



ALERION EXPRESS 38

SPECIFICATIONS

2018

Length Overall	38' 3"
Length Waterline	30' 1"
Beam	10' 8"
Draft	5' 11"
Air Draft	56' 3"
Displacement	13,000 lbs.
Ballast	6,000 lbs.
Sail Area	810 sq. ft.
Sail Area/Disp	23.5
Aux. Engine	40 hp. Volvo diesel w/Saildrive

Hull

- Infusion-molded GRP with biaxial and unidirectional E-glass reinforcing fabrics
- End grain balsa core
- Vinyl ester resin gelcoat reinforcing layer
- White gelcoat hull color
- Molded and tapered single gelcoat bootstripe
- Keel floors, keel sump, engine bed, mast step and longitudinal stringers are integrally molded with the hull during the infusion process
- Marine grade plywood structural bulkheads bonded to the hull and deck w/Plexus
- Epoxy barrier coat plus antifouling bottom paint

Deck

- Resin-infused GRP sandwich structure with biaxial reinforcing fabrics and end grain balsa
- White deck with molded buff nonskid
- Removable teak cockpit table finished with high-gloss, two-part varnish with flush base in sole
- Esthec synthetic teak cockpit sole
- Flange type hull to deck joint bonded with Plexus
- Full-length teak toerail

Keel

- Fin with integral bulb for low center of gravity
- One-piece lead casting alloyed with antimony, bolted to molded keel sump with 1" diameter 316 grade stainless steel bolts

Steering

- Edson 336 211T pedestal steering w/48" teak wheel
- Stainless steel rudder shaft with composite rudder blade
- Balanced spade rudder with elliptical blade
- Low maintenance, self-aligning bearings

Mast and Boom

- Carbon-fiber Offshore Spars mast
- (2) Sets of aluminum spreaders
- Hoyt Jib boom
- Aluminum boom
- "Moon dust" Awlgrip finish on booms and mast
- Rigid boom vang
- Lazy jack mainsail system
- G-10 mast step
- Steaming light
- Masthead anchor light
- Windex

Standing Rigging

- Navtec Nitronic 50 continuous rod rigging
- Stainless steel headstay tang integral with stemhead fitting chainplates
- Stainless steel main chainplates through-bolted to interior structure

Running Rigging

- Main halyard led below deck to cockpit
- Jib halyard led below deck to cockpit
- Mainsheet led below deck to cockpit
- Jib sheet led below deck to cockpit
- Jib furling and mainsail outhaul lines led below deck to cockpit
- Single-line reefing line led below deck to cockpit
- Mainsheet traveler lines led below deck to cockpit
- Cunningham and vang adjustments led into cockpit



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Interior

- All interior teak is varnished
- Molded white tongue & groove style ceiling & sides
- Solid teak doors with plywood panels
- Laminated teak door frames
- Varnished teak trim
- Varnished teak and holly cabin sole
- Interior cushions for v berth, settees and backrests all in owner's choice of color
- Furniture is wood laminate covered plywood with varnished teak corner posts and fiddle rails
- The interior joinery underside is sealed with epoxy
- Removable plywood/vinyl panels with teak trim
- Wood laminate bulkheads with teak trim
- Wood laminate locker interiors/bunk tops and shelves

Forward Cabin

- V berth with storage under berth
- Deck hatch
- 4" Laminated foam cushions
- Overhead LED lighting
- Bureaus to port and starboard with two drawers and storage

Main Cabin

- Teak table finished with high-gloss, two-part varnish and fitted with foldout leaves
- Settees port and starboard
- Shelves outboard of settees
- Varnished teak and holly cabin sole with access to bilge
- Hanging locker, aft to port
- Storage cabinet located behind the starboard settee
- Overhead LED lighting

Galley

- Isotherm DI 40 DC top-loading refrigerator
- LPG two-burner stove w/oven
- Corian counter tops
- Stainless steel sink
- Hot/cold mixing faucet
- Storage lockers outboard
- Overhead LED lighting

Head

- White molded GRP pan
- Marine toilet with Y valve
- Combination shower/sink faucet
- Stainless steel sink
- Storage lockers outboard
- Vanity with locker, mirror
- Overhead LED lighting
- Deck hatch
- Teak grate floor

Electrical

- 12 volt DC System designed to ABYC
- All wiring is tin-plated to inhibit corrosion
- All wiring is coded for ease of identification
- Bonding system
- DC master panel with analog meter and magnetic circuit breakers
- Electrical panel on port side settee in main cabin
- Xantrex battery monitor
- Battery switch
- (2) 4D Gel cell batteries
- (4) LED reading lights
- Combination navigation light at stemhead
- Stern light
- Anchor light



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Engine

- 40 hp Volvo diesel with Saildrive
- Gori two-blade folding propeller
- Integrated GRP engine bed and oil pan
- Through-transom wet exhaust
- Waterlock muffler
- Single lever engine control
- Neutral safety switch

Tankage

- 26 Gallon aluminum fuel tank
- 45 Gallon PVC fresh water tank
- 6 Gallon water heater with engine heat exchanger
- 18 Gallon polypropylene holding tank

Plumbing

- Hot and cold pressure water service to galley and head compartment
- Accumulator tank
- Manual bilge pump
- Electric bilge pump with float switch

Deck Hardware & Equipment

- (3) brushed aluminum deck hatches over forward and main cabin
- Vent hatch over head compartment
- (6) Stainless steel elliptical port lights
- Custom stainless steel stemhead fitting
- Teak handrails on cabin house top
- (4) 10" Stainless steel mooring cleats
- (2) 8" Stainless steel midship mooring cleats
- Companionway sliding hatch with seahood and Lexan washboards
- Molded GRP seat lockers
- Molded GRP gas locker with 1x10 lb. aluminum LPG tank
- Port and starboard cockpit coaming bins
- Electric primary winches
- (2) 2x10" locking winch handles

Deck Hardware & Equipment (continued)

- Rope clutches: Lewmar Superlock
- 6:1 mainsheet traveler w/track, cars and cockpit control lines
- Running rigging blocks
- Deck fills for fuel and water tanks
- Holding tank pump out deck plate
- Ritchie binnacle-mounted magnetic compass
- Self-draining cockpit with port and starboard drains
- 48" Teak ensign staff & flag
- Companionway and cockpit hatch locks
- (2) Deck plate keys
- Bilge pump w/handle
- Owner's manual
- Equipment manuals (owner's manuals for builder - installed equipment, pumps, winches, etc)
- Flush-mount safety re-boarding ladder

Optional Equipment

- Bow/stern pulpits with lifelines and gates
- Cockpit shower
- Teak deck
- Shoal draft keel (5')
- Flip-up berths in main salon (port & starboard)
- Slide-out berth in main salon (port only)
- Cockpit cover/wheel cover
- Dodger with side curtain
- Swim ladder
- Sail Away Kit (PFDs, docklines, fenders w/covers, anchor w/rode)
- Asymmetric downwind sail package
- Shorepower with battery charger
- Hella Turbo fans in forepeak berth and cabin
- Electronics per Owner specification

** All specifications are subject to change without notice*