



PRODUCT  
INFORMATION  
GUIDE

2004











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# NEW MODELS FOR MY 2004



HP	E-TEC™	DIRECT INJECTION
3.5		
4		
6		
8		
9.9		
15		
25		
30		
40	 3 New Models	
50	 1 New Model	
60	 1 New Model*	
70		
75	 1 New Model	
90	 3 New Models	
100		 2 New Models
115		3 Models
135		4 Models
140		
150		 5 Models/1 New
175		4 Models
200		5 Models
225		 7 Models/1 New
250		5 Models
<b>TOTAL</b>	<b>9 Models</b>	<b>35 Models</b>

\*Late model release

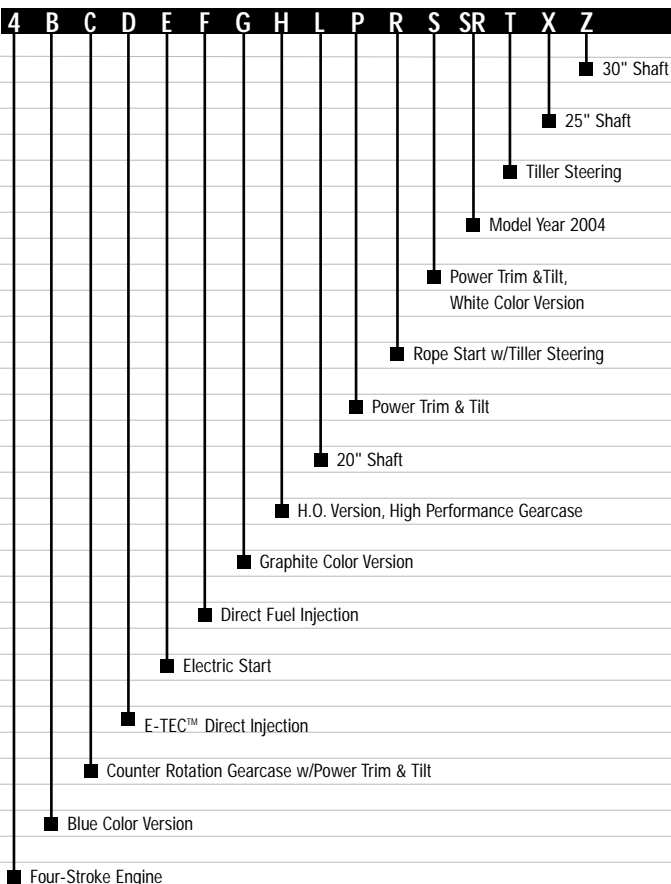
# Johnson®

2-STROKE	4-STROKE	HP
1 Model		3.5
	2 Models	4
2 Models	2 Models	6
2 Models	2 Models	8
2 Models	<b>NEW!</b> 6 Models/1 New	9.9
2 Models	4 Models	15
<b>NEW!</b> 6 Models/1 New	<b>NEW!</b> 2 New Models	25
3 Models	<b>NEW!</b> 2 New Models	30
3 Models	1 Model	40
1 Model	1 Model	50
	1 Model	60
	1 Model	70
		75
<b>NEW!</b> 3 Models/1 New	2 Models	90
		100
3 Models	2 Models	115
		135
	3 Models	140
4 Models		150
4 Models		175
	<b>NEW!</b> 2 New Models	200
	<b>NEW!</b> 2 New Models	225
		250
36 Models	35 Models	TOTAL



# MODEL CODE REFERENCE

## EVINRUDE®/JOHNSON® 2004 MODEL LETTER DESIGNATIONS

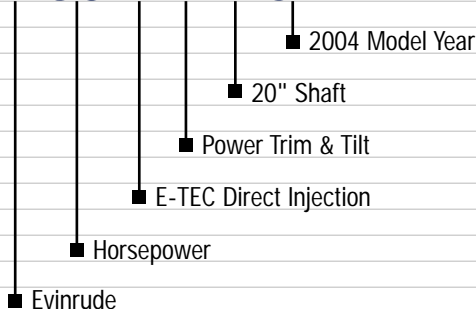


## EXAMPLES

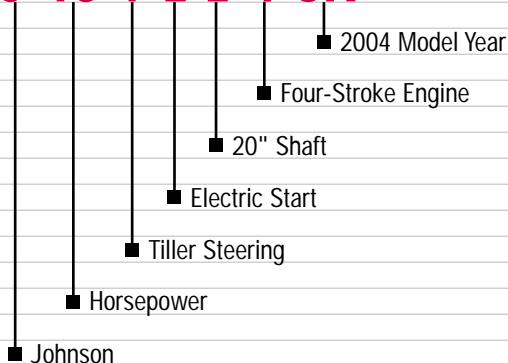
First letter of model  
number designates

Evinrude or Johnson










**E 50 D P L SR**















**J 10 T E L 4 SR**
















# FEATURE/BENEFIT GLOSSARY

FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>4-into-2-into1 Exhaust System</b> Maximizes exhaust efficiency to create more low end power and top end speed.	Johnson® 4-Stroke 90-140 HP			
<b>Two-Stroke Engine</b> Johnson carbureted 2-Stroke engines complete their power cycle with two strokes of the piston. There are no valves, springs, camshafts or timing belts, so the engine is less complex and lighter.	Johnson 2-Stroke 3.5-175 HP			
<b>Acoustically Tuned Air Silencer</b> Air silencer tuned to decrease air intake noise at all rpms.	All Evinrude® E-TEC™ 40-90 HP			
<b>Aluminum Connecting Rods</b> Lighter weight to reduce internal engine mass for crisp throttle response and faster acceleration.	Johnson 4-Stroke 9.9 & 15 HP			
<b>Auto-Decompression</b> Provides easier starting by reducing engine compression during start-up.	Johnson 4-Stroke 6 & 8 HP			
<b>Auto Storage</b> Allows the consumer to set their boats for off season storage or winterize their boats without having to bring the boat to the dealer.	All Evinrude E-TEC 40-90 HP			
<b>Built-in Fuel Tank</b> Fuel tank in integrated into the engine design so the customer does not need a remote fuel tank.	Johnson 2-Stroke 3.5 HP and Johnson 4-Stroke 4 HP			
<b>C.A.R.B.</b> California Air Resource Board, which is the regulatory board for emissions, NOT engine technologies, in California.	N/A			
<b>Carbon Monoxide (CO)</b> A colorless, odorless, tasteless gas that can be harmful to all warmblooded animals, including humans, if exposed to excessive levels of concentration.	N/A			
<b>Center Mounted Tiller Arm</b> More comfortable to grasp and drive which means less driver fatigue.	Johnson 2-Stroke 6, 8, 9.9, 15 HP and Johnson 4-Stroke 6 & 8 HP			
















FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Bombardier Engineering Team</b> Bombardier draws upon their engineering team's experience to engineer outboards to be durable and reliable while providing superior performance on today's boats.	All Evinrude and Johnson engines			
<b>"Clean Pac"</b> Engine packaging is clean and neat with every hose and wire routed in a specific place.	All Evinrude® E-TEC™ 40-90 HP			
<b>Counter Rotation</b> Reduces steering torque in twin engine applications.	Evinrude 135-250 HP, Johnson 2-Stroke 150-175 HP, and Johnson 4-Stroke 140-225 HP			
<b>Cross Scavenging</b> Cross scavenging engines have a deflector on top of the piston that directs the incoming air/fuel up, toward the top of the cylinder and pushes the spent gases out of the exhaust which results in a smooth idle, good efficiency and good low speed running quality.	Johnson 2-Stroke 8, 9.9, 15, 25 & 30 HP			
<b>Deep Guard Corrosion Protection</b> Deep Guard Corrosion Protection is a process of washing and rinsing cycles, coatings, sealers, baked-on primer and baked-on high solids.	All Evinrude 40-250 HP and Johnson 2-Stroke 3.5-175 HP engines			
<b>Direct Injection</b> Direct injection is a process of injecting a fuel charge directly into the combustion chamber after the exhaust port is closed, which prevents fuel from escaping through the exhaust port.	All Evinrude 40-250 HP engines			
<b>DOHC (Double Overhead Cam)</b> 1 cam for the intake valve and 1 cam for the exhaust valve for more precise valve timing. Produces more power at top end speeds.	Johnson 4-Stroke 225, 200, 140, 115, 90, 50 & 40 HP			
<b>DQR</b> Durability, Quality & Reliability is a key feature built into all Johnson and Evinrude engines.	All Evinrude and Johnson engines			












# FEATURE/BENEFIT GLOSSARY













FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Dual Fish Line Cutter</b> Prevents fishing line from wrapping around propeller and damaging seals.	Johnson® 2-Stroke 6-15 HP			
<b>ECM</b> The ECM receives constant input from various sensors, delivering instant starts, smooth operation, strong performance, and excellent fuel efficiency.	Johnson 4-Stroke 40-225 HP			
<b>EMM (Engine Management Module)</b> The EMM receives constant input from various sensors, delivering instant starts, smooth operation, strong performance, and excellent fuel efficiency.	All Evinrude engines 40-250 HP			
<b>E-CAL Auto Lube</b> Oil system that eliminates mixing oil and gas. Complete combustion prevents virtually any oil from escaping into the environment.	All Evinrude engines 40-250 HP			
<b>EDP-Electro Deposition Paint</b> Electro Deposition Paint is applied to all the aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge which draws paint into the surface to provide complete uniform coverage.	All Evinrude engines and all Johnson 2-Stroke			
<b>EPA</b> Environmental Protection Agency which is the regulatory board for the United States for emissions. EPA REGULATES EMISSIONS—NOT ENGINE TECHNOLOGIES.	N/A			
<b>Evinrude Direct Injection</b> Evinrude direct injection is a highly efficient DI technology that uses a computer-based electronic engine management system to coordinate delivery of precise fuel quantities into the combustion chamber. The result is a high performance engine with the high power to weight ratio of a 2-Stroke with the fuel economy and efficiency of a 4-Stroke engine.	All Evinrude engines 100-250 HP			

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FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Evinrude® E-TEC™</b> Evinrude E-TEC is a quieter, cleaner and extremely low-maintenance engine that features a lightweight, compact design.	All Evinrude® E-TEC™ 40-90 HP			
<b>E-TEC Direct Injection</b> E-TEC Direct Injection is a highly efficient DI technology that uses a new computer-based electronic engine management system to coordinate delivery of precise fuel quantities into the combustion chamber via a new fuel injector with more control than previous direct injection technologies.	All Evinrude E-TEC 40-90 HP			
<b>E-TEC Lubrication Programming</b> Ultra low oil consumption when using Evinrude XD100™ Oil.	All Evinrude E-TEC 40-90 HP			
<b>E-TEC Signature Sound</b> Evinrude E-TEC engines use resonators in the air intake, a molded foam inner liner for the lower engine covers, idle air bypass on the intake and an enhanced idle relief on the exhaust to produce a quiet Signature Sound.	All Evinrude E-TEC 40-90 HP			
<b>Extra Capacity Water Pump</b> Utilizes a large water pump for more efficient cooling and increased durability.	All Evinrude E-TEC 40-90 HP			
<b>FasTrak™ Power Trim &amp; Tilt</b> 75 degrees of trim & tilt range to increase your boat's efficiency.	Evinrude 75-250 HP and Johnson 2-Stroke 90-175 HP			
<b>FEL (Family Emissions Limit)</b>	N/A			
<b>Fold Away Balanced Carrying Handle</b> Provides convenient balanced handle location for easy portability.	Johnson 2-Stroke 6, 8, 9.9 & 15 HP			

# FEATURE/BENEFIT GLOSSARY









FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Forward/Neutral/Reverse Gearcase</b> Quick and easy shifting, allowing more maneuverability.	All Bombardier engines <u>except</u> for Johnson 2-Stroke 3.5 HP			
<b>Freshwater Flushing Port</b> The flushing attachment is convenient with an easy to attach hose connector to flush saltwater and sediment from the engine. Engine does not need to be running to effectively flush the engine.	Evinrude® 40-250 HP Johnson 2-Stroke 90-175 HP and Johnson 4-Stroke 40-225 HP			
<b>Fuel Injection Starting</b> Injects fuel directly into the crankcase for fast and easy starts.	Johnson® 2-Stroke remote electric start models 25-175 HP			
<b>Heavy-Duty Gearcase</b> Uses large gears to handle heavy loads.	Evinrude 135-250 HP Johnson 2-Stroke 150 & 175 HP			
<b>High Performance Gear Case</b> Reduces hydrodynamic drag. Low-water pick-up and speedometer pick-up allow higher transom, jack plate, or bracket mounting for the ultimate holeshot, quick acceleration, and excellent top speed.	Evinrude H.O. engines 150-225 HP			
<b>Hydraulic Tensioner</b> Automatically adjusts timing chain to eliminate need for periodic servicing.	Johnson 4-Stroke 40, 50, 90, 115, 140, 200 & 225 HP			
<b>Ignition Interruption Switch</b> Allows the engine to shift smoothly.	Evinrude 135-250 HP Johnson 2-Stroke 150-175 HP			
<b>Idle Air Bypass</b> Air bypass in the intake manifold which reduces air intake noise at idle.	All Evinrude® E-TEC™ 40-90 HP			
<b>Large Displacement</b> More power and torque for longer engine life.	Evinrude 200-250 HP Johnson 4-Stroke 200 & 225 HP			
<b>Long Track Intake Manifold</b> Increases the velocity of the air/fuel mixture for optimum power and quiet operation.	Johnson 4-Stroke 25-70 HP			

FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Low Maintenance Technology</b> No oil to change, valves to adjust, belts or timing chains to replace.	Evinrude 40-250 HP Johnson 2-Stroke 3.5-175 HP			
<b>Multi-Stage Induction</b> Enhances engine performance by changing the length of the intake manifold pipes according to engine speed.	Johnson 4-Stroke 200 & 225 HP			
<b>Offset Drive</b> Lowers and moves forward the center of gravity for better boat performance and handling.	Johnson 4-Stroke 90-225 HP			
<b>OIS 2000 Optical Ignition</b> Uses infrared technology for precise ignition control.	Johnson 2-Stroke 90-175 HP			
<b>Oversized Gearcase</b> Larger and stronger gears allow for larger props and more thrust and increase durability and engine life.	All Evinrude E-TEC 40-90 HP			
<b>Power Path Induction</b> Fuel and air flow in a shorter, more direct path from the carburetors to the intake port which provides quicker acceleration and high fuel efficiency.	Johnson 2-Stroke 90-175 HP			
<b>Pressure &amp; Temperature Controlled Water Cooled</b> Ensures proper engine temperature at all times for consistent performance and long trouble-free engine life.	All Evinrude and Johnson engines			
<b>QuickStart</b> Quickstart eliminates the need to set the throttle lever into a fast idle neutral warm up position by automatically adjusting the engine to run at fast idle until the engine is warmed up.	Johnson 2-Stroke 40-175 HP electric start models			
<b>Relieved Split Line Gearcase</b> Reduces contact area of gearcase to midsection which reduces corrosion.	Evinrude 75-250 HP Johnson 2-Stroke 90-175 HP			

# FEATURE/BENEFIT GLOSSARY

FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>S.A.F.E.</b> Speed Adjusting Failsafe Electronics. In an event of a no oil or overheat situation, the engine will go into a slow speed mode to help prevent engine damage.	All Evinrude E-TEC 40-90 HP			
<b>Saltwater Edition</b> In addition to EDP, Saltwater Edition engines utilize stainless steel drive shafts, prop shaft, shift shaft, steering tube and steering arm to provide superior corrosion resistance in a saltwater environment.	Johnson® 2-Stroke 90-175 HP Evinrude 90-250 HP			
<b>Shallow Water Drive</b> Allows engine to be run in slightly tilted position for shallow water operation.	Johnson 2-Stroke 6-30 HP Johnson 4-Stroke 4-15 HP			
<b>Sequential Multi-Port EFI</b> Fuel is injected into each cylinder in sequence to the engine firing order. This allows precise timing and injection of exact amounts of fuel when the engine needs it, which provides turn-key starting, high fuel efficiency, instant acceleration, and smooth, quiet and smoke free operation.	Johnson 4-Stroke 40-225 HP			
<b>SOHC (Single Overhead Cam)</b> Optimizes power and torque and keeps engine weight to a minimum.	Johnson 4-Stroke 6, 8, 9.9, 15, 25, 30, 60 & 70 HP			
<b>S.L.O.W.</b> Speed Limiting Overheat Warning. Slows engine to prevent damage in an overheating or no oil situation.	Evinrude 100-250 HP Johnson 25-175 HP			
<b>Stratified Combustion</b> All Evinrude engines use stratified combustion for idle and trolling speeds. Stratified combustion contains the combustible fuel cloud to a small area within the cylinder, with the remainder of the air in the cylinder not being fueled. Stratified combustion greatly reduces the amount of fuel used at low rpms.	All Evinrude engines 40-250 HP			

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FEATURE/BENEFIT	ENGINE	PERFORMANCE	DURABILITY, QUALITY, RELIABILITY	EASY TO OWN/ CONVENIENCE
<b>Sure Dry Air Intake</b> Air intake located on rear of engine cover keeps water out while providing airflow to the engine.	All Evinrude E-TEC 40-90 HP			
<b>Three-Year Non-Declining Coverage</b> Three-year non-declining limited warranty covers every part on the motor, unlike some competitor's warranties, which reduce their coverage each year.	All Evinrude® 40-250 HP and all Johnson 4-Stroke engines 4-225 HP			
<b>Tilt Limit Switch</b> Allows owner to limit the amount of engine tilt to prevent damage.	Evinrude 75-250 HP Johnson 4-Stroke 60-225 HP			
<b>Trailer Support Arm</b> Supports engine weight while trailering to prevent damaging trim system.	Evinrude 75-250 HP Johnson 2-Stroke 90-175 HP			
<b>Two-Year Non-Declining Coverage</b> Two-year non-declining limited warranty covers every part on the motor, unlike some competitor's warranties which reduce their coverage each year.	All Johnson 2-Stroke engines 3.5-175 HP			
<b>Under Hood Oil Tank</b> Oil tank is located under motor cover with easy access to fill. No oil tank is needed in the boat.	All Evinrude® E-TEC™ 40-90 HP			
<b>Uni-Forge Crankshaft</b> One piece crankshaft for strength.	All Evinrude 40-250 HP Johnson 2-Stroke engines 3.5-175 HP and Johnson 4-Stroke 4-225 HP			

# TEN MYTHS AND FACTS

## CONCERNING OUTBOARD TECHNOLOGIES AND EMISSIONS LEGISLATION

**1 Myth 1: The 2006 EPA and 2006 EU legislation make two-strokes illegal.**

**Fact 1:** The legislation enacted by the U.S. Environmental Protection Agency (EPA) and the California Air Resource Board (CARB) as well as EU Recreational Craft Directive REGULATE EMISSIONS AND NOT TECHNOLOGIES. There is nothing either in the EPA, CARB or the EU outboard emissions legislation that will ban the use of any outboard motor on any waterway. EPA, CARB and EU legislation do set limits for engines to be sold by the effective date of the legislation.

**2 Myth 2: The EPA (USA) and EU (Europe) legislation make the sale and use of two-stroke outboards illegal after 2006.**

**Fact 2:** Outboard manufacturers are required to comply with U.S. EPA legislation through a corporate average. Any existing outboard model and its related technology sold to the end-user prior to the effective date can be used beyond 2006 under both EPA and EU legislations.

No outboard brand or technology is outlawed by the EPA and EU legislation.

**3 Myth 3: Four-stroke outboards achieve the best fuel economy.**

**Fact 3:** Both four-stroke and direct injection technologies achieve high levels of fuel economy. In fact, recent magazine tests have shown that certain direct injection outboards actually achieve higher levels of fuel economy and efficiency than the same horsepower four-stroke model!

**4 Myth 4: Four-stroke outboards are the cleanest available.**

**Fact 4:** Four-stroke and direct injection outboards are both significantly cleaner than traditional carbureted outboards. Four-stroke models tend to have a slight advantage in the hydrocarbons (HC) category, while certain direct injection models tend to have an advantage in the **carbon monoxide (CO)** and oxides of **nitrogen (NOx)** categories.

Both technologies comply with U.S. EPA 2006, EU 2006 and CARB 2-STAR and 3-STAR ratings depending on the model.

**5 Myth 5: The CARB STAR ratings apply worldwide.**

**Fact 5:** The CARB STAR rating applies only to outboards sold in the US State of California and has nothing to do with the EPA or EU 2006 / 2005 Recreational Craft Directive.



**Myth 6: Only the four-stroke technology can achieve the California Air Resource Board (CARB) 3-STAR Ultra Low Emissions certification.**

**Fact 6:** There are CARB 3-STAR certified direct injection outboards being sold today including the Evinrude® E-TEC™ engines available from 40-90hp.

**Myth 7: Four-stroke outboards are the lowest maintenance outboards.**

**Fact 7:** Today's four-stroke and direct injection outboards are both low maintenance products compared to what was available in the industry ten or more years ago. Unlike today's 4-stroke outboards, Evinrude® outboards with direct injection and Evinrude E-TEC outboards have no valves to adjust, no crankcase oil that needs to be changed, no timing belts or chains that require replacement. This equates to more time on the water for the customer which helps to reduce maintenance costs over the engine's life.

**Myth 8: Four-stroke technology makes more torque than other outboard technologies.**

**Fact 8:** While most four-stroke outboards perform at acceptable levels, when comparing equal displacement engines, four-strokes develop significantly LESS torque at the same RPM than competitive technologies. This is due to the inherent nature of the technology. A four-stroke makes a power stroke every other revolution of the crankshaft while two-stroke and direct injection technologies make a power stroke every revolution.

**Myth 9: Four-stroke outboards do not consume engine oil.**

**Fact 9:** According to Southwest Research Institute, a government-approved emissions testing lab, a competitor's 115hp four-stroke outboard engine consumed 4.9 quarts of oil in 100 hours of testing. The oil capacity of the engine is only 4.8 quarts.

**Myth 10: Two-stroke outboards expel oil directly into the environment.**

**Fact 10:** The oil in a direct injection outboard is combusted in the cylinder the same way the fuel is and is accounted for already in its emission rating, while four-strokes need to dispose of the used oil in the crankcase at the time of service.

# MYTHS AND FACTS SUMMARY

## CONCERNING OUTBOARD TECHNOLOGIES AND EMISSIONS LEGISLATION

### EPA (USA):

- All technologies including carbureted and EFI 2-strokes can be sold past 2006 as long as the manufacturer's corporate average will be within the maximum limit.
- Only HC+NOx are regulated. CO is reported, but not regulated.

### CARB (California Only)

- Only engines in compliance with CARB 1-STAR (as of 2001), 2-STAR (as of 2004) & 3-STAR (as of 2008) limits can be sold.
- Only HC + NOx are regulated. CO is reported, but not regulated.

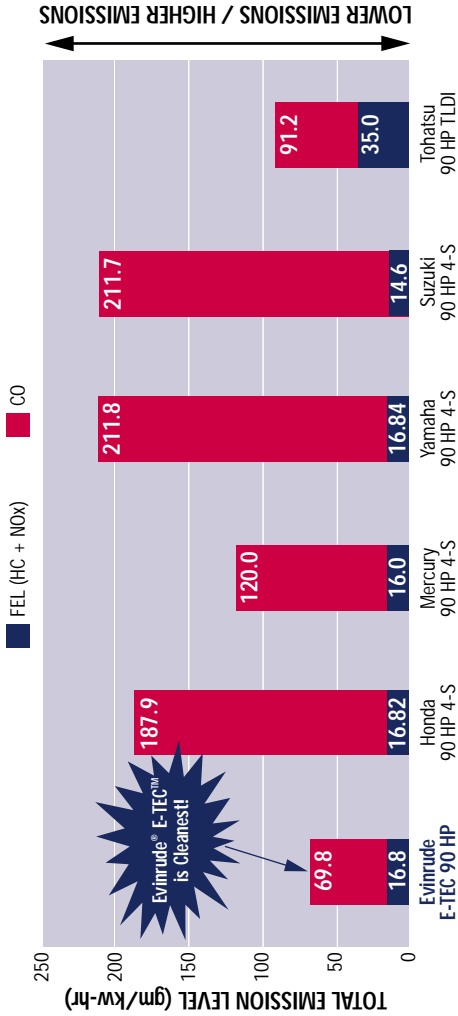


### EU 2005/2006 (EU)

- Only engines in compliance with specific emission limits set can be sold past 31st December 2005 (4-strokes) and past 31st December 2006 (2-strokes).
- Separate levels for HC, NOx, and CO are regulated.



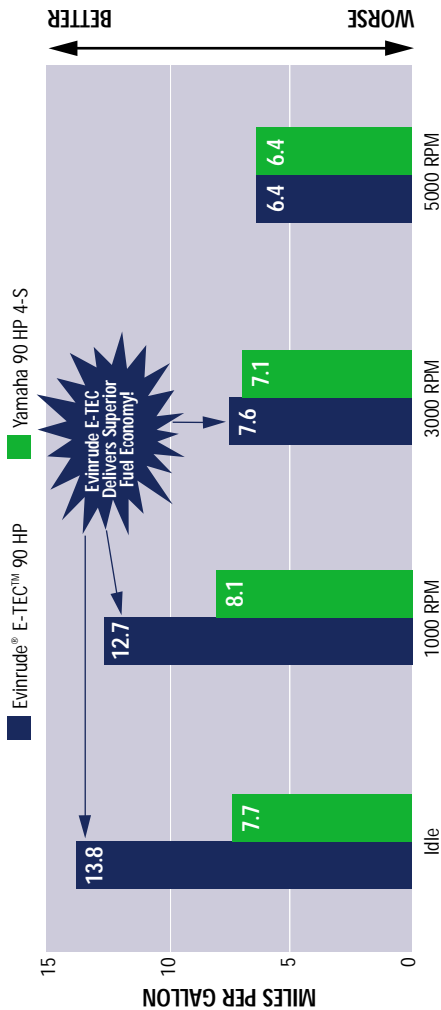
TOTAL REPORTABLE EMISSIONS COMPARISON



Evinrude E-TEC 90 HP Produces Less than Half the Emissions of the Yamaha, Honda and Suzuki 90 HP 4-Stroke!

