



AFT FUEL TANK

45' Open Specifications

viking		— YACHT COMPANY — NEW GRETN, NEW JERSEY			
TITLE		VIKING 45' OPEN			
SCALE	N/A	CAD	ENG	CKD	APR
DATE	8/1/06-7/31/07			DWG No.	REV



45' Open

Length, overall (L.O.A.)

45' 10" (13.97 meters)

Length, overall (including bow pulpit)

49' 7" (15.11 meters)

Waterline length (L.O.W.)

40' 0" (12.19 meters)

Beam

16' 4" (4.99 meters)

Deadrise (at transom)

15°

Draft (X)

4' 6" (1.37 meters)

Freeboard, forward (X)

5' 6" (1.68 meters)

Freeboard, aft (X)

2' 10" (0.86 meters)

Height, waterline to top of: console (X)

9' 0" (2.74 meters)

hatchtop (X)

10' 7" (3.22 meters)

masthead light

12' 9" (3.88 meters)

Gross weight (standard fuel load) (D)(X)

49,750 pounds (22,566 kilograms)

Fuel capacity (B)

848 gallons (3,210 liters)

Water capacity (B)

150 gallons (568 liters)

Holding tank capacity (B)

50 gallons (190 liters)

Cockpit area

119 square feet (11.06 square meters)

CONSTRUCTION

- Ablative/Copolymer anti-fouling bottom paint, 2 coats, primed
- Awlgrip engine room for enhanced visibility and easier maintenance
- Blister resistant modified epoxy resin in entire hull skin
- Custom blended polyester resin used in structural laminates, topsides, bridges, and hardtops
- Fiberglass fuel tank with fiberglass baffles inside and balsa coring on sides for stiffness, sealed to hull with a resin foam
- Fiberglass freshwater tank, reinforced
- Fiberglass holding tank with dockside and overboard pump out
- High performance isophthalic gelcoat npg superior gloss, flexibility and outstanding weathering characteristics
- Hull interior, isophthalic gelcoat top-coated with a durable high gloss polyurethane coating
- Laminated end-grain balsa core in hull side and top sides
- Molded fiberglass salon floor/engine room ceiling with Divynicell core for acoustical and thermal insulation
- Solid reinforced keel
- Stringers, fiberglass encapsulated foam
- Vacuum bagged composite bulkheads – Main engine room bulkhead, intermediate engine room bulkheads, and forward bulkhead

MECHANICAL

- Air conditioning – zoned with reverse cycle heat for complete climate control throughout the interior
- Bilge pumps with additional dryout pumps in keel area linked into monitoring system and connected to float switches for automatic and manual operation
- D/C pressurized fresh water system with on deck fresh water fill and cockpit dockside supply inlet with pressure reducing valve

ELECTRICAL (continued)

- Voltage stabilizer isolation transformers for more consistent, cleaner voltage

BRIDGE DECK

- Connection lug for single side band grounding
- Controls: Top mounted single lever electronic controls with station select and keypad
- Fire system control with automatic and manual discharge and override system located at console
- Fuel gauge located in cabinet at console
- Gauges/electronic displays supplied by engine manufacturer
- Handrails, powder-coated aluminum effectively positioned
- Helm seat, companion seats, Murray Product, teak, ladder back with 4" pedestals and removable cushions and covers, adjustable
- Instrumentation based on standard engine package, lighted with switches in radio box
- Lighted compass, large and flush-mounted on centerline
- L-shaped lounge seating with vinyl covered foam cushion, hinged for storage under seats
- Manual engine shutdown switches at cabinet in console
- Moritz safety monitoring system with audible and visible alarms: fire, engine room temperature, high bilge water, high exhaust temperature, high coolant temperature, low oil pressure, and generator as well as confirming correct system operation
- Non-slip deck for traction and durability
- Power assist steering with steering junction block under helm for future stations/autopilot
- Recessed electronics boxes in console for custom electronics package that is easily viewable and protected from the elements by acrylic fitted lids with gaskets and stainless steel gas pistons
- Recessed radio box, large radio box on port side of console with switch panel inside
- Refrigerator/icemaker in starboard cabinet

SALON (continued)

- Stereo speakers – multi-directional, mid/high range with powered subwoofer for base and with volume control, recessed in and painted to match headliner
- Stereo system with Sharp A9405 color flat screen TV with antenna, DVD/VCR combo units
- Teak cabinetry
- Vinyl Amtico flooring at salon door entrance

