

Back Cove 412 Standard Equipment List

2025 Model Year

Length Overall	46' 1"	14.05 m
Beam (overall)	14' 0"	4.27 m
Draft (running gear)	3' 9"	1.14 m
Displacement (full load)	29,500 lbs	13.38 t
Fuel	400 usg	1514 L
Water	160 usg	606 L
Holding	55 usg	208 L
Air Draft (w/mast)	13' 2"	4.01 m

Hull

- Back Cove white iso-npg gelcoat w/ vinylester backup resin
- VIP Resin Infused Hull w/ PVC foam core hull bottom
- VIP Resin Infused foam core stringer system
- Advanced prop pocket hull design
- Painted boot stripe
- Molded cove stripe depression w/ "gold or silver leaf" style stripe and Back Cove Heron

Deck

- Back Cove white gelcoat w/graystone anti-skid on walking surfaces
- VIP resin infused balsa core sandwich structure
- Mooring cleats forward, aft and mid-ship (aft cleats are pull-up style)
- Stainless steel anchor roller weldment
- Anchor locker w/ ground tackle storage
- 24V electric anchor windlass w/control at helm & foot switches on deck
- Stainless steel flagstaff receiver
- Removable burgee staff
- LED hard top mounted running lights
- LED all-around anchor/ nav light on hard top
- Side deck door at helm
- Teak accent stripe on cabin side
- Custom 1-1/4" 316L stainless steel perimeter rail
- SS handrails concealed under hardtop, port, and starboard
- Compressed air horn on hardtop (mast optional)
- (6) opening port lights w/ insect screens and blinds
- Port & starboard molded steps leading to side and fore deck
- Cockpit hatches to lazarette and engine room
- Molded quarter seating in cockpit w/ storage, port, and starboard
- Transom door on centerline
- Swim platform w/ SS under-mount swim ladder on starboard side
- Hot and cold cockpit shower
- Self draining cockpit
- Pop-up cleats on swim platform (for tender)
- Cockpit grab rails behind cockpit seats on coaming (4)
- 6.5 inch, 200 Watt Fusion speakers (aft of salon door)

Fuel System

- 400 US gallon fuel capacity w/ (2) 2" flip-tab deck fill (P&S)
- (2) 200 gallon vented cross-linked polyethylene fuel tanks (P&S) with shut off valves
- Racor fuel/water separators for engine and generator

Mechanical Systems

- Volvo D8 600 mhp electronic controlled engine w/ ZF gear
- 2.25" Aquamet shaft
- 4 Blade NiBrAl propeller
- PSS Dripless shaft log
- Binnacle mount electronic single lever engine control
- Volvo engine display
- Bronze sea valve on engine intake
- Marelon sea valves on underwater thru hulls
- Bronze raw water strainer on engine, generator and AC intakes
- Bronze external strainer on engine and air conditioner intakes
- 8" exhaust with two-stage horizontal muffler
- Electric dual actuator trim tabs w/ helm position indicator
- SeaStar hydraulic steering w/ tilt helm pump
- Sleipner bow thruster w/ joystick control (SE100)
- Sleipner stern thruster w/ joystick control (SE100)
- Hot and cold pressurized water
- 11 gallon water heater w/ heat exchanger, tempering valve and pressure relief valve plumbed to thru-hull
- Xintex-Fireboy automatic, clean agent fire extinguishing system in engine room w/ manual backup
- Air conditioning w/ reverse cycle heat 38kBTU (combined salon and cabin)

- Portable fire extinguishers in all accommodation spaces

Electrical Systems

- AC/DC control panels with polarity indicator
- 24Vdc system battery management switching
- 24Vdc 110 amp engine alternator
- 12Vdc breaker for electronics supplies fuse block behind helm pod
- Emergency battery bank cross-over switch (ACR)
- 240Vac 50 amp shore power inlet w/power 50ft cord reel
- 120/240Vac shore power system ELCI protected
- Galvanic isolator
- 9.0 kW genset with sound shield and water/exhaust separator
- GFI protected 120Vac outlets
- 60 Amp battery charger
- House bank = (2) 4D AGM house batteries wired in series – 24Vdc
- Engine bank = (4) Group 31 AGM batteries wired in series then parallel – 24Vdc
- (4) 24Vdc automatic bilge pumps and (2) bilge high water alarms
- Bonding system w/ zinc transom anode
- Mechanical/utility space LED lighting
- Cockpit courtesy lights switched at transom door and helm
- Guest cabin courtesy lights switched at guest berth and helm
- Owner cabin courtesy lights switched at helm and island berth
- Overhead LED lights w/ dimmer control in cabins, salon and cockpit
- Overhead bi-color LED light at helm station
- 12Vdc outlets at helm, guest cabin, and master stateroom
- Battery powered salon and cabin smoke detectors
- Hard-wired CO detectors in cabin and salon