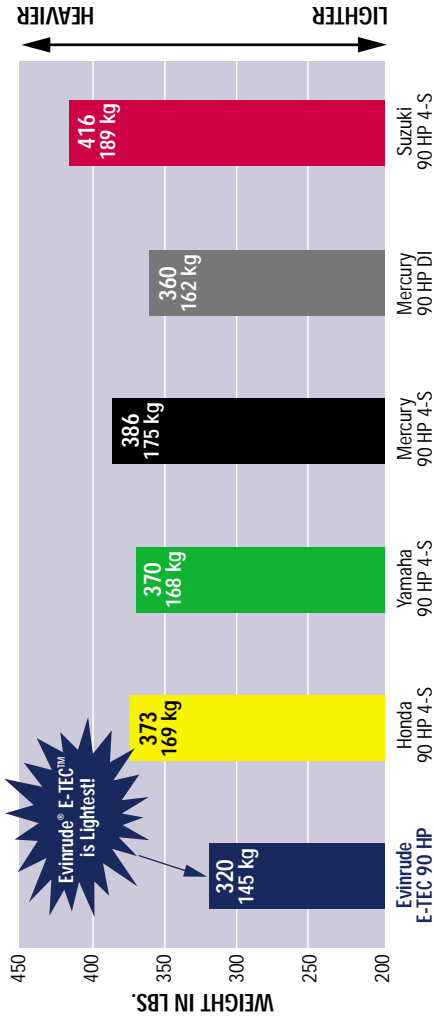
Source: U.S. E.P.A. 2003 Database, as of September 11, 2003. 2004 Models.  
Note: Total reportable emissions includes: Hydrocarbons, Oxides of Nitrogen and Carbon Monoxide as required by the U.S. E.P.A. and European Union regulations. Mercury 90 HP Optimax data not available at time of printing.

## FUEL ECONOMY COMPARISON



Source: Competitive Engine Testing Done at Bombardier's Ralph Evinrude Test Center, 2003 Yamaha 90 HP 4-Stroke versus 2004 Evinrude E-TEC 90 HP. Test Boat: 180C Blue Wave.

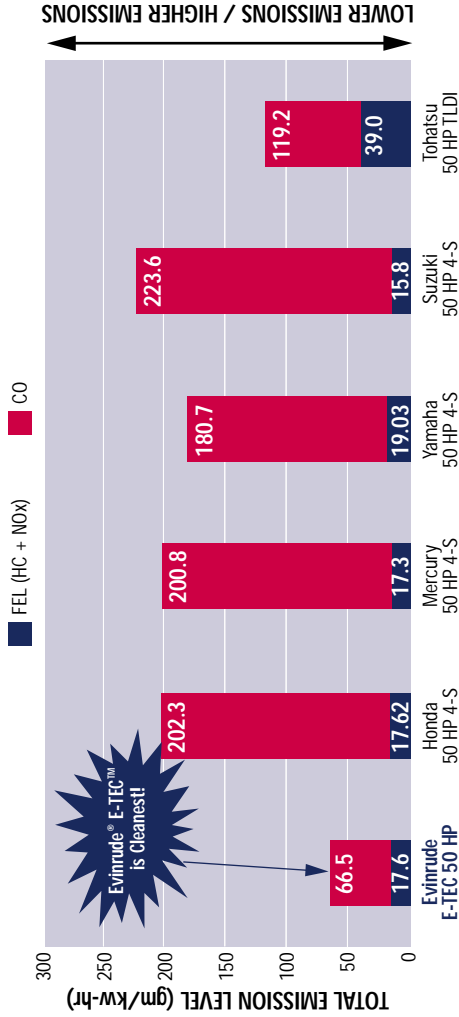
# WEIGHT COMPARISON



**Evinrude E-TEC 90 HP is Nearly 100 lbs. Lighter than the Competition!**

Source: Weights are advertised weights from each manufacturer's 2004 product catalog at time of printing.

# TOTAL REPORTABLE EMISSIONS COMPARISON

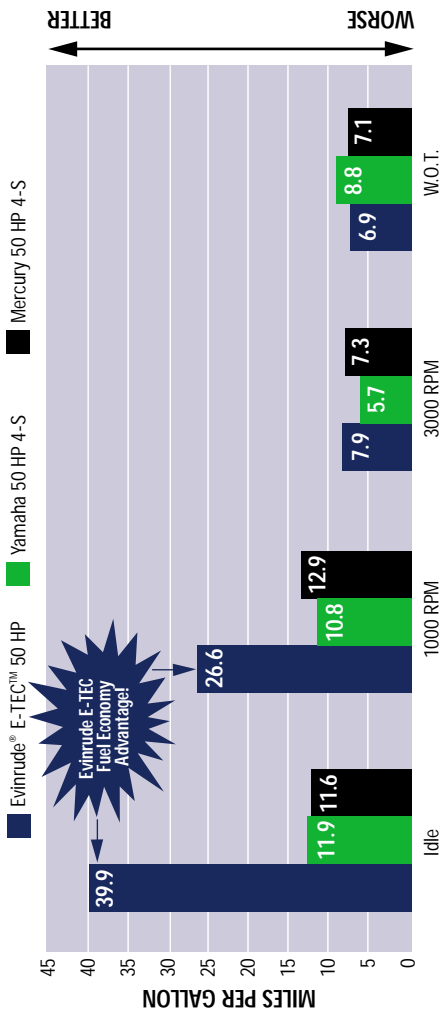


**Evinrude E-TEC 50 HP Produces Nearly Half the Emissions!**

Source: U.S. E.P.A. 2003 Database, as of September 11, 2003. 2004 Models.

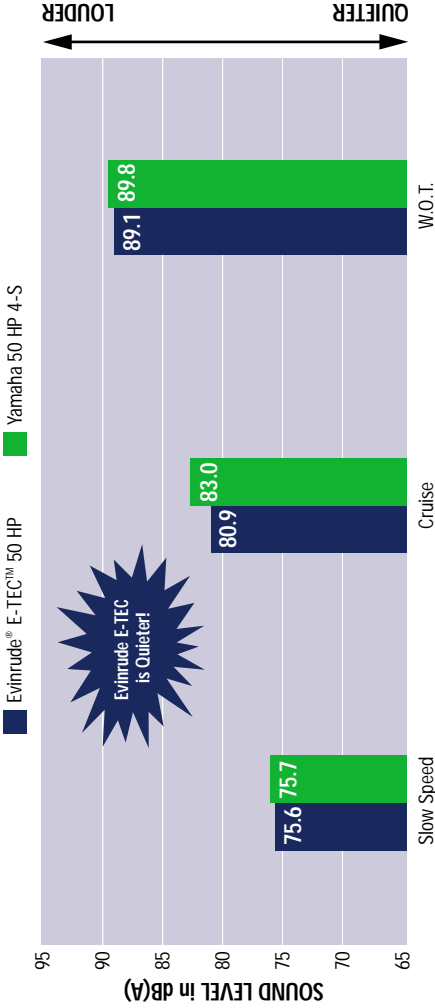
Note: Total reportable emissions includes: Hydrocarbons, Oxides of Nitrogen and Carbon Monoxide as required by the U.S. E.P.A. and European Union regulations.

# FUEL ECONOMY COMPARISON



Source: Competitive Engine Testing Done at Bombardier's Ralph Evinrude Test Center, 2003 Yamaha 50 HP 4-Stroke versus 2004 Evinrude E-TEC 50 HP. Test Boat: 17' X-Press.

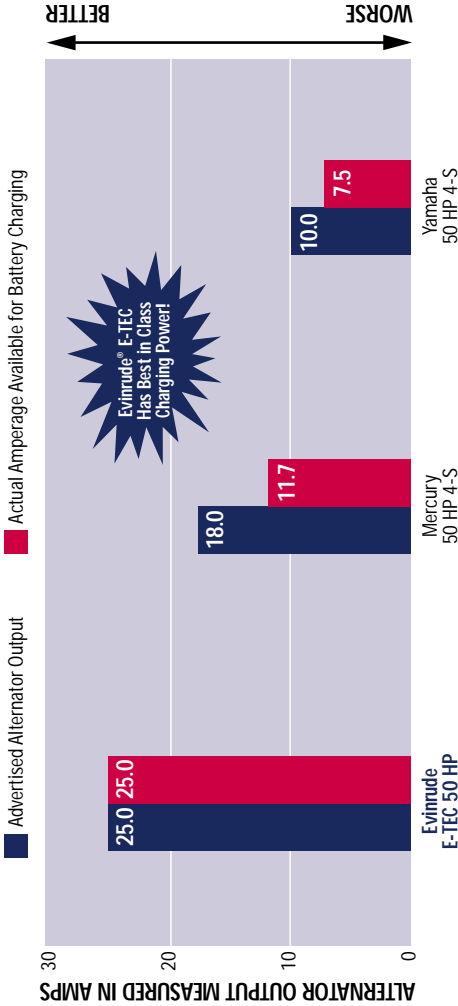
# SOUND LEVEL COMPARISON



Source: Competitive Engine Testing Done at Bombardier's Ralph Evinrude Test Center, 2003 Yamaha 50 HP 4-Stroke versus 2004 Evinrude E-TEC 50 HP.  
 Test Boat: 17' X-Press.



## ALTERNATOR OUTPUT COMPARISON




**Evinrude E-TEC 50 HP Delivers up to Three Times More Battery Charging Amperage!**

NOTE: Actual alternator output measured at Bombardier's Ralph Evinrude Test Center. Advised output based on competitive brochures at time of printing.

**E-TEC™**

## 40/50HP COMPETITIVE MAINTENANCE SCHEDULE

ITEM/SERVICE DESCRIPTION	EVINRUDE E-TEC
Inspect and/or Replace Spark Plugs	 *Every 3 years or 300 hours
Adjust Idle Speed	N/A
Lubricate Grease Fittings	*Every 3 years or 300 hours
Lubricate/Replace Gearcase Lube	*Every 3 years or 300 hours
Inspect and Retighten Fasteners	*Every 3 years or 300 hours
Inspect and Repair Leaks in Fuel System	*Every 3 years or 300 hours
Add or Change Engine Crankcase Oil	N/A
Change Oil Filter	N/A
Inspect Thermostat	*Every 3 years or 300 hours
Inspect or Replace Water Pump	*Every 3 years or 300 hours
Inspect Timing Belt	N/A
Inspect Ignition Timing	N/A
Inspect/Adjust Valve Clearance	N/A

ENGINE	MAINTENANCE INTERVAL
EVINRUDE E-TEC	Every 3 years or 300 hours
YAMAHA 4-STROKE	From 10 hours to every 2 years
MERCURY 4-STROKE	From every year to every 3 years
HONDA 4-STROKE	From every 20 hours to every year

\*For normal recreational use.

Note: Competitive Owner's Manuals referenced as follows:  
2004 Yamaha Owner's Manual, 50 HP, #18626-05-33.  
2003 Mercury Owner's Manual, 40-50-60 (4-Stroke), #90-10223040  
2004 Honda Owner's Manual, BF40A, BF50A.

## 2004 PRODUCT INFORMATION GUIDE

Initial: 10 hours, then every year or 200 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every year or 200 hours
Initial: 10 hours, then every 6 months or 100 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every 6 months or 100 hours
Every 6 months or 100 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every 6 months or 100 hours
Initial: 10 hours, then every 6 months or 100 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every 6 months or 100 hours
Initial: 10 hours, then every 6 months or 100 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every 6 months or 100 hours
Every 6 months or 100 hours	N/A	Every 2 years or every 400 hours
Initial: 10 hours, then every 100 hours or 6 months	Every year or 100 hours	Initial: 20 hours or 1 month, then every 6 months or 100 hours
Every year or 200 hours	Every year or 100 hours	Yearly or every 200 hours
Every year or 200 hours	Every year or 100 hours	Yearly or every 200 hours
Every year or 200 hours	Every 3 years or 300 hours	N/A
Every 6 months or 100 hours	Every year or 100 hours	Yearly or every 200 hours
Initial: 10 hours, then every year or 200 hours	Every year or 100 hours	N/A
Initial: 10 hours, then every year or 200 hours	Every year or 100 hours	Initial: 20 hours or 1 month, then every year or 200 hours

1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12

► Each box represents 1 month.

MEET TODAY'S TOUGHEST  
EMISSION STANDARDS.  
AND TOMORROW'S.



THE TECHNOLOGY IS YEARS  
DOWN THE ROAD.  
SO IS THE MAINTENANCE.