GALLEY

- Electric range, recessed in counter top with Corian lids and automatic shut off switch when lids are in place
- Exhaust fan, high velocity
- Galley countertop, high-gloss bone-color Corian
- Garbage disposal in sink
- Lights, overhead Halogen lights and fluorescent lighting
- Majilite headliner, natural color, 1/8" foam & tricot backing
- Microwave/convection oven located in upper galley cabinet
- Refrigerator and freezer, large capacity under-counter style
- Sink, bone-color Corian recessed in countertop with biscuit galley faucet
- Storage cabinets in upper galley, varnished teak doors
- Storage cabinets and drawers in lower galley, varnished teak doors and faces with stowage for stove lids, utensils, and other items
- Vinyl floor
- Water tank level gauge and pump indicator

MASTER STATEROOM (FORWARD)

- Air conditioning with reverse cycle heat with temperature control
- Bedspread – quilted, designer style
- Carpeting
- Drawer storage under bed, (2) large drawers
- Hanging lockers, teak, maple-lined



Notations:

- Delta T" engine room ventilation system with supply and discharge fans for proper fresh air supply and water intrusion suppression
- Engine room entrance package consisting of gauges for digital tachometer, engine water temperature, engine oil pressure, and engine room mounted engine start and stop switches for easier viewing and accessibility
- External sea strainers for main engine pick-ups
- Fire suppression system, automatically or manually operated and tied into main engine and generator ignition systems with override
- Fresh water supply in engine room for general maintenance and cleaning
- Fresh water manifold isolation system
- Fuel and oil lines, flexible, steel reinforced USCG approved, aircraft type
- Fuel priming pumps for main engines, manual
- Fuel transfer system, 24V DC pump
- Hour meters on main engines and generator
- Internal sea strainers for generator, air conditioning and all other sea water pickups
- Mufflers – engines and generator, in-line type with surge tubes in engine room
- Oil changing system, gear type pump for main engines, transmissions, and generator
- PEX plumbing, fresh water system plumbing
- Power assist hydraulic steering with steering junction block under helm for future stations/autopilot
- Propellers, Nibral
- Racor fuel/water separator filters for main engines and generator, glass bowl type, top-loading for convenient replacing
- Rudders, stainless steel with dripless thru-water and Tides Marine UHMW bearing for ease of maintenance
- Seacocks, bronze, ball-type sea valves and strainers for all thru-hulls below the water line
- Shafts – 2 Aquamet high-strength stainless steel, double-taper with machined keyway and cushion thrust plate at main engine couplings
- Structural steel engine beds mounted to transverse intermediate bulkheads to isolate torque and vibration/engine noise and ensure drive-train alignment
- Struts – thru-water, Nibral, laser targeted installation

- Stereo speakers, tied into stereo system in salon with volume control in radio box
- Storage cabinet
- Trim tab control switch mounted at console
- Trumpet style air horns, (2)
- VHF radio with antenna and mounts
- Windshield, raised wraparound front and sides and tempered glass and integrated enclosure track
- Windshield wipers/washers

- Boarding box, fiberglass with non-slip, lift up top and storage
- Cable TV and telephone connections located in starboard dock cabinet and wired to a home run
- RG6 TV cable to accommodate satellite system
- Phone cable is CAT-5 to accommodate current data phone systems
- Cabinet with storage for gaffs and or other accessories located under starboard forward gunwale
- Dockside electric connection – 50 amp/220 volt electric retractable Glendinning Cablemaster, located in starboard cabinet under forward gunwale
- Dockside water connection with pressure reducing valve in port or starboard cabinet under forward gunwale
- Engine room access with door and with non-slip steps to engine room
- Freshwater wash down with hose bib located in cabinet under forward gunwale
- Gaskets for all lids, doors and access doors
- Hawse pipes
- Indirect rope lighting under coaming
- Insulated soda box under-mounted in command deck step for direct access from cockpit
- Laminated mounting plate in-deck for future fighting chair or table
- Lazarette hatch with access to steering, trim tabs, drain pumps, and with spare prop storage
- Molded in in-deck storage boxes on either side of fishbox for optional livewell and/or ice box
- Molded non-slip deck

- Island double bed with mattress and lift up top with gas pistons and maple-lined storage underneath
- Lighting, overhead halogen lights and decorative indirect rope lighting from underneath bed platform
- Majilite headliner, natural color, 1/8" foam & tricot backing
- Pillow shams, (2)
- Reading lights, overhead with separate switches
- Sheets, (1 set), fitted cotton fabric
- TV, Sharp 15" LCD flat-screen mounted on wall

- Air conditioning with reverse cycle heat
- Bedspreads – quilted, designer style
- Carpeting
- Hanging locker, maple-lined
- Lighting, overhead Halogen lights and courtesy rope lighting underneath lower bunk rail
- Majilite headliner, natural color, 1/8" foam & tricot backing
- Pillow shams, (2)
- Sheets and pillows, (1 set), fitted cotton fabric
- Stereo speakers recessed in soffit tied into salon stereo with volume control
- Storage drawer located under hanging locker
- Upper and lower berths with lift up lower bunk top and maple-lined storage underneath