Owner's Head / Sanitary System

- Head to starboard w/ separate shower stall
- Molded seat in shower stall w/ wet storage beneath
- Built-in vanity w/ sink and storage
- Lewmar hatch w/ OCEANair Skyscreen
- (2) Stainless steel opening ports w/ insect screens and shades
- Cherry framed mirror
- Solid surface countertop
- Single lever faucet
- Shower-drain sump pump system
- Full size fresh water electric MSD
- Waste and fresh water level gauge
- Macerator for holding tank overboard discharge (as permitted)
- Holding tank pump out fitting on deck
- Sealed overhead LED lighting (w/ dimmer control)
- Powered exhaust fan

Day Head

- Built-in vanity w/ sink and storage
- Lewmar hatch w/ OCEANair Skyscreen
- Stainless steel opening port w/ insect screen and shade
- Cherry framed mirror
- Full length mirror on door
- Solid surface countertop
- Single lever pull-out faucet (doubles as shower wand)
- Shower-drain sump pump system
- Full size fresh water electric MSD
- Sealed overhead LED lighting (w/ dimmer control)
- Powered exhaust fan

Helm Deck / Salon Area

- Frameless glass direct bond windows w/opening side windows
- Opening, framed center window
- Locking salon door w/ powered window to starboard
- (3) windshield wipers w/fresh water wash and intermittent control
- (2) Lewmar sliding hatch w/ OCEANair Skyscreen
- Compass, illuminated
- 20" wood grain steering wheel
- (2) Liebroc helm and mate's seats
- Adjustable, sloping footrests at both helm seats
- Cherry dash and upholstered helm pod
- Mates lounge to port
- Large bilge storage below helm sole, access by gas strut assisted hatch
- Large engine room hatch opens by electric linear actuator

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- Convertible dinette to starboard w/ (2) Back Cove high gloss inlaid tables
- Molded headliner with padded panel inserts
- SiriusXM ready Fusion stereo (w/ Bluetooth and NMEA2k)
- 6.5 inch, 200 Watt Fusion speakers
- Flip down 32" LED Smart TV in headliner cabinet
- "Teak and Holly" high pressure laminate sole w/ surface texture
- Charging station (AC/DC/USB)
- RG6 coax cables run from TV's to helm storage room

Helm Deck Galley

- Electric, induction two burner cook-top
- Galley, two-drawer style AC/DC SS "All-in-One" fridge-freezer
- Under helm seat, single drawer style AC/DC SS fridge designed to hold tall or short beverages
- Large SS galley sink w/ single lever faucet & drop in cover
- Solid surface countertop
- Under-counter convection microwave
- Drawer and door storage below counter
- Utensil drawer
- Trash and recycling container pull out drawer
- Overhead storage lockers
- "Teak and Holly" style high pressure laminate sole w/ surface texture
- Towel ring above sink

Owner's Stateroom

- Cherry interior on molded composite hull liner
- (2) Lewmar hatches w/ OCEANair Skyscreen
- (2) Stainless steel opening ports w/ insect screens
- "Teak and Holly" high pressure laminate sole w/ surface texture
- Molded headliner with padded panel inserts
- Island queen berth w/ drawers and storage below
- 8" polyurethane/latex mattress
- Lockers outboard above berth (P&S)
- Cherry hull ceilings and headboard
- Cedar lined hanging locker to port
- Multi drawer bureau w/ dovetailed drawers to starboard
- Reading Lights on berth headboard
- LED overhead lighting with dimmer control
- 27" Samsung M5 FHD Smart Monitor streaming TV
- Charging station (AC/DC/USB)
- 6.5 inch, 200 Watt Fusion speakers

Guest Stateroom

- Cherry interior on molded composite hull liner
- Overhead skylight with shade
- Stainless steel opening port w/ insect screen
- "Teak and Holly" high pressure laminate sole w/ surface texture
- Molded headliner with padded panel inserts
- Queen berth w/ access to plumbing and air conditioning below
- 8" polyurethane/latex mattress
- Cedar lined hanging locker
- Berth-side table
- LED overhead lighting with dimmer control
- Reading Lights (2)
- Charging station (AC/DC/USB)