**E-TEC™**

## **EASY TO OWN AND OPERATE:**

- *No scheduled dealer maintenance for three years or up to 300 hrs of normal, recreational use*
- *Easy to install / rig*
- *No break-in period*
- *Auto storage mode*
- *Sealed fuel system*
- *S.A.F.E.: Speed Adjusting Failsafe Electronics*

## **CLEANER AND QUIETER:**

- *3 STAR CARB Emissions Compliant!*
- *EPA 2006 Compliant!*
- *2006 European Union Emissions Compliant!*
- *Lowest total reportable emissions levels of any outboard engine technology*
- *Precision control of fuel*
- *Stratified combustion*
- *Ultra low oil consumption*
- *Quiet signature sound*

## **DQR:**

- *Uses many of the same size components that are used in V4 & V6 engines for durability*
- *New patented piston alloy developed by NASA*
- *Beltless charging system—no moving parts*
- *Extra capacity water pump*
- *Corrosion protection features*
- *Oversized gearcase and propellers*

## **STYLING:**

- *Face on front, swept back profile*
- *3-dimensional break line*
- *Self-aligning hood*
- *Latch mechanism easily operated from inside or outside of boat*
- *“Sure-Dry” air intake*
- *Full length lower motor covers, integrated look*
- *“Clean-Pac” underhood packaging*
- *Compact and lightweight*



**E-TEC™**

## **DOCK TALK**

### **EVINRUDE E-TEC OUTBOARDS OVERVIEW**

Evinrude E-TEC outboards are the first Bombardier designed and engineered outboards. Evinrude E-TEC outboards are designed to be easy to own and operate and require no scheduled dealer maintenance for three years or 300 hours of normal recreational use.

Evinrude E-TEC outboards feature the cleanest outboard technology available, are worldwide emissions compliant and their quieter operation and distinctive styling set them apart from the competition. There are models available in 40, 50 and 60 HP in a 2-cylinder configuration and 75 and 90 HP in a 3-cylinder configuration.

**E-TEC is a total engine system that creates the total package in outboard engines!**

### **E-TEC DIRECT INJECTION**

E-TEC direct injection uses a computer-based electronic engine management system to monitor engine temperature, air temperature, atmospheric pressure, crank position and engine load so it can coordinate delivery of precise fuel quantities into the combustion chamber when the exhaust port is closed. E-TEC direct injection injects highly pressurized fuel into the combustion chamber, via a new E-TEC injector that has more flow and speed capability than previous direct injection designs. Injection pressure is 500-700psi depending on the needs of the cylinder. Evinrude E-TEC injectors are simple and more durable with 26% fewer parts than previous designs.

This method of introducing the fuel into the cylinder enhances the fuel burn to improve fuel efficiency and emissions output. Because the pulsing of the fuel is timed to occur after the piston has closed off the exhaust port, emissions are greatly reduced and fuel economy is significantly enhanced. E-TEC direct injection also features Stratified Combustion to provide exceptional low RPM fuel economy. The result is an engine with the high power-to-weight ratio expected of a two-stroke power plant, plus the low emissions output, fuel economy and efficiency expected of a four-stroke engine.

E-TEC direct injection outboards have the lowest total reportable emissions levels of all outboard technologies and Evinrude E-TEC outboards are designed to comply with EPA 2006 and European Union standards as well as CARB ultra-low 3-Star emissions rating.

### **E-START SYSTEM**

The high energy ignition delivers more spark at start-up. No choking, no priming. Full magneto electronics make it possible to start and run the engine even if the boat's battery should fail.

### E-TEC AUTO LUBE

Evinrude E-TEC outboards are programmed from the factory to run on TC-W3 oil. The Auto-Lube oil system can be programmed by an authorized dealer to provide ultra-low oil consumption if the customer uses Evinrude XD100™ oil. Complete combustion prevents oil from escaping into the environment.

### NOISE REDUCTION TECHNOLOGY

E-TEC engines have an idle air bypass circuit and an acoustically tuned air intake silencer which reduces intake noise. Evinrude E-TEC outboards also have full-length lower motor covers to reduce exhaust noise to give the Evinrude E-TEC outboards a signature sound.

### AUTO STORAGE MODE

E-TEC engines are equipped with an auto storage mode, so the consumer does not have to bring the boat and engine to the dealer for off-season storage or winterization for the first three years of normal recreational use.

### S.A.F.E.

Speed Adjusting Failsafe Electronics send the engine into a slow speed/return home mode in the event of no oil or overheat situations.

### ROBUST ENGINE COMPONENTS

Evinrude E-TEC outboards use internal engine components from V4 and V6 engines for increased durability such as: rods, bearings, cylinder sleeves, cylinder head, gearcase, mounts, intake system, reeds, fasteners and water pump. The pistons are cast from a new patented alloy developed by NASA that is 2.5 times stronger than traditional pistons at operating temperature. Evinrude E-TEC outboards are easy to install and there is no break-in required thanks to the boron-nitride lined cylinder bores. Robust gearcase and propellers that were designed for larger engines are standard on all Evinrude E-TEC outboards.

### VARIABLE VOLTAGE COMPUTER CONTROLLED CHARGING SYSTEM

The alternator is a beltless, variable voltage computer controlled 75 amp, 1100 watt output with a voltage regulator with 25 amps dedicated to battery charging.





**E-TEC™**

## **DOCK TALK**

### **COMPACT AND LIGHTWEIGHT**

All Evinrude E-TEC outboards are designed to be compact and lightweight so they are suitable for many different boating applications where weight is a concern.

### **STYLE**

The distinctive Bombardier DNA is evident with a face on front of the engine cover and a swept-back profile.

### **SELF-ALIGNING HOOD WITH “SURE DRY” AIR INTAKE**

All Evinrude E-TEC outboards have a Self-aligning hood with “Sure Dry” air intake and latches on the side of the cover, which is easily operated from inside or outside the boat. All Evinrude E-TEC outboards have “Clean-Pac” underhood packaging to give every wire and hose a place to be to create a compact and clean engine.

### **EVINRUDE JOHNSON XD 100™ INJECTION OIL**

Lubrication is critical to engine longevity. Evinrude E-TEC outboards are programmed at the factory to run on Evinrude direct injection Oil or Evinrude Johnson XD25 Outboard Oil. For added security and cost reduction, an authorized Evinrude/Johnson dealer can program an E-TEC outboard to use Evinrude/Johnson XD100 Oil. Evinrude/Johnson XD100 Oil is a premium synthetic formulation that delivers ultimate performance while providing the opportunity to reduce oil consumption. XD100 provides unsurpassed protection against friction and wear, maximum detergency for lowest combustion deposits, and is smokeless, ashless and odorless. You can also use this oil in other DI or oil injection outboards.



### **AUTO STORAGE**

The closed Evinrude E-TEC outboard and fuel system virtually eliminates fuel oxidation (varnish). With the auto storage mode there is no need to take the boat back to the dealership for winterization or off-season storage. Evinrude E-TEC outboards feature a sealed fuel system, which virtually eliminates fuel oxidation (varnish).



### DEEP GUARD CORROSION PROTECTION

Deep Guard Corrosion Protection is a process of 14 washing and rinsing cycles, a conversion coating, sealer, baked-on Strontium Chromate primer and baked-on high solids Melamine top coat. In addition, clear coat is applied to the upper and lower motor covers to add luster and provide UV ray protection for the finish. EDP—Electro Deposition Paint is applied to all the aluminum housings below the power head on all Evinrude models. EDP is applied by giving the parts an electrical charge. Those parts are immersed in the paint which has an opposite electrical charge. Paint is drawn into surface providing complete uniform coverage. Finally, Evinrude Saltwater Edition outboards feature extensive use of stainless steel components which include: the steering tube, steering arm and pivot shaft, driveshaft and propshafts and fasteners.



*EDP creates a durable finish for added protection in a harsh marine environment.*



# EVINRUDE®

E-TEC™

## 75

NEW!

E75DPLSR




## 90

NEW!

E90DPLSR  
E90DSLRSR  
E90DPXSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>EASY TO OWN &amp; OPERATE</b>		
<b>E-TEC Lubrication System</b>	Ultra low oil consumption when using Evinrude XD 100™ Oil and dealer-programmed EMM. Complete combustion prevents virtually any oil from escaping into the environment.	Add oil only once a year in normal recreational use. Better for the environment.
<b>Idle Air Bypass Circuit and Acoustically Tuned Air Intake Silencer</b>	Reduces air intake noise.	Quieter running engine for more pleasurable boating.
<b>Low Maintenance Technology</b>	No dealer scheduled maintenance for three years of normal recreational use or 300 hours.	Hassle-free boating. More fun on the water.
<b>No Break-in Period</b>	Gives consumers the ability to operate their engine at any speed when new.	No need for slow speed break-in.
<b>Auto Storage Mode</b>	No need to take to the dealer for winterization or off-season storage.	Save money. Hassle-free ownership.
<b>CARB 3 STAR</b>	Meets the most stringent CARB emission regulations for outboards.	Considers the environment. Pleasurable boating experience.
<b>Three Year Non-Declining Limited Warranty</b>	Coverage does not decline during the warranty period.	Peace of mind.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
<b>EDP-Electro Deposition Paint</b>	EDP is applied to all aluminum housings below the powerhead.	Creates a durable finish to add protection for the harsh marine environments.
<b>Stainless Steel Components</b>	Evinrude outboards utilize stainless steel drive shafts, prop shaft, shift shaft and steering tube to provide superior collision resistance.	Added corrosion protection for the harsh marine environment.
<b>Large Robust Gearcase &amp; Propellers</b>	Strong durable parts increase durability, reliability and engine life.	Peace of mind.
<b>S.A.F.E.™ Speed Adjusting Failsafe Electronics</b>	In an event of no oil or an overheat situation, the engine will go into slow speed mode to help prevent damage.	Helps to prevent engine damage.
<b>Large Engine Powerhead Components</b>	Strong durable parts increase durability, reliability and engine life.	Long engine life. Peace of mind.
 <b>PERFORMANCE</b>		
<b>E-TEC Direct Injection</b>	<p>Up to double the fuel efficiency of conventional 2-Stroke engine technologies.</p> <p>A power stroke every revolution of the crankshaft.</p> <p>Stratified combustion.</p> <p>More efficient. Twice as fast as conventional DI.</p> <p>Easier and faster starts.</p>	<p>Extended range, fewer fill-ups and lower operating costs.</p> <p>Quicker acceleration and faster top end speed and more torque.</p> <p>Best in class fuel economy at idle and trolling speeds.</p> <p>More power and better fuel consumption at all throttle settings.</p> <p>Just turn the key and go.</p>
<b>Compact &amp; Lightweight</b>	Ability to be mounted on smaller, lighter boats for improved performance.	Increased performance and more enjoyable time on the water.

# EVINRUDE®

## E-TEC™



### SPECIFICATIONS

#### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

#### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

#### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

#### EMISSIONS COMPLIANCE

#### LIMITED WARRANTY



# 75

**NEW!** E75DPLSR

# 90

**NEW!** E90DPLSR  
E90DSLRSR  
E90DPXSR



		E90DPLSR \$ _____
		E90DSLRSR \$ _____
E75DPLSR \$ _____		E90DPXSR \$ _____
75 HP	90 HP	
E75DPLSR	(a) E90DPLSR	
	(b) E90DSLRSR	
	(c) E90DPXSR	
In-Line 3-Cylinder E-TEC	In-Line 3-Cylinder E-TEC	
1295 cc (79 ci)	1295 cc (79 ci)	
91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)	
145 kg (320 lb)	(a) (b) 145 kg (320 lb)	
	(c) 148 kg (326 lb)	
4500-5500 RPM	4500-5500 RPM	
(56 kw) 75 HP @ 5000 RPM	(67 kw) 90 HP @ 5000 RPM	
E-TEC direct fuel injection w/stratified low	E-TEC direct fuel injection w/stratified low	
RPM combustion mode	RPM combustion mode	
Electric	Electric	
Variable Voltage Computer Controlled	Variable Voltage Computer Controlled	
75 Amp*/1100 watt output w/ regulator	75 Amp*/1100 watt output w/ regulator	
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled	
FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt	
-6 deg to +15 deg	-6 deg to +15 deg	
75 Degrees	75 Degrees	
20" (508) / Blue	(a) 20" (508) / Blue	
	(b) 20" (508) / White	
	(c) 25" (635) / White	
2:1	(a) (b) 2:1	
	(c) 2.25:1	
87 Octane	87 Octane	
Evinrude XD 100™ Oil	Evinrude XD 100™ Oil	
E-TEC Auto Lube	E-TEC Auto Lube	
EPA	EPA	
CARB 3 STAR	CARB 3 STAR	
European Union	European Union	
3 Year Non-Declining*	3 Year Non-Declining*	

EVINRUDE E-TEC

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

## E-TEC™

### COMPETITIVE SPECIFICATIONS

MODEL & HP	EVINRUDE E-TEC 75/90 HP
------------	-------------------------

Engine Type	Evinrude E-TEC Direct Injection In-Line 3-Cylinder
-------------	---

**Consumer Benefit:** Evinrude E-TEC design provides abundant horsepower and torque and a lightweight, compact package.

Displacement cu in. (cc)	79.4 ci / 1295 cc
Gear Ratio	2.01
RPM Range	5250-5750
Weight*	320 lb / 145 kg

**Consumer Benefit:** Direct Injection makes Evinrude E-TEC outboards the lightest engines in their class, providing overall superior boat performance.