- Air conditioning/heat with vent in soffit
- Electric head
- Exhaust fan with vent soffit
- Linen storage
- Lower vanity with teak face
- Lights, overhead Halogen lights recessed in soffit and in ceiling
- Medicine cabinet with mirrored doors
- One-piece molded bone Corian counter top with rounded edges and with sink with brass faucet
- Receptacle, 120V



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- Anchor constructed with a high-tensile, corrosion resistant aluminum magnesium alloy
- Anchor locker with access from foredeck
- Anchor rode
- Bow rail, anodized aluminum, brushed finish
- Fire extinguishers, (5)
- Mooring lines, braided nylon, (6)
- SSB grounded shield
- Stainless steel bow, spring and stern cleats thru-bolted to aluminum backing plates
- Zinc on transom



45' Open

NOTES:

This specification sheet is subject to change.

- A** The right is reserved to make changes, without notice, at any time, in equipment, materials, prices and specifications. Line drawings and photos may show some optional equipment.
- B** Capacities of tanks are estimates and usable volume will vary depending upon conditions.
- C** These prices apply only if order is placed prior to boat going into production. Prices are for standard installation only. Custom work is extra cost.
- D** Weight shown is calculated with fuel, water and holding tanks full.
- E** Prices available through Dealer.
- H** Includes credit for standard.
- J** Must be ordered 90 days prior to start date.
- K** Requires F/B hardtop.
- N** Includes life jackets (6 adult), life ring (21"), flare kit, fenders: 10" (2), engine oil, deck mop, deck brush, bucket, hose, nozzle, fuel filters: engine and generator, raw water pump impeller for main engine (1), boat soap (1 qt.) and bilge cleaner (1 qt.).
- R** Generator is not intended to supply power for all standard and optional accessories. Load must be limited to generator output rating.
- S** In order to offer the full range of decor, selections are required with initial order.
- W** Standard manual pump will prime injection pump.
- X** Measured with largest engines available, full fuel and full water.

OPTIONAL EQUIPMENT (A) (C) (S)

STANDARD POWER: MAN V8 900CRM:900MHP

TWO STATEROOM (Plan B) 4,525

COCKPIT

Live well in cockpit sole 1,850
 Refrigerated step box 3,040
 Swim platform & ladder 4,940
 Transom custom lettering POR
 Transom std. lettering 950
 Transom mounted fish box 2,800

DECK/EXTERIOR

Bow Pulpit 3,890
 Life raft, Coastal (6 man) 4,425
 Search & rescue (6 man) 6,700
 Windlass, Lewmar V2SS w/50' chain, 250' rope 4,695

DECOR(S)

Applied bedspread and shams, MSR (IPO STD) 550
 Custom Decor (H) POR
 Decor mini accessory kit 2,600
 Decor maxi accessory kit 4,900
 Luxury edition 3,825
 Premier edition 8,550
 Sofa, upgraded style POR
 Wall covering, custom (J) POR

BRIDGE DECK

Custom helm pod w/stainless wheel 4,260
 Electronic single lever controls for pod 2,320
 Electronic trolling valves 4,260
 Helm Air 7,100

MASTER STATEROOM

Stereo/CD player, (12V) 860
 Telephone (additional outlet) each 365

GUEST STATEROOM - PORT

Stereo/CD player, (12V) 860
 Telephone (additional outlet) each 365
 Television (outlet only) each 485
 TV, 15" color flat screen 1,450

DELIVERY

Cradle 3,240
 Fuel & freight (E) Additional
 Propellers, (spare), and removal/installation tool..... 14,810
 Truck packing 3,190
 Water delivery kit (N) w/tool set 1,100

