

Outboards 2008



MARINER

OptiMax - TwoStroke

From 2.5 to 225 HP



Reliability needn't be dull





MARINER

The Mariner® reputation is built on experience

For year after year, Mariner owners have revelled in the rewards of dependability derived from quality engineering.

Thanks to legendary direct-fuel-injected technology, which combines awesome acceleration and staggering top-end speed with clean, quiet, fuel-saving operation, OptiMax is the perfect choice for almost any use.

Only OptiMax delivers optimum efficiency and maximum performance.

OptiMax fans are catered for with a range of “next generation” outboards.

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Trust in the best





3-CYLINDER

75 hp
90 hp
115 hp

6-CYLINDER

135 hp
150 hp
200 hp
225 hp

There's one outboard that has owners coming back for more and it's called Mariner OptiMax.

It's also summed-up in the word trust, because that's exactly what Mariner's legendary but fuel-efficient OptiMax range has delivered.

Mariner engineers have focused heavily on durability, reliability, noise reduction and overall ease of operation to further refine the range of OptiMax outboards.



Optimum reliability, maximum durability

OptiMax can provide effective, economical and reliable power in the shape of the direct fuel injection 75, 90 and 115 hp motors.

Lightweight and a broad power band provide full enjoyment, which is backed up by economical, smooth, and extremely quiet operation.

Add unsurpassed reliability and you'll understand why OptiMax 1.5L models are the choice of boaters who demand absolute dependability and economy of operation.

RELIABILITY

- Rigorous testing results in an engine that will run at optimum efficiency and last for many years.
- Designed for durability, strength and corrosion resistance, the driveshaft, shiftshaft, propshaft, water pump housings, tilt tube and power head fasteners are stainless steel.

PERFORMANCE

- OptiMax offers unsurpassed hole shot and top end speed.
- Direct fuel injection assures the clean, quiet and fuel efficient qualities of a four-stroke engine.

RUNNING QUALITY

- An exclusively-designed Air-Bypass-Silencer means that this engine is virtually as quiet as a four-stroke at idle.
- OptiMax technology assures turn-key starting, and smoke free operation.
- The unique 4.7L integral oil reservoir is easy to fill and serves as the engine's sound attenuator for whisper-quiet operation.

TECHNOLOGY

- 60 amp belt driven alternator assures charged batteries even while operating electronics at low RPMs.



75

90

115

 **MARINER**

OptiMax



The optimum in two-stroke DFI technology



135

150

200

225

 **MARINER**
OptiMax



If you've switched on to the concept of power and efficiency, it's time to switch on to Mariner OptiMax.

Years of experience have been channelled into designing a two-stroke DFI which allows you to spend all day on the water with your family without having to worry about fuel consumption or reliability issues. Now with the addition of SmartCraft technology, further fuel savings can be effected by operating the motor in its optimum spot.

Thanks to their light weight, the 3.0L and 2.5L OptiMax motors provide excellent power and manoeuvrability, not to mention an ideal powerband for pulling tube riders or skiers. Low trolling speeds prove the versatility of the OptiMax design.

RELIABILITY

- Exclusive use of XK-360 low-copper aluminum alloy, stainless steel and multi-step painting process provide unparalleled corrosion resistance.
- Rigorous testing on all components ensures long life.

PERFORMANCE

- OptiMax offers unsurpassed hole shot and top end speed.
- OptiMax direct fuel injection assures the clean, quiet and fuel efficient qualities of a four-stroke engine.

RUNNING QUALITY

- OptiMax technology assures turn-key starting, and smoke free operation.
- Only OptiMax uses a 2 stage injection process to produce enhanced fuel atomisation for better fuel economy, smooth running, and reliability.

TECHNOLOGY

- Exclusive Engine Guardian System constantly monitors over 40 sensors to give advance warning of possible problems and takes action to minimize their potential impact.

The legend lives on



TwoStroke


1-CYLINDER

2.5 hp
3.3 hp
5 hp

2-CYLINDER

15 hp

3-CYLINDER

60 hp
75 hp
90 hp

Moving fast across the water is the stuff of Mariner two-stroke legend but the good news is that this class is not only all about speed.

With typical attention to detail, Mariner have ensured that the fun is shared in equal measure with a good injection of long-term reliability backed by low maintenance requirements.

Light weight ensures an excellent power-to-weight ratio which in turn brings economy and handling benefits, not to mention easier portability.

Making hard work lighter





2-CYLINDER

- 15 hp
- 25 hp
- 40 hp



3-CYLINDER

- 40 hp
- 55 hp
- 60 hp
- 75 hp

Making a living on the water can be hard work. You need the help of a Mariner Marathon to lighten the load.

Every Marathon undergoes rigorous testing in the most unfriendly of conditions before it is approved. These are tough engines for the toughest of jobs.

The Marathon family of workhorses starts with the 294 cc 15 hp and runs through 25 hp, 40 hp, 55 hp, 60 hp and 75 hp models.

