

31 STANDARD EQUIPMENT*



Rendering may show both
Standards and Options



252.482.3837
Edenton, North Carolina
regulatormarine.com

Power & Ride

- Twin White Yamaha XTO Offshore® 450 4-Stroke Engines with DES Tilt Helm, DEC, EX Autopilot with Waypoint Deceleration, and Electronic Key Switch with Wireless Key Fob
- Seakeeper Ride™ Underway Stabilization System

T-Top, Helm & Electronics

- Fiberglass T-Top with Surfboard Edges, Electronics Box, Integrated Navigation/Dock Lighting, Spreader Lights, and Multi-Colored LED Lights – Complete with Integrated, Vented, Wraparound Windshield and Windshield Wiper/Washer
- White Powder Coat Package
- Factory-Installed Garmin® Offshore Package: Two 16" GPSMAP® 8616XSV Multi-Touch Widescreen Chartplotter/Sonar Displays, VHF 215 AIS Radio with Dual 8' Antennas, GMR™ 424 xHD 4kW Open-Array Radar, Airmar® B275LHW with Wide Beam 1kW CHIRP Transducer, Plus Black Flushmount Electronics Face and Remote Mic
- Yamaha Next Generation Digital Boat Control System with Digital Electric Steering (DES) Tilt Helm, Multifunction Digital Electronic Control (DEC), EX Autopilot with Waypoint Deceleration, Electronic Key Switches (EKS) with Wireless Fob, and WiFi-Enabled CL5™ Multifunction Touchscreen Display
- Ritchie® SuperSport Compass
- Fusion® Apollo 770 Marine Stereo with AM/FM/WB, SiriusXM® Ready, Wi-Fi Audio Streaming, Apple AirPlay 2, Bluetooth®, Integrated DSP, and (4) Backlit Speakers throughout Deck & Cockpit
- Siren 3 Pro "Connected Boat" Alert and Access System
- EZ-View Flushmount Electronic Mounting Face with Access in Head Compartment
- Illuminated Glove Box with Fiberglass Lid
- Recessed Upholstered Console Storage Trays with Dash Brow
- Integrated Switch Panel with LED Push Button Switches
- Stainless Steel Edson™ Wheel with Power Knob
- USB Charging Ports at Helm and in Forward Seating Area

Console Interior

- Triple Battery System with Switches and Marine Batteries
- Vented Port Light in Console
- Stand-Up Head Compartment with Electric Head, 6 gal. Holding Tank, Interior Lighting, Mirror, and Electric Tank Pumpout
- Solid Surface Countertop with Sink
- (6) Vertical Rod Holders
- Chilewich Flooring in Console

Deck & Cockpit

- Forward Deck Anchor Locker with Overboard Drain
- Self-Bailing Cockpit with Stainless Steel Scuppers
- Stainless Steel Through-Hull Fittings
- Starboard Boarding and Dive Door with Removable Folding Ladder
- Oversized Bilge Compartment with Guttered, Watertight Lazarette Hatch for easy access to Gel-Finished Bilge & Equipment
- 35 gal. Freshwater System with Wash Down and Transom Shower
- Cockpit Freshwater Engine Flush
- Stainless Steel Hose Coil Racks (2) for Raw Water and Freshwater Wash Downs
- Molded Non-Skid Horizontal Surfaces
- 360° Coaming Pads
- Stainless Steel Hardware Through-Bolted with Elastic Stop Nuts
- (2) Pull-Up Bow Cleats, (2) Spring Cleats/Hawse Pipes Midship, (2) Stern Cleats/Hawse Pipes in Transom
- Engine Bracket with Boarding Ladder

Seating

- Forward Seating with Magnetic Cushions, Integrated Flip-Up Backrests (2) and Center Seat Dry Storage – Insulated, Illuminated
- Upholstered Forward Console Seating for Two with Built-In Insulated Cooler
- 3X Deluxe Tackle Center with Upholstered Helm Seating for Two with Armrests, Flip-Up Bolsters, and Individual Folding Footrests with SoftGrip Foot Rail; Seatback with (2) Cup Holders and Rocket Launcher; Sink, Wash Down & Bait Prep Cutting Board; (6) Medium Plano® Trays; and (2) Tackle Drawers in Cabinet
- Integrated Flush-Folding Transom Seat

Fishing Equipment

- Dual Forward Seat Fishboxes/Dry Storage – Insulated and Illuminated with Overboard Drains, and Center Forward Dry Storage Tub – Insulated and Illuminated
- Raw Water Wash Down & Livewell Plumbing
- Forward In-Deck Fishbox – Insulated, Illuminated, and Macerated with Locking Rod Storage (*Holds 6 Rods*)
- Transom Fishbox – Insulated, Illuminated
- Transom Livewell – Insulated, Illuminated
- (6) Stainless Steel Aft Gunwale Conventional Rod Holders

*Some standards may be upgraded based on the options you choose.