Alternator	Variable Voltage Computer Controlled 75 Amp* / 1100 watt output w/regulator
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**Consumer Benefit:** While our competitors publish high amperage ratings, the truth is, much of their alternator output is consumed by the engine's own systems.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's Limited 3 Year Warranty has no declining coverage. Evinrude also boasts one of the most professionally-trained and complete dealer networks in the marine industry.

Electro Deposition Paint	All Models
Stainless Steel Steering Arm & Shaft	Saltwater Edition Models
Relieved Split Line Gearcase	All Models
Freshwater Flush Adapter	All Models

**Consumer Benefit:** All Evinrude Saltwater Edition outboards come with many corrosion protection features. Whether the environment is salty, mineral rich or full of sediment, an Evinrude outboard is designed to survive.

Low Profile Design	All Models
Turn Key Starting	All Models
No Adjustment Throttle Linkage	All Models
No Crankcase Oil to Change	All Models
No Valves to Adjust	All Models
No Chains or Belts	All Models

**Consumer Benefit:** Low maintenance is one of the keys to a pleasurable boating experience. Unhindered by the complex systems that make up some competitive outboards, with Evinrude E-TEC, there are no oil changes, no valves to adjust, no chains or belts to worry about. E-TEC outboards are easy to own and operate.

\*75 Amp current calculated at 13.5V. Net dedicated battery charging power output is 25 Amp.

# 75

**NEW!** E75DPLSR

# 90

**NEW!** E90DPLSR  
E90DSLRSR  
E90DPXSR

YAMAHA 75/90 HP	MERCURY 75/90 HP	HONDA 75/90 HP	Evinrude E-TEC
4-Stroke	Direct Injection	4-Stroke	
In-Line 4-Cylinder DOHC	In-Line 3-Cylinder	In-Line 4-Cylinder SOHC	
75/90 HP Carburetors	Orbital Direct Injection	75/90 HP Carburetors	
97 ci / 1596 cc	92.96 ci / 1526 cc	97 ci / 1590 cc	
2.31:1	2.33:1	2.3:1	
5000-6000	5000-5750	5000-6000	
370 lb / 168 kg	360 lb / 163 kg	373 lb / 169 kg	
20 Amp	60 Amp	16 Amp	
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage	
NO	Some Models	NO	
NO	Some Models	NO	
NO	NO	NO	
All Models	All Models	NO	
NO	NO	NO	
NO	All Models	NO	
NO	NO	NO	
NO	All Models	NO	
NO	All Models	NO	
NO	NO	NO	

\*Listed weights refer to each manufacturer's 20" shaft, standard rotation model. All weights are published catalog weights.

\*\*Warranty coverage based on 2004 Evinrude coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

# EVINRUDE®

E-TEC™

## 40

NEW!

E40DRLSR  
E40DELSR  
E40DPLSR

## 50

NEW!

E50DPLSR

## 60




NEW!

E60DPLSR





# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>EASY TO OWN &amp; OPERATE</b>		
<b>E-TEC Lubrication System</b>	Ultra low oil consumption when using Evinrude XD 100™ Oil and dealer-programmed EMM. Complete combustion prevents virtually any oil from escaping into the environment.	Add oil only once a year in normal recreational use. Better for the environment.
<b>Idle Air Bypass Circuit and Acoustically Tuned Air Intake Silencer</b>	Reduces air intake noise.	Quieter running engine for more pleasurable boating.
<b>Low Maintenance Technology</b>	No dealer scheduled maintenance for three years of normal recreational use or 300 hours.	Hassle-free boating. More fun on the water.
<b>No Break-in Period</b>	Gives consumers the ability to operate their engine at any speed when new.	No need for slow speed break-in.
<b>Auto Storage Mode</b>	No need to take to the dealer for winterization or off-season storage.	Save money. Hassle-free ownership.
<b>CARB 3 STAR</b>	Meets the most stringent CARB emission regulations for outboards.	Considers the environment. Pleasurable boating experience.
<b>Three Year Non-Declining Limited Warranty</b>	Coverage does not decline during the warranty period.	Peace of mind.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
<b>EDP-Electro Deposition Paint</b>	EDP is applied to all aluminum housings below the powerhead.	Creates a durable finish to add protection for the harsh marine environments.
<b>Stainless Steel Components</b>	Evinrude outboards utilize stainless steel drive shafts, prop shaft, shift shaft and steering tube to provide superior collision resistance.	Added corrosion protection for the harsh marine environment.
<b>Large Robust Gearcase &amp; Propellers</b>	Strong durable parts increase durability, reliability and engine life.	Peace of mind.
<b>S.A.F.E.™ Speed Adjusting Failsafe Electronics</b>	In an event of no oil or an overheat situation, the engine will go into slow speed mode to help prevent damage.	Helps to prevent engine damage.
<b>Large Engine Powerhead Components</b>	Strong durable parts increase durability, reliability and engine life.	Long engine life. Peace of mind.
 <b>PERFORMANCE</b>		
<b>E-TEC Direct Injection</b>	<p>Up to double the fuel efficiency of conventional 2-Stroke engine technologies.</p> <p>A power stroke every revolution of the crankshaft.</p> <p>Stratified combustion.</p> <p>More efficient. Twice as fast as conventional DI.</p> <p>Easier and faster starts.</p>	<p>Extended range, fewer fill-ups and lower operating costs.</p> <p>Quicker acceleration and faster top end speed and more torque.</p> <p>Best in class fuel economy at idle and trolling speeds.</p> <p>More power and better fuel consumption at all throttle settings.</p> <p>Just turn the key and go.</p>
<b>Compact &amp; Lightweight</b>	Ability to be mounted on smaller, lighter boats for improved performance.	Increased performance and more enjoyable time on the water.

# EVINRUDE®

## E-TEC™



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



# 40

NEW!

E40DPLSR  
E40DELSR  
E40DRLSR

# 50

NEW!

E50DPLSR

# 60

NEW!

E60DPLSR\*\*



E40DPLSR \$_____		
E40DELSR \$_____		
E40DRLSR \$_____	E50DPLSR \$_____	E60DPLSR \$_____
<b>40 HP</b>	<b>50 HP</b>	<b>60 HP**</b>
(a) E40DPLSR	E50DPLSR	E60DPLSR
(b) E40DELSR		
(c) E40DRLSR		
In-Line 2-Cylinder E-TEC	In-Line 2-Cylinder E-TEC	In-Line 2-Cylinder E-TEC
863 cc (52.7 ci)	863 cc (52.7 ci)	863 cc (52.7 ci)
91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)
109 kg (240 lb)	107 kg (235 lb)	107 kg (235 lb)
4500-5500 RPM	5500-6000 RPM	5500-6000 RPM
(30 kw) 40 HP @ 5000 RPM	(37 kw) 50 HP @ 5500 RPM	(45kw) 60 HP @ 5500 RPM
E-TEC direct fuel injection w/ stratified low RPM combustion mode	E-TEC direct fuel injection w/ stratified low RPM combustion mode	E-TEC direct fuel injection w/ stratified low RPM combustion mode
(a) (b) Electric	Electric	Electric
(c) Rope		
Variable Voltage Computer	Variable Voltage Computer	Variable Voltage Computer
Controlled 75 Amp*/1100 watt output w/ regulator	Controlled 75 Amp*/1100 watt output w/ regulator	Controlled 75 Amp*/1100 watt output w/ regulator
Pressure & Water Temp	Pressure & Water Temp	Pressure & Water Temp
Controlled	Controlled	Controlled
(a) Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt
(b) (c) Manual Trim & Tilt		
-6 deg to +15 deg	-6 deg to +15 deg	-6 deg to +15 deg
75 Degrees	75 Degrees	75 Degrees
20" (508) / Blue	20" (508) / Blue	20" (508) / Blue
2.67:1	2.67:1	2.67:1
87 Octane	87 Octane	87 Octane
Evinrude XD 100™ Oil	Evinrude XD 100™ Oil	Evinrude XD 100™ Oil
Auto Lube	Auto Lube	Auto Lube
EPA	EPA	EPA
CARB 3 STAR	CARB 3 STAR	CARB 3 STAR
European Union	European Union	European Union
3 Year Non-Declining*	3 Year Non-Declining*	3 Year Non-Declining*

EVINRUDE E-TEC

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.

\*\*60 HP late release.



# EVINRUDE®

## E-TEC™

### COMPETITIVE SPECIFICATIONS

# 40

NEW!

E40DPLSR  
E40DELSR  
E40DRLSR

# 50

NEW!

E50DPLSR

# 60

NEW!

E60DPLSR

MODEL & HP	EVINRUDE E-TEC 40/50/60 HP
Engine Type	Evinrude E-TEC Direct Injection In-Line 2-Cylinder

**Consumer Benefit:** Evinrude E-TEC design provides abundant horsepower and torque and a lightweight, compact package.

Displacement cu in. (cc)	52.7 ci / 863 cc
Gear Ratio	2.67:1
RPM Range	4500-5500
Weight*	240 lb / 109 kg

**Consumer Benefit:** Evinrude E-TEC outboards are lightweight, compact outboards that provide overall superior boat performance.

Alternator	Variable Voltage Computer Controlled 75 Amp* / 1100 watt output w/regulator
------------	---

**Consumer Benefit:** The Evinrude E-TEC has the most powerful alternator in its class, providing more power to run the accessories that are needed.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's Limited 3 Year Warranty has no declining coverage. Evinrude also boasts one of the most professionally-trained and complete dealer networks in the marine industry.

Low Profile Design	All Models
Turn Key Starting	All Models
No Adjustment Throttle Linkage	All Models
No Crankcase Oil to Change	All Models
No Valves to Adjust	All Models
No Chains or Belts	All Models

**Consumer Benefit:** Low maintenance is one of the keys to a pleasurable boating experience. Unhindered by the complex systems that make up some competitive outboards, with Evinrude, there are no oil changes, no valves to adjust, no chains or belts to worry about. E-TEC outboards are easy to own and operate.

\*75 Amp current calculated at 13.5V. Net dedicated battery charging power output is 25 Amp.

YAMAHA 40/50/60 HP	MERCURY 40/50/60 HP	HONDA 40/50 HP	Evinrude E-TEC
4-Stroke	4-Stroke	4-Stroke	
40 HP: 3 Cylinder In-Line	40 HP: 3-Cylinder In-Line	3-Cylinder In-Line	
50 HP: 4 Cylinder In-Line	50 HP: 4-Cylinder In-Line	SOHC 2-Valve	
60 HP: 4 Cylinder In-Line	60 HP: 4-Cylinder In-Line	Carburetion	
SOHC 2-Valve	SOHC 2-Valve		
Carburetion	EFI		
40 HP: 45.6 ci / 747 cc	40 HP: 45.6 ci / 747 cc	49.4 ci / 808 cc	
50 HP: 57 ci / 935 cc	50/60 HP: 60.8 ci / 995 cc		
60 HP: 60.8 ci / 996 cc	40 HP: 2:1	2.08:1	
40 HP: 2:1	50/60 HP: 1.83:1		
50 HP: 1.85:1			
60 HP: 1.85:1			
5000-6000	5500-6000	40 HP: 5000-6000	
		50 HP: 5500-6000	
40 HP: 182 lb / 83 kg	40 HP: 216 lb / 98 kg	205 lb / 93 kg	
50 HP: 233 lb / 106 kg	50/60 HP: 248 lb / 112 kg		
60 HP: 244 lb / 111 kg			
10 Amp	18 Amp	10 Amp	
3 Year Declining Coverage	3 Year Non-Declining Coverage	3 Years Non-Declining Coverage	
NO	NO	NO	
NO	EFI Models	NO	
NO	NO	NO	
NO	NO	NO	
NO	NO	NO	
NO	NO	NO	

\*Listed weights refer to each manufacturer's 20" shaft, standard rotation model. All weights are published catalog weights.

\*\*Warranty coverage based on 2004 Evinrude coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

THERE'S ONLY ONE  
THING MISSING FROM OUR DIRECT  
INJECTION LINE-UP.  
COMPROMISE.



GIVE UP PERFORMANCE?  
MIGHT AS WELL  
GIVE UP FISHING.