ENGINE ROOM

Fuel system priming pumps 1,445

OPTIONAL POWER

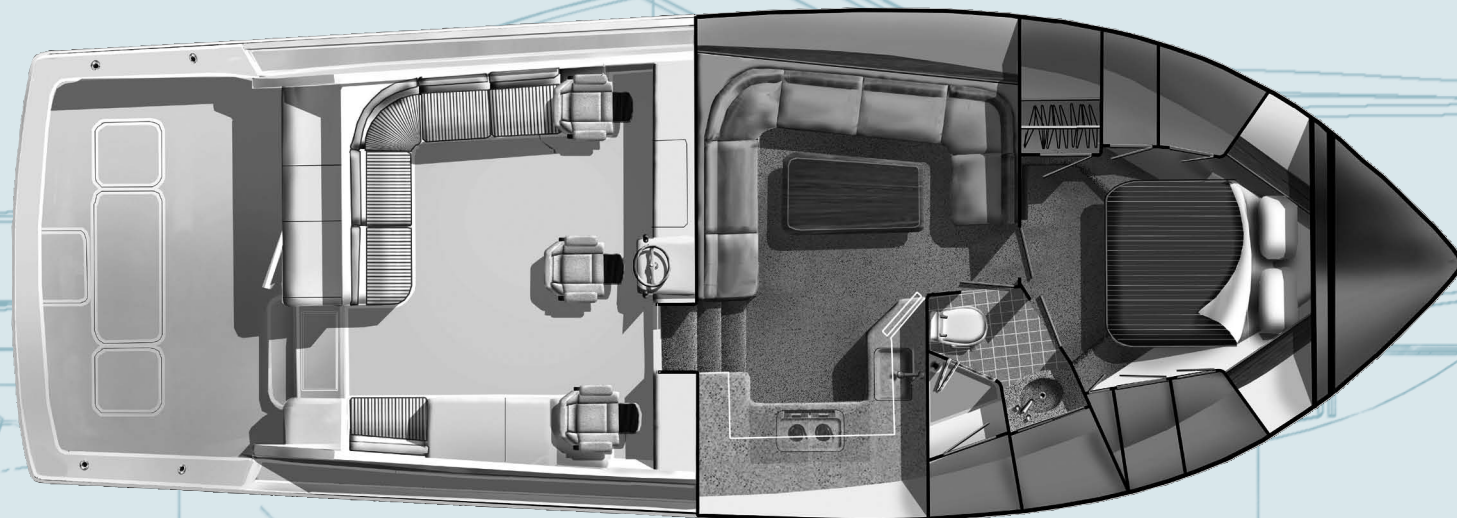
MAN V10 1100CRM:1100MHP + \$60,000 NET



45' Open

VIKING YACHTS ONE YEAR LIMITED WARRANTY

Viking provides a 12 month limited warranty to the original purchaser. Certain restrictions apply. Ask your dealer for a copy.



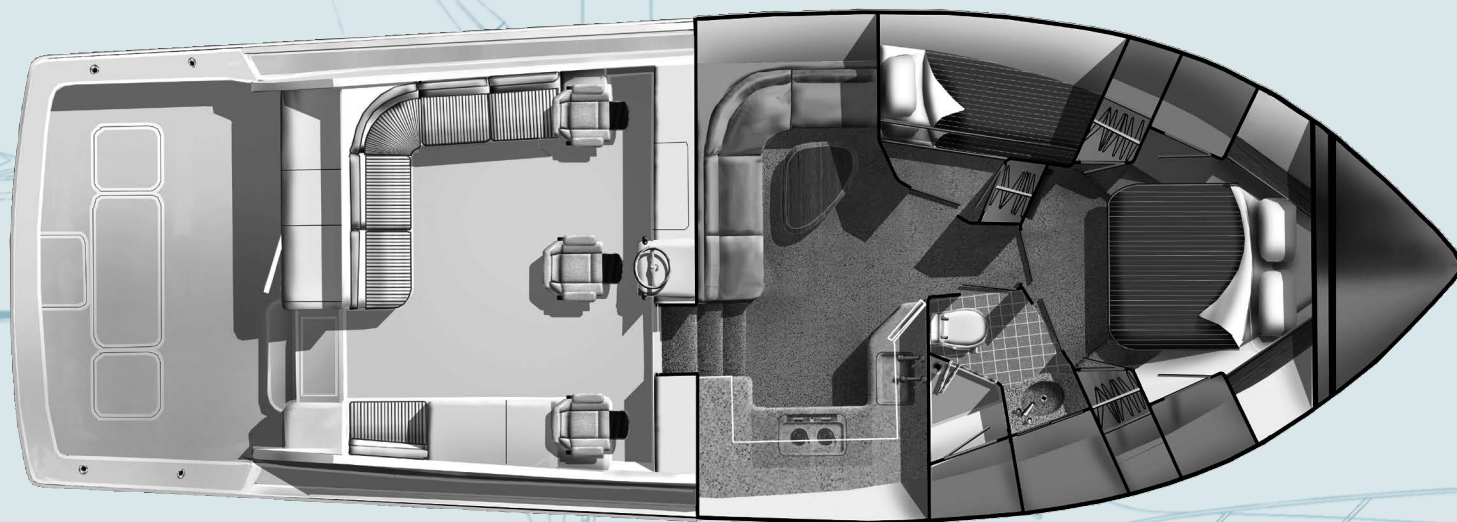
Standard Single Stateroom Layout

AFT FUEL TANK

WATER TANK

STD. HOLDING TANK

FWD FUEL TANK



Optional Two Stateroom Layout

Route 9 "On the Bass River"
New Gretna, NJ 08224

(609) 296-6000
(609) 296-3956 Fax

www.VikingYachts.com