SPECIFICATIONS

LOA.....	31' 4"
LOA w/ Bracket & Engines	36' 5"
Beam.....	10' 4"
Height in Head.....	78"
Bridge Height*	121"
Height from Keel*	146"
Dry Weight w/ Engines.....	11,140 lbs
Fuel Capacity.....	300 gal
Deadrise	24 Degrees
Draft.....	26.5" Engines Up
Draft.....	35.5" Engines Down
Center Forward Storage.....	230 qts
Fwd Seat Fishbox/ Dry Storage (2).....	210 qts ea
In-Deck Fishbox/ Locking Rod Storage	500 qts
Console Cooler Seat	74 qts
Head w/ Holding Tank.....	6 gal
Freshwater Tank.....	35 gal
Transom Livewell.....	36 gal
Transom Fishbox.....	228 qts

* Measurement is to tallest
available option (48" Radar Array)



252.482.3837
Edenton, North Carolina
regulatormarine.com

31 OPTIONAL EQUIPMENT

Exterior Colors

- Featured or Custom Hull Color – Entire Hull or Sides Only
- Bracket with Matching Gelcoat Color
- Bracket with Synthetic Teak Marine Decking
- Black Powder Coat Package

Power & Systems

- Twin White Yamaha XTO Offshore® 450 4-Stroke Engines with DES Tilt Helm, DEC, EX Autopilot with Waypoint Deceleration, and Electronic Key Switch with Wireless Key Fob plus Helm Master™ EX Joystick with Multimode Set Point™
- Seakeeper® 2 Gyro Stabilization System with 100-Amp Battery Charger
- Seakeeper® 2 Gyro Stabilization System READY *(for Future Installation)*
- 36-Amp Battery Charger with 25' Cord *(Not Available with Optional Seakeeper®)*

T-Top & Tower

- T-Top Rocket Launcher
- GEMLUX® Bluewater Outrigger Bases with Lee's Ultima 22' Carbon Fiber Outrigger Poles & Rigging Management System
- T-Top Underside to Match Hull Sides
- T-Top Underside Different Than Hull Sides
- T-Top Storage Compartment

Seating & Upholstery

- 3X Deluxe Mezzanine Tackle Center w Aft- Facing Mezzanine Seating for Two with Recessed Footrest, Folding Armrests with (2) Cup Holders, and Tackle Storage. Option to add Dual-Flanking Seatside Rocket Launchers** *(Compatible with Seakeeper® 2 & Seakeeper® READY Options)*
- Rod Holders for 3X Mezzanine: Dual-Flanking Seatside Rocket Launchers (4 Total)
- Fiberglass Sunbed with Magnetic Filler Cushion and Convertible Pedestal Table
- Dove Gray Upholstery
- Sandbar Upholstery
- Diamond Quilted Upholstery
- Teak Ladder-Back Helm Chairs, Helm Armrests, and Forward Console Armrests
- Teak Accents on Helm Armrests, Forward Console Armrests, and Mezzanine Seat Armrests *(Only available with 3X Mezzanine Seating; Not Available with Teak Ladder-Back Option)*

Electronics

- Factory-Installed Garmin® GMR™ 1224 xHD 12kW Open-Array Radar**
- Factory-Installed Garmin® GMR™ Fantom 54 Open-Array Radar**
- Factory-Installed Garmin® GXM™ 54 SiriusXM® Marine Weather Receiver Upgrade

Electronics *(Cont'd)*

- Factory-Installed Garmin® GT36UHD-TM Ultra High-Def ClearVü and SideVü Side Scan Transducer
- Second VHF 215 AIS Radio
- Entertainment Upgrade Package: Includes Fusion® Dynamically Calibrated System with (10) Premium Backlit Speakers, Subwoofer, Amps, and Integrated Wi-Fi
- (2) Inductive Cell Phone Chargers: (1) at Helm, (1) Inside Console
- (2) Inductive Cell Phone Chargers in Recessed Console Trays
- Electric Anchor Light and Antenna Mounts
- Sionyx Nightwave Marine Night Vision Camera
- Multi-Colored Underwater LED Lights (2)
- Center Forward LED Light Bar on T-Top
- Port and Starboard LED Light Bars on T-Top