SPECIFICATIONS


	Models ⁽¹⁾	Kilowatts ⁽²⁾	Max. RPM at Full Throttle	Cylinders	Displacement	Starting	Gear Ratio
MARINER OPTIMAX							
135-225	225 • 200 OptiMax	165 • 147 kW	5000-5750	V-6 (60° Vee)	3032 cc	Electric (turn-key)	1.75:1
	150 • 135 OptiMax	110 • 99.2 kW	150: 5250-5750 135: 5000-5600	V-6 (60° Vee)	2507 cc	Electric (turn-key)	150: 1.87:1 135: 2.00:1
75-115	115 • 90 • 75 OptiMax	84.5 • 66.2 • 55.1 kW	5000-5750	3 (in-line)	1526 cc	Electric (turn-key)	115: 2.07:1 90 • 75: 2.33:1
MARINER TWOSTROKE							
2.5-90	90 • 75	66.2 • 55.1 kW	90: 5000-5500 75: 4750-5250	3 (in-line)	1386 cc	Electric	2.33:1
	60 + BIGFOOT	44.1 kW	5000-5500	3 (in-line)	967 cc	Electric	60: 1.64:1 60 BIGFOOT: 2.33:1
	15	11 kW	5000-6000	2 (in-line)	262 cc	Manual	2.00:1
	5 ⁽⁵⁾	3.68 kW	4000-5000	1	102 cc	Manual	2.15:1
	3.3 • 2.5	2.4 • 1.8 kW	3.3: 4500-5500 2.5: 4200-5200	1	74.6 cc	Manual	3.3: 2.15:1 2.5: 1.85:1

For more information on the propeller that is right for you, please see your dealer.
 Fuel requirements: OptiMax: Unleaded 90 RON min. TwoStroke: Leaded or unleaded 90 RON min.
 Gear shift: Forward (F), Neutral (N), Reverse (R), except 3.3: F-N, 2.5: F.



Steering	Alternator System ⁽³⁾	Trim Positions	Weight ⁽⁴⁾	Recommended Boat Transom Height	Induction System
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	225 kg	635 mm (XL) ⁽⁶⁾	2-stage direct fuel injection
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	195 kg	508 mm (L) - 635 mm (XL) ⁽⁶⁾	2-stage direct fuel injection
Remote	Belt-Driven 60 amp (756 watt)	Power trim standard	170 kg	115: 508 mm (L) - 635 mm (XL) 90 + 75: 508 mm (L)	2-stage direct fuel injection
Remote	18 amp (227 watt)	Power trim standard	139 kg	508 mm (L) Shaft extension kit available 635 mm (XL)	Loop-charged (3 carb)
Remote	16 amp (201 watt)	Power trim standard	60: 100 kg 60 BIGFOOT: 109 kg	508 mm (L)	Loop-charged (3 carb)
Tiller handle	Standard: ML Optional: M 6 amp (76 watt)	3 and 3 shallow water drive positions	35 kg	381 mm (S) - 508 mm (L) Shaft extension kit available	Cross flow (1 carb)
Tiller handle (360°) (Remote optional)	Optional 4 amp (50 watt) lighting 2 amp (25 watt) charging	6 and shallow water drive	20 kg	381 mm (S) 508 mm (L)	Loop-charged (1 carb)
Tiller handle (360°)	N/A	4	13 kg	3.3: 381 mm (S) 508 mm (L) 2.5: 381 mm (S)	Loop-charged (1 carb)

(1) Model offering may vary from one country to another. Please see your local dealer for specific information. (2) Measured at propshaft in accordance with ICOMIA 28. (3) Requires rectifier to complete installation manual versions. (4) Dry weight specification is for lightest model and excludes engine oil, rigging hardware and propeller. (5) Standard + integrated fuel tank 2.5 litres. (6) Counter rotation available on XL models.

 SmartCraft Integrated Marine technology standard.



HOW TO MAXIMIZE MARINER RELIABILITY

Avoid pirate parts

When you've made an investment in a beautifully engineered Mariner outboard, it makes sense to keep it that way and protect your warranty by using only Quicksilver parts, accessories and maintenance products. Quicksilver is the most respected name in the outboard after-market because all of its products are specifically developed for boating as opposed to multiple-application and they are available at every Mariner service dealer.



The Right Oils for the Best Protection

While all oils might look the same, the truth is that different end uses make differing demands on lubricants. That's exactly why you should use Quicksilver oils and lubricants because they are formulated solely for use in outboard motors, which are subjected to unique stresses and strains.

For premium quality there's a high detergent premium Quicksilver lubricant formulated to meet your precise needs. It all adds up to maximizing the efficiency and durability of your Mariner outboard.



Propel it Properly

Quicksilver is the world's largest manufacturer of propellers, which tells you that this division of Mariner has learned more about product performance and quality than any other manufacturer. After all, the propeller is the single most important component on your outboard when it comes to getting the best out of your engine, so make sure you choose the right prop.

From custom-built, to stainless steel, to aluminium and other special metals, there's a Quicksilver propeller for you. For advice on what's right, have a chat to your dealer.



Added Enjoyment on the Water

Quicksilver offers an impressive line-up of watersports accessories, all designed to maximize your enjoyment on the water. Ask your dealer for a run-down on the full range and prepare for fun and action aplenty.

