top

### Port Side Furniture (in lieu of tub-style chairs and end table)

- Sofa - Flexsteel, with double incliners
- Sofa - Flexsteel, with storage
- Sofa - Flexsteel, with stowaway bed



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## **CABIN AMENITIES - GALLEY**

- Refrigerator - upright

## **CABIN AMENITIES - FORWARD**

- TV and DVD - 15" color LCD, in master stateroom
- TV and DVD - 10" color LCD, in guest stateroom

## **MISCELLANEOUS**

- Loading charge
- Shipping cradle
- Shrink wrap



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