Fishing Upgrades

- Dual Pressurized Transom Livewells with Clear Acrylic Lids and Etched Regulator Logos, complete with Self-Cleaning, Self-Flushing, and Macerated Raw Water Sea Chest
- Refrigerated Transom Fishbox
- (6) Aft Gunwale Cup Holder Rod Holders *(Converted from Standard)*
- (8) Additional Forward Gunwale Conventional Rod Holders OR (8) Additional Forward Gunwale Cup Holder Rod Holders
- (2) Conventional Transom Rod Holders
- (2) Electric Reel Hook-Ups
- Quick-Release Under Gunwale Gaff Holder

Comfort & Convenience

- Through Stem Bow Roller with Anchor Windlass, Freshwater Anchor Wash, Remote Switch, and Chain
- Edson™ Elite Carbon Wheel with Power Knob**
- Phender Pro™ with (4) Quick-Release Fender Cleats
- Bucket Holder with (2) Buckets
- Removable Watersports Tow Bar
- Built-In 12V Watersports Inflation Station
- Gray Helm Pad with Black Regulator Logo
- Sandbar Helm Pad with Black Regulator Logo

Shades & Canvas

- Automated Rear Shade in Natural White
- Automated Rear Shade in Color other than Standard Natural White *(Various)*
- Forward Sun Shade *(Various Colors)*
- All-Weather Spray Curtain Enclosure
- Helm, Console & Mezz Seating Canvas Covers *(Various Colors)*
- Engine Canvas Covers *(Various Colors)*

**In Lieu of Standard

Boat Manufactured By:

REGULATOR

PO Box 49 • Edenton, NC 27932

{0:(252) 482-3837}

www.regulatormarine.com

REGULATOR 31CC

Length	31' 4"
Beam	10' 4"
Dry Weight (Boat Mfr. Pub)	9,400 lbs
Maximum HP	900 hp
Fuel Capacity	300 gal
Weight as Tested	12,856 lbs

LXF450XSA2 / XF450XSA2

Horsepower	450 hp
Induction	DI/VCT/DOHC
Displacement	5.6L
Weight (Estimated)	963 - 963 lbs
Gear Ratio	1.79:1

ENGINE MOUNTING HEIGHT

Mounting Hole Position	#3
Ventilation Plate Height	4" Above Boat Bottom

PROPELLER(S)

Series	XTO Offshore
Diameter x Pitch	16-1/8 x 22
Yamaha Part #	6GS-45934-20-00 / 6GR-45934-20-00
Propeller Material	Stainless Steel

TEST CONDITIONS

Number of People	2
Air / Water Temperature (Fahrenheit)	65° F / 74° F
Elevation (in feet above sea level)	0'
Wind Velocity	0-5 MPH

COMMENTS

Test weight includes 150 gallons of fuel, 3 batteries, safety and test equipment.

YPB#: PB_REG_31 CC_TW_LXF450XSA2_09-19-2023_OCC



Engine: Yamaha

LXF450XSA2 / XF450XSA2

Boat: Regulator 31CC

Configuration: Twin

Test Date: 19-Sep-2023

PERFORMANCE DATA



RPM	MPH	GPH	MPG
1000	6.6	3.9	1.69
1500	9.0	6.7	1.34
2000	10.4	11.2	0.93
2500	14.6	16.5	0.88
3000	23.1	20.6	1.12
3500	33.6	24.5	1.37
4000	40.5	31.2	1.30
4500	46.3	39.5	1.17
5000	52.4	50.3	1.04
5500	58.5	62.3	0.94
6100	64.7	80.1	0.81
0-20 MPH: 5.38 seconds			
0-30 MPH: 8.76 seconds			

NOTICE TO CONSUMER

The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Please also keep in mind that the data contained in this Performance Bulletin may or may not have been performed using Yamaha PowerMatched components. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice. This document contains many of Yamaha's valuable trademarks. It may also contain trademarks belonging to other companies. Any references to other companies or their products are for identification purposes only, and are not intended to be an endorsement.