**DIRECT INJECTION**

## **POWERFUL:**

- *Evinrude Direct Injection outboards offer abundant power, torque and speed from 100-250 horsepower.*

## **INNOVATIVE:**

- *Evinrude direct injection delivers exceptional fuel economy and performance while meeting the world's most stringent emission standards for gasoline outboards.*

## **UNCOMPROMISING:**

- *Less maintenance*
- *Less weight*
- *Less emissions*
- *More power*
- *More torque*
- *More speed*
- *More fuel economy*
- *More warranty coverage*

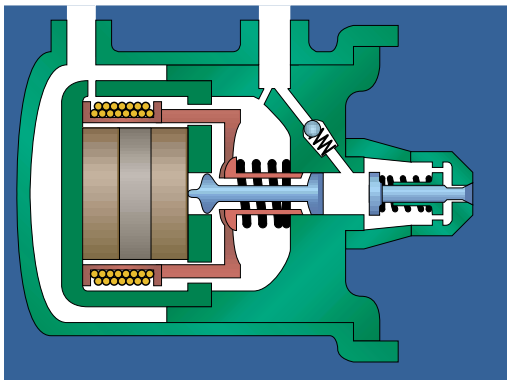
### EVINRUDE DIRECT INJECTION ENGINES OVERVIEW

Direct injection, D.I., is the process of injecting a fuel-charge directly into the combustion chamber. Evinrude incorporates direct injection on its engines from 100-250 HP designed for fresh and saltwater applications. It uses a computer-based electronic engine management system to coordinate delivery of precise fuel quantities into the combustion chamber.

Evinrude direct injection injects highly pressurized fuel into the combustion chamber at a cyclic rate of up to 100 times a second at pressures up to 450 psi. This method of introducing the fuel into the cylinder enhances the fuel burn to improve fuel efficiency. Because the pulsing of the fuel is timed to occur after the piston has closed off the exhaust port, emissions are greatly reduced and fuel economy is significantly enhanced.

Additional fuel economy and performance are attained by a sensor that constantly monitors the exhaust pressure. The sensor provides feedback to the engine management module, which then optimizes fuel delivery for the best performance and economy under any operating condition. Only Evinrude direct injection can boast about the efficiency and reliable performance this feature provides. The result is a high performance engine with the high power-to weight ratio expected of a two-stroke power plant, plus the fuel economy and efficiency expected of a four-stroke engine.

Evinrude direct injection delivers uncompromising levels of performance and fuel economy.



*The Evinrude direct injection delivers precise Fuel quantities into the combustion chamber.*



## EVINRUDE/JOHNSON XD50™ HIGH DETERGENCY INJECTION OIL

Lubrication is critical to engine longevity. Give your Evinrude direct injection outboard the best—Evinrude/Johnson XD50 High Detergency Injection Oil. This is a synthetic oil blend with CARBX additive. With CARBX, carbon molecules are kept in suspension and pulled away from the combustion area. The result is fewer carbon deposits in the cylinder, delivering continued combustion efficiency. Evinrude/Johnson XD50 High Detergency Injection Oil surpasses all industry standards for lubricity, rust protection, and detergency. You can use this oil in other D.I. or oil injection outboards.

### EASE OF MAINTENANCE:

**Evinrude Outboards with Direct Injection (D.I.) versus Current Two-Stroke Outboards:** The closed Evinrude direct injection fuel system virtually eliminates fuel oxidation (varnish). Also, with only one adjustment you can synchronize all the throttles.

### DEEP GUARD CORROSION PROTECTION

Deep Guard Corrosion Protection is a process of 14 washing and rinsing cycles, a conversion coating, sealer, baked-on Strontium Chromate primer and baked-on high solids Melamine top coat. In addition, clear coat is applied to the upper and lower motor covers to add luster and provide UV ray protection for the finish. EDP—Electro Deposition Paint, is applied to all the aluminum housings below the power head on all Evinrude models. EDP is applied by giving the parts an electrical charge. Those parts are immersed in the paint which has an opposite electrical charge. Paint is drawn into the surface, providing complete uniform coverage. Finally, Evinrude Saltwater Edition outboards feature extensive use of stainless steel components which include: the steering tube, steering arm and pivot shaft, driveshaft and propshafts and fasteners.



*EDP creates a durable finish for added protection in a harsh marine environment.*



# EVINRUDE®

DIRECT INJECTION

## 200

E200FPLSR  
E200FSLSR  
E200FPXSR  
E200FCXSR

## 200<sub>H.O.</sub>

E200FHLSR

## 225

E225FPLSR  
E225FPXSR  
E225FCXSR  
E225FPZSR  
E225FCZSR

## 225<sub>H.O.</sub>

E225FHLSR  
E225FHXR




NEW!

## 250

E250FPLSR  
E250FPXSR  
E250FCXSR  
E250FPZSR  
E250FCZSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Evinrude Direct Injection	<p>Up to double the fuel efficiency of conventional 2-Stroke engine technologies.</p> <p>A power stroke every revolution of the crankshaft.</p> <p>Stratified combustion.</p> <p>More efficient. Twice as fast as conventional DI.</p> <p>Easier and faster starts.</p>	<p>Extended range, fewer fill-ups and lower operating costs.</p> <p>Quicker acceleration and faster top end speed and more torque.</p> <p>Excellent fuel economy at idle and trolling speeds.</p> <p>More power and better fuel consumption at all throttle settings.</p> <p>Just turn the key and go.</p>
Large 3.3 Liter Displacement	More power and torque.	More power and torque to push heavy boats.
H.O. Models Available in 200/225hp	High performance gearcase with low water pickup.	Increased performance and handling for tournament fishermen or high performance boaters.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
DeepGuard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
EDP-Electro Deposition Paint	EDP is applied to all aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge to provide complete, uniform coverage.	Creates a durable finish to add protection for the harsh marine environments.
Heavy Duty Gearcase	Uses large gears to handle heavy loads.	Durable gearcase that is at home pushing heavy boats.
Saltwater Edition Corrosion Protection Features	Resists the harsh elements of the salt-water environment to protect your investment.	Low maintenance. Long engine life.
 <b>EASY TO OWN</b>		
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle-free boating. More fun on the water.
E-Cal Auto Lube	Oil system that eliminates mixing oil and gas. Complete combustion prevents virtually any oil from escaping into the environment.	Easy to use and good for the environment.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 2 STAR	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.

# EVINRUDE®

DIRECT INJECTION

## 225

E225FPLSR  
E225FPXSR  
E225FCXSR  
E225FPZSR  
E225FCZSR

## 225<sub>H.O.</sub>

E225FHLSR  
E225FHXSR

NEW!

## 250

E250FPLSR  
E250FPXSR  
E250FCXSR  
E250FPZSR  
E250FCZSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



E225FPLSR \$ _____		E250FPLSR \$ _____
E225FPXSR \$ _____		E250FPXSR \$ _____
E225FCXSR \$ _____		E250FCXSR \$ _____
E225FPZSR \$ _____	E225FHLSR \$ _____	E250FPZSR \$ _____
E225FCZSR \$ _____	E225FHXSRL \$ _____	E250FCZSR \$ _____
<b>225 HP</b>	<b>225 HP H.O.</b>	<b>250 HP</b>
(a) E225FPLSR (d) E225FPZSR	(a) E225FHLSR	(a) E250FPLSR (d) E250FPZSR
(b) E225FPXSR (e) E225FCZSR	(b) E225FHXSRL	(b) E250FPXSR (e) E250FCZSR
(c) E225FCXSR		(c) E250FCXSR
Loop Charged V6 90 Degree	Loop Charged V6 90 Degree	Loop Charged V6 90 Degree
3279 cc (200 ci)	3279 cc (200 ci)	3279 cc (200 ci)
98 x 73 mm (3.854 x 2.858 in)	98 x 73 mm (3.854 x 2.858 in)	98 x 73 mm (3.854 x 2.858 in)
(a) 238 kg (524 lbs)	(a) 235 kg (517 lbs)	(a) 238 kg (524 lbs)
(b) (c) 241 kg (532 lbs)	(b) 238 kg (524 lbs)	(b) (c) 241 kg (532 lbs)
(d) (e) 244 kg (538 lbs)		(d) (e) 244 kg (538 lbs)
5500-6000 RPM	5500-6000 RPM	5500-6000 RPM
(168 kw) 225 HP @ 5750 RPM	Factory Tuned for High Performance	(187 kw) 250 HP @ 5750 RPM
direct injection w/stratified low	direct injection w/stratified low	direct injection w/stratified low
RPM combustion mode	RPM combustion mode	RPM combustion mode
Electric	Electric	Electric
Dual Voltage 60 Amp	Dual Voltage 60 Amp	Dual Voltage 60 Amp
Pressure & Water Temp	Pressure & Water Temp	Pressure & Water Temp
Controlled	Controlled	Controlled
FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt
-6 deg to +15 deg	-6 deg to +15 deg	-6 deg to +15 deg
75 Degrees	75 Degrees	75 Degrees
(a) 20" (508) / Blue	(a) 20" (508) / Blue	(a) 20" (508) / Blue
(b) (c) 25" (635) / White	(b) 25" (635) / Blue	(b) (c) 25" (635) / White
(d) (e) 30" (762) / White		(d) (e) 30" (762) / White
1.85:1	1.86:1 High Speed	1.85:1
87 Octane	87 Octane	87 Octane
Evinrude XD 100™ Oil	Evinrude XD 100™ Oil	Evinrude XD 100™ Oil
Oil Injection	Oil Injection	Oil Injection
EPA	EPA	EPA
CARB 2 STAR	CARB 2 STAR	CARB 2 STAR
European Union	European Union	European Union
3 Year Non-Declining*	3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

DIRECT INJECTION

## 200

E200FPLSR  
E200FSLSR  
E200FPXSR  
E200FCXSR

## 200<sub>H.O.</sub>

E200FHLSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



E200FPLSR \$ \_\_\_\_\_

E200FSLSR \$ \_\_\_\_\_

E200FPXSR \$ \_\_\_\_\_

E200FCXSR \$ \_\_\_\_\_

E200FHLSR \$ \_\_\_\_\_

**200 HP****200HP H.O.**

(a) E200FPLSR

E200FHLSR

(b) E200FSLSR

(c) E200FPXSR

(d) E200FCXSR

Loop Charged V6 90 Degree

Loop Charged V6 90 Degree

3279 cc (200 ci)

3279 cc (200 ci)

98 x 73 mm (3.854 x 2.858 in)

98 x 73 mm (3.854 x 2.858 in)

(a) (b) 238 kg (524 lb)

235 kg (517 lb)

(c) (d) 241 kg (532 lb)

5000-6000 RPM

5500-6000RPM

(149 kw) 200 HP @ 5500 RPM

Factory Tuned for High Performance

direct injection w/stratified low RPM

direct injection w/stratified low RPM

combustion mode

combustion mode

Electric

Electric

Dual Voltage 60 Amp

Dual Voltage 60 Amp

Pressure &amp; Water Temp Controlled

Pressure &amp; Water Temp Controlled

FasTrak™ Power Trim &amp; Tilt

FasTrak™ Power Trim &amp; Tilt

-6 deg to +15 deg

-6 deg to +15 deg

75 Degrees

75 Degrees

(a) 20" (508) / Blue

20" (508) / Blue

(b) 20" (508) / White

(c) (d) 25" (635) / White

1.85:1

1.86:1 High Speed

87 Octane

87 Octane

Evinrude XD 100™ Oil

Evinrude XD 100™ Oil

Oil Injection

Oil Injection

EPA

EPA

CARB 2 STAR

CARB 2 STAR

European Union

European Union

3 Year Non-Declining\*

3 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

**DIRECT INJECTION**

## COMPETITIVE SPECIFICATIONS

### 200

E200FPLSR  
E200FSLSR  
E200FPXSR  
E200FCXSR

### 200<sub>H.O.</sub>

E200FHLSR

### 225

E225FPLSR  
E225FPXSR  
E225FCXSR  
E225FPZSR  
E225FCZSR

### 225<sub>H.O.</sub>

E225FHLSR  
E225FHXS

**NEW!**

### 250

E250FPLSR  
E250FPXSR  
E250FCXSR  
E250FPZSR  
E250FCZSR

MODEL & HP	EVINRUDE 200/225/250 HP
Engine Type	Evinrude direct injection
	90° V-6 Loop Charged

**Consumer Benefit:** Evinrude direct injection design provides more horsepower and more torque. Stronger out of the hole performance, faster throttle response, superior fuel economy. Evinrude outboards with Direct Injection make a power stroke every revolution of the crankshaft, providing power and torque for the most demanding applications. Whether towing a skier, planing a tournament fishing load or plowing through heavy seas, Evinrude outboards have the power to get the job done.

Displacement cu in. (cc)	200 ci / 3279 cc
Gear Ratio	1.85:1
RPM Range	5500-6000
Weight*	532 lb / 241 kg

**Consumer Benefit:** Direct Injection helps make Evinrude outboards among the lightest engines in their class, providing overall superior boat performance and boat handling characteristics.

Alternator	Dual Voltage / 60 Amp
------------	-----------------------

**Consumer Benefit:** While our competitors publish high amperage ratings, much of their alternator output is consumed by the engine's own systems. All Evinrude outboards feature dual voltage, 60 amp alternators. One side of the alternator powers the engine's systems, the other is exclusively available to power all the onboard electronics, pumps, etc. that today's consumers demand. In addition, some of our competitors use belt-driven, automotive type designs that can be compromised in marine environments. Evinrude's system is designed and engineered to last.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's full 3 year warranty has no declining coverage. Evinrude also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Electro Deposition Paint	All Models
Stainless Steel Steering Arm & Shaft	Saltwater Edition Models
Closed Deck Cylinder Block Assembly	All Models
Relieved Split Line Gearcase	All Models
Freshwater Flush Adapter	All Models

**Consumer Benefit:** Evinrude Saltwater Edition outboards come with many complete corrosion protection features. Whether the environment is salty, mineral rich or full of sediment, an Evinrude outboard is designed to survive.

No Adjustment Throttle Linkage	All Models
Adjustable Cooling Water Tell-Tale	All Models
Tilt Limit Switch	All Models
No Crankcase Oil to Change	All Models
No Valves to Adjust	All Models
No Chains or Belts	All Models

**Consumer Benefit:** Low maintenance and operator convenience are keys to a pleasurable boating experience. Unhampered by the complex systems that make up some competitive outboards, with Evinrude, there are no oil changes, no valves to adjust, no chains or belts to worry about.



YAMAHA 200/225 HP	MERCURY 200/225 HP	HONDA 200/225 HP	Evinrude DI
4-Stroke	Direct Injection	4-Stroke	
60° V-6 EFI DOHC	60° V-6 Orbital Fuel Injection	60° V-6 EFI SOHC	
205 ci / 3352 cc	185 ci / 3032 cc	212 ci / 3471 cc	
2:1	1.75:1	1.86:1	
5000-6000	5000-5750	5000-6000	
605 lb / 274 kg	527 lb / 239 kg	615 lb / 279 kg	
45 Amp	60 Amp	60 Amp	
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage	
Some Models	Some Models	NO	
Some Models	Some Models	NO	
NO	NO	NO	
NO	NO	NO	
All Models	All Models	NO	
NO	NO	NO	
NO	NO	NO	
NO	NO	NO	
NO	All Models	NO	
NO	All Models	NO	
NO	NO	NO	

\*Listed weights refer to each manufacturer's 25" shaft, standard rotation model. All weights are actual weights with motor cover, battery cables, and gear lube (no prop or prop hardware or crankcase lubrication oil).

\*\*Warranty coverage based on 2004 Evinrude coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

# EVINRUDE®

DIRECT INJECTION

## 135

E135FPLSR  
E135FSLSR  
E135FPXSR  
E135FCXSR

## 150

E150FPLSR  
E150FSLSR  
E150FPXSR  
E150FCXSR

## 150<sub>H.O.</sub>




E150FHLSR

## 175

E175FPLSR  
E175FSLSR  
E175FPXSR  
E175FCXSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Evinrude Direct Injection	<p>Up to double the fuel efficiency of conventional 2-stroke engine technologies.</p> <p>A power stroke every revolution of the crankshaft.</p> <p>Stratified combustion.</p> <p>More efficient. Twice as fast as conventional DI.</p> <p>Easier and faster starts.</p>	<p>Extended range, fewer fill-ups and lower operating costs.</p> <p>Quicker acceleration and faster top end speed and more torque.</p> <p>Excellent fuel economy at idle and trolling speeds.</p> <p>More power and better fuel consumption at all throttle settings.</p> <p>Just turn the key and go.</p>
H.O. Model Available in 150 HP	High performance gearcase with low water pickup.	Increased performance and handling for tournament fishermen or high performance boaters.
FasTrak™ Trim & Tilt	75 degrees of trim and tilt range to increase your boat's efficiency.	Gives the consumer the ability to adjust the attitude of a boat, to increase the performance and fuel economy, depending on the load and water conditions.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
DeepGuard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
EDP-Electro Deposition Paint	EDP is applied to all aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge to provide complete, uniform coverage.	Creates a durable finish to add protection for the harsh marine environments.
Heavy Duty Gearcase	Uses large gears to handle heavy loads.	Durable gearcase that is at home pushing heavy boats.
Saltwater Edition Corrosion Protection Features	Resists the harsh elements of the saltwater environment to protect your investment.	Low maintenance. Long engine life.
 <b>EASY TO OWN</b>		
E-Cal Auto Lube	Oil system that eliminates mixing oil and gas. Complete combustion prevents virtually any oil from escaping into the environment.	Easy to use and good for the environment.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 2 STAR	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.

# EVINRUDE®

DIRECT INJECTION

## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY

# 150<sup>H.O.</sup>

E150FHLSR

# 175

E175FPLSR

E175FSLSR

E175FPXSR

E175FCXSR



	E175FPLSR \$ _____
	E175FSLSR \$ _____
	E175FPXSR \$ _____
E150FHLSR \$ _____	E175FCXSR \$ _____
150 HP H.O.	175 HP
E150FHLSR	(a) E175FPLSR
	(b) E175FSLSR
	(c) E175FPXSR
	(d) E175FCXSR
Loop Charged V6 60 Degree	Loop Charged V6 60 Degree
2589 cc (158 ci)	2589 cc (158 ci)
91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)
190 kg (419 lb)	(a) (b) 190 kg (419 lb)
	(c) (d) 194 kg (427 lb)
5000-5500 RPM	5250-5750 RPM
Factory Tuned for High Performance	(131 kw) 175 HP @ 5500 RPM
direct injection w/stratified low RPM	direct injection w/stratified low RPM
combustion mode	combustion mode
Electric	Electric
Dual Voltage 60 Amp	Dual Voltage 60 Amp
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled
FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt
-6 deg to +15 deg	-6 deg to +15 deg
75 Degrees	75 Degrees
20" (508) / Blue	(a) 20" (508) / Blue
	(b) 20" (508) / White
	(c) (d) 25" (635) / White
1.86:1 High Speed	(a) (b) 1.86:1
	(c) (d) 1.85:1
87 Octane	87 Octane
Evinrude XD 100™ Oil	Evinrude XD 100™ Oil
Oil Injection	Oil Injection
EPA	EPA
CARB 2 STAR	CARB 2 STAR
European Union	European Union
3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

DIRECT INJECTION

## 135

E135FPLSR  
E135FSLSR  
E135FPXSR  
E135FCXSR

## 150

E150FPLSR  
E150FSLSR  
E150FPXSR  
E150FCXSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



E135FPLSR \$ _____	E150FPLSR \$ _____
E135FSLSR \$ _____	E150FSLSR \$ _____
E135FPXSR \$ _____	E150FPXSR \$ _____
E135FCXSR \$ _____	E150FCXSR \$ _____
<b>135 HP</b>	<b>150 HP</b>
(a) E135FPLSR	(a) E150FPLSR
(b) E135FSLSR	(b) E150FSLSR
(c) E135FPXSR	(c) E150FPXSR
(d) E135FCXSR	(d) E150FCXSR
Loop Charged V6 60 Degree	Loop Charged V6 60 Degree
2589 cc (158 ci)	2589 cc (158 ci)
91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)
(a) (b) 190 kg (419 lb)	(a) (b) 190 kg (419 lb)
(c) (d) 194 kg (427 lb)	(c) (d) 194 kg (427 lb)
4750-5250 RPM	4750-5250 RPM
(107 kw) 135 HP @ 5000 RPM	(112 kw) 150 HP @ 5000 RPM
direct injection w/stratified low RPM	direct injection w/stratified low RPM
combustion mode	combustion mode
Electric	Electric
Dual Voltage 60 Amp	Dual Voltage 60 Amp
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled
FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt
-6 deg to +15 deg	-6 deg to +15 deg
75 Degrees	75 Degrees
(a) 20" (508) / Blue	(a) 20" (508) / Blue
(b) 20" (508) / White	(b) 20" (508) / White
(c) (d) 25" (635) / White	(c) (d) 25" (635) / White
(a) (b) 1.86:1	(a) (b) 1.86:1
(c) (d) 1.85:1	(c) (d) 1.85:1
87 Octane	87 Octane
Evinrude XD 100™ Oil	Evinrude XD 100™ Oil
Oil Injection	Oil Injection
EPA	EPA
CARB 2 STAR	CARB 2 STAR
European Union	European Union
3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

**DIRECT INJECTION**

## COMPETITIVE SPECIFICATIONS

### 135

E135FPLSR  
E135FSLSR  
E135FPXSR  
E135FCXSR

### 150

E150FPLSR  
E150FSLSR  
E150FPXSR  
E150FCXSR

### 150<sub>H.O.</sub>

 E150FHLSR

### 175

E175FPLSR  
E175FSLSR  
E175FPXSR  
E175FCXSR

MODEL & HP	EVINRUDE 135/150/175 HP
Engine Type	Evinrude direct injection
	V-6 60° Loop Charged

**Consumer Benefit:** Evinrude direct injection design provides more horsepower and more torque. Stronger out of the hole performance, faster throttle response, superior fuel economy. Evinrude outboards with Direct Injection make a power stroke every revolution of the crankshaft, providing power and torque for the most demanding applications. Whether towing a skier, planing a tournament fishing load or plowing through heavy seas, Evinrude outboards have the power to get the job done.

Displacement cu in. (cc)	158 ci / 2589 cc
Gear Ratio	1.85:1
RPM Range	5250-5750
Weight*	419 lb / 190 kg

**Consumer Benefit:** Direct Injection makes Evinrude the lightest engines in their class, providing overall superior boat performance and boat handling characteristics.

Alternator	Dual Voltage / 60 Amp
------------	-----------------------

**Consumer Benefit:** While our competitors publish high amperage ratings, much of their alternator output is consumed by the engine's own systems. All Evinrude outboards feature dual voltage, 60 amp alternators. One side of the alternator powers the engine's systems, the other is exclusively available to power all the onboard electronics, pumps, etc. that today's consumers demand. In addition, some of our competitors use belt-driven, automotive type designs that can be compromised in marine environments. Evinrude's system is designed and engineered to last.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's 3 year limited warranty has no declining coverage. Evinrude also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Electro Deposition Paint	All Models
Stainless Steel Steering Arm & Shaft	Saltwater Edition Models
Closed Deck Cylinder Block Assembly	All Models
Relieved Split Line Gearcase	All Models
Freshwater Flush Adapter	All Models

**Consumer Benefit:** Evinrude Saltwater Edition outboards come with many complete corrosion protection features. Whether the environment is salty, mineral rich or full of sediment, an Evinrude outboard is designed to survive.

Tilt Limit Switch	All Models
No Crankcase Oil to Change	All Models
No Valves to Adjust	All Models
No Chains or Belts	All Models

**Consumer Benefit:** Low maintenance and operator convenience are keys to a pleasurable boating experience. Unhampered by the complex systems that make up some competitive outboards, with Evinrude, there are no oil changes, no valves to adjust, no chains or belts to worry about.



YAMAHA 150 HP	YAMAHA 150/175 HP	MERCURY 135/150 HP	HONDA 135/150 HP	Evinrude DI
4-Stroke	Direct Injection	Direct Injection	4-Stroke	
In-Line 4-Cylinder SOHC	Loop-Charged V-6 76°	Loop Charged V-6 60°	In-Line 4-Cylinder SOHC	
162.8 ci / 2670 cc	158.4 ci / 2596 cc	153 ci / 2507 cc	144 ci / 2354 cc	
2.00:1	1.86:1	135 HP: 2:1   150 HP: 1.87:1	2.14:1	
5000-6000	4500-5000	135 HP: 5000-6000   150 HP: 5250-5750	5000-6000	
466 lb / 212 kg	475 lb / 216 kg	431 lb / 195 kg	478 lb / 217 kg	
35 Amp	45 Amp	60 Amp	40 Amp	
3 Year DECLINING Coverage	2 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage	
Some Models	Some Models	Some Models	NO	
Some Models	Some Models	Some Models	NO	
NO	NO	NO	NO	
NO	NO	NO	NO	
All Models	All Models	All Models	NO	
NO	NO	NO	NO	
NO	All Models	All Models	NO	
NO	All Models	All Models	NO	
NO	All Models	NO	NO	

\*Listed weights refer to each manufacturer's 25" shaft, standard rotation model. All weights are published catalog weights.

\*\*Warranty coverage based on 2004 Evinrude coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

# EVINRUDE®

DIRECT INJECTION

## 100

NEW!




E100FPLSR  
E100FSLSR

## 115

E115FPLSR  
E115FSLSR  
E115FPXSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
<b>Evinrude Direct Injection</b>	<p>Up to double the fuel efficiency of conventional 2-Stroke engine technologies.</p> <p>A power stroke every revolution of the crankshaft.</p> <p>Stratified combustion.</p> <p>More efficient. Twice as fast as conventional DI.</p> <p>Easier and faster starts.</p>	<p>Extended range, fewer fill-ups and lower operating costs.</p> <p>Quicker acceleration and faster top end speed and more torque.</p> <p>Excellent fuel economy at idle and trolling speeds.</p> <p>More power and better fuel consumption at all throttle settings.</p> <p>Just turn the key and go.</p>
<b>Lightweight Compact 60 Degree V4 Design</b>	Narrow design is ideal for twin engine applications. It also provides better fishing ability and visibility.	More enjoyment out of your boating.
<b>FasTrak™ Trim &amp; Tilt</b>	75 degrees of trim and tilt range to increase your boat's efficiency.	Gives the consumer the ability to adjust the attitude of a boat, to increase the performance and fuel economy, depending on the load and water conditions.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
<b>Deep Guard Corrosion Protection</b>	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
<b>EDP-Electro Deposition Paint</b>	EDP is applied to all aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge to provide complete, uniform coverage.	Creates a durable finish to add protection for the harsh marine environments.
<b>Saltwater Edition Corrosion Protection Features</b>	Resists the harsh elements of the salt-water environment to protect your investment.	Low maintenance. Long engine life.
 <b>EASY TO OWN</b>		
<b>E-Cal Auto Lube</b>	Oil system that eliminates mixing oil and gas. Complete combustion prevents virtually any oil from escaping into the environment.	Easy to use and good for the environment.
<b>Freshwater Flushing Port</b>	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
<b>CARB 2 STAR</b>	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
<b>Three Year Non-Declining Limited Warranty</b>	Coverage does not decline during the warranty period.	Peace of mind.

# EVINRUDE®

DIRECT INJECTION

## 100

NEW!

E100FPLSR  
E100FSLSR

## 115

E115FPLSR  
E115FSLSR  
E115FPXSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



		E115FPLSR \$ _____
E100FPLSR \$ _____		E115FSLSR \$ _____
E100FSLSR \$ _____		E115FPXSR \$ _____
100 HP		115 HP
(a) E100FPLSR		(a) E115FPLSR
(b) E100FSLSR		(b) E115FSLSR
		(c) E115FPXSR
Loop Charged V4 60 Degree		Loop Charged V4 60 Degree
1726 cc (105.4 ci)		1726 cc (105.4 ci)
91 x 66 mm (3.6 x 2.588 in)		91 x 66 mm (3.6 x 2.588 in)
167 kg (369 lb)		(a) (b) 167 kg (369 lb)
		(c) 170 kg (375 lb)
5250-5750 RPM		5250-5750 RPM
(74 kw) 100 HP @ 5500 RPM		(86 kw) 115 HP @ 5500 RPM
Direct Injection w/stratified low RPM		Direct Injection w/stratified low RPM
combustion mode		combustion mode
Electric		Electric
Dual Voltage 60 Amp		Dual Voltage 60 Amp
Pressure & Water Temp Controlled		Pressure & Water Temp Controlled
FasTrak™ Power Trim & Tilt		FasTrak™ Power Trim & Tilt
-6 deg to +15 deg		-6 deg to +15 deg
75 Degrees		75 Degrees
(a) 20" (508) / Blue		(a) 20" (508) / Blue
(b) 20" (508) / White		(b) 20" (508) / White
		(c) 25" (635) / White
2:1		(a) (b) 2:1
		(c) 2.25:1
87 Octane		87 Octane
Evinrude XD 100™ Oil		Evinrude XD 100™ Oil
Oil Injection		Oil Injection
EPA		EPA
CARB 2 STAR		CARB 2 STAR
European Union		European Union
3 Year Non-Declining*		3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# EVINRUDE®

**DIRECT INJECTION**

## COMPETITIVE SPECIFICATIONS

# 100

NEW!

E100FPLSR  
E100FSLSR

# 115

E115FPLSR  
E115FSLSR  
E115FPXSR

MODEL & HP	EVINRUDE 100/115 HP
------------	---------------------

Engine Type	Evinrude Direct Injection V-4 60° Loop-Charged
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**Consumer Benefit:** Evinrude Direct Injection design provides more horsepower and more torque. Stronger out of the hole performance, faster throttle response, and superior fuel economy. While 4-stroke outboards make a power stroke every other revolution of the crankshaft, Evinrude outboards with direct injection make a power stroke every revolution of the crankshaft, providing power and torque for the most demanding applications.

Displacement cu in. (cc)	105.4 ci / 1726 cc
--------------------------	--------------------

Gear Ratio	2:01
------------	------

RPM Range	5250-5750
-----------	-----------

Weight*	369 lb / 167 kg
---------	-----------------

**Consumer Benefit:** Direct Injection helps make Evinrude outboards among the lightest engines in their class, providing overall superior boat performance and boat handling characteristics.

Alternator	Dual Voltage / 60 Amp
------------	-----------------------

**Consumer Benefit:** While our competitors publish high amperage ratings, much of their alternator output is consumed by the engine's own systems. All Evinrude outboards feature dual voltage, 60 amp alternators. One side of the alternator powers the engine's systems, the other is exclusively available to power all the onboard electronics, pumps, etc. that today's consumers demand. In addition, some of our competitors use belt-driven, automotive type designs that can be compromised in marine environments. Evinrude's system is designed and engineered to last.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's limited 3 year warranty has no declining coverage. Evinrude also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Electro Deposition Paint	All Models
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Stainless Steel Steering Arm & Shaft	Saltwater Edition Models
--------------------------------------	--------------------------

Relieved Split Line Gearcase	All Models
------------------------------	------------

Freshwater Flush Adapter	All Models
--------------------------	------------

**Consumer Benefit:** All Evinrude Saltwater Edition outboards come with many corrosion protection features. Whether the environment is salty, mineral rich or full of sediment, an Evinrude outboard is designed to survive.

Low Profile Design	All Models
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Turn Key Starting	All Models
-------------------	------------

Tilt Limit Switch	All Models
-------------------	------------

No Crankcase Oil to Change	All Models
----------------------------	------------

No Valves to Adjust	All Models
---------------------	------------

No Chains or Belts	All Models
--------------------	------------

**Consumer Benefit:** Low maintenance is one of the keys to a pleasurable boating experience. Unhindered by the complex systems that make up some competitive outboards, with Evinrude, there are no oil changes, no valves to adjust, no chains or belts to worry about.

YAMAHA 90/115 HP		MERCURY 90/115 HP		HONDA 90/115 HP	
4-Stroke		Direct Injection		4-Stroke	
In-Line 4-Cylinder DOHC		In-Line 3-Cylinder		In-Line 4-Cylinder SOHC	
90 HP: Carburetors		Orbital Direct Injection		90 HP: Carburetors	
115 HP: EFI				115 HP: EFI	
90 HP: 97 ci / 1596 cc		92.96 ci / 1526 cc		90 HP: 97 ci / 1590 cc	
115 HP: 106.2 ci / 1741 cc				115 HP: 137 ci / 2254 cc	
90 HP: 2.31	115 HP: 2.15	90 HP: 2.33:1	115 HP: 2.07:1	90 HP: 2.3:1	115 HP: 2.00:1
5000-6000		5000-5750		5000-6000	
90 HP: 370 lb / 168 kg		90 HP: 360 lb / 163 kg		90 HP: 373 lb / 169 kg	
115 HP: 402 lb / 183 kg		115 HP: 375 lb / 170 kg		115 HP: 496 lb / 225 kg	
90 HP: 20 Amp	115 HP: 25 Amp	60 Amp		90 HP: 16 Amp	115 HP: 40 Amp
3 Year Declining Coverage		3 Year Non-Declining Coverage		3 Year Non-Declining Coverage	
NO		Some Models		NO	
NO		Some Models		NO	
NO		NO		NO	
All Models		All Models		NO	
NO		NO		NO	
115 HP Models		All Models		115 HP Models	
NO		NO		NO	
NO		All Models		NO	
NO		All Models		NO	
NO		NO		NO	

\*Listed weights refer to each manufacturer's 20" shaft, standard rotation model. All weights are published catalog weights.

\*\*Warranty coverage based on 2004 Evinrude coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



KINDER AND GENTLER,  
MEET TOUGHER AND MEANER.



REMEMBER FISHING WITH YOUR  
DAD WHEN YOU WERE A KID?  
SO DO WE.





## 4-STROKE TECHNOLOGY:

### TOUGH:

- *Johnson's 4-stroke outboards feature robust components and advanced technology that allow them to thrive in some of the harshest conditions imaginable.*

### DEPENDABLE:

- *Innovative designs combined with proven state-of-the-art technology make Johnson 4-stroke outboards dependable and durable.*

### TRADITIONAL:

- *The legendary Johnson name stands for 4-stroke technology that you can trust and rely on, year after year.*

## 2-STROKE TECHNOLOGY:

### TOUGH:

- *In any water, anywhere in the world, Johnson 2-stroke outboards have provided years of faithful service, backed with an industry leading warranty.*

### DEPENDABLE:

- *Johnson 2-stroke outboard's legendary reliability, combined with Bombardier's commitment to world-class durability and quality, makes for one of the most durable outboards in the world.*

### TRADITIONAL:

- *With over 80 years of providing boaters with fun on the water, Johnson 2-stroke outboards offer a rich tradition of excellence and confidence.*

## **JOHNSON OUTBOARD ENGINES OVERVIEW**

Johnson outboards utilize industry-leading proven carbureted two-stroke technology as well as state-of-the-art four-stroke carbureted and EFI technologies. Johnson two-stroke technology offers unprecedented power-to-weight ratio together with excellent torque and HP output. Johnson four-stroke technology offers low emissions, improved fuel economy and smooth running. Each engine family is specifically designed to match the most common boat applications, based on the needs of the customer.

## **JOHNSON 4-STROKES DEFINED**

Johnson 4-stroke outboards use the latest 4-stroke technology available for the marine market today with proven reliability. From overhead cams, offset driveshafts lower gear ratios and Sequential multi-port EFI, Johnson 4-stroke outboards are the most technologically advanced 4-stroke outboards in the world. Johnson 4-stroke engines are designed to be lightweight and compact, and they typically have a better power-to-weight ratio compared to competitive four-stroke outboards. All the technological advancements in Johnson 4-stroke outboards offer consumers better performance than competitive 4-stroke outboards and hassle free fun on the water.

## **SEQUENTIAL MULTI-PORT EFI**

EFI stands for Electronic Fuel Injection. EFI is another method of charging the cylinder with fuel. This should not be confused with Direct Injection. Direct Injection injects fuel directly into the combustion chamber. EFI, on the other hand, injects the fuel into the incoming air stream either at the throttle body or into the intake manifold. In more specific EFI terms, the Johnson 40, 50, 60, 70, 90, 115, 140, 200 and 225 HP four-stroke engines use Sequential Multi-Port EFI. There is one injector per cylinder and each injector is triggered to inject fuel in sequence to the engine firing order. This method allows precise timing and injection of exact amounts of fuel when the engine needs it. There is no lag time in getting the fuel charge into the cylinder. The engine accelerates faster and runs smoother.

Sequential Multi-Port EFI delivers turn-key starts in all conditions. An electronic control unit utilizes sensors to control engine warm-up and overall operation by monitoring engine temperature, air temperature, atmospheric pressure, and engine load.

Because these Johnson outboards use EFI and four-stroke technology, you get the benefits of a complete engine management system with superior fuel economy, plus, smooth, quiet and clean smoke free operation that cannot be delivered by any competitive two-stroke EFI outboard.

### OFFSET DRIVESHAFT

Johnson four-stroke outboards utilize an offset driveshaft in the 90-225hp engines. This design is successful in reducing the size of the outboard to create a compact package and simultaneously moves the center of gravity forward to improve boat performance. This design also places the point where vibrations produced by the engine are at a minimum up and over the upper engine mount which greatly reduces vibration.

### MULTI-STAGE INDUCTION/LONG TRACK INTAKE MANIFOLD

The Johnson 225 HP four-stroke engine uses multi-stage induction to improve engine performance by changing the length of the intake manifold pipes according to engine speed. The system uses two intake manifold pipes per cylinder, one operating at low engine speed and one at high. As rpm pass a preset threshold, the direct intake pipe opens up, letting air enter directly into the combustion chamber, increasing the engine's ability to breathe at high rpm. Johnson four-strokes 40 thru 90 HP utilize a long track intake that provides added power and quiet operation.

### DIRECT IGNITION

Johnson 40 and 50 HP four-strokes utilize direct ignition where the coil is built in to the spark plug cap to simplify design and reduce electrical noise.

### HYDRAULIC CAM CHAIN TENSIONER

Johnson 25 thru 50 HP and 90 thru 225 HP four-strokes have a self-adjusting timing chain tensioner to reduce maintenance and deliver positive power transfer.

### LOWER UNIT GEAR RATIOS

Johnson four-strokes 60 HP thru 225 HP use lower unit gear ratios that allow you to turn larger props to increase the efficiency and transfer maximum power.



### JOHNSON TWO-STROKES DEFINED

The Johnson carbureted two-stroke engine completes its power cycle with two strokes of the piston. There are no valves, springs, camshafts or timing belts, so the engine is less complex and lighter. Instead of valves, there are a series of strategically positioned transfer ports—intake and exhaust, cut into the sides of the cylinder wall. These ports are on opposite sides of the cylinder. The transfer ports are exposed, opened and closed, by the up and down movement of the piston.

*The advantage of Johnson two-stroke outboards is having a power stroke for every revolution of the crankshaft. Power is built quickly for rapid acceleration in a package that is smaller and lighter. Johnson two stroke outboards have high power-to-weight ratios. In other words, they produce lots of horsepower in a small, lightweight engine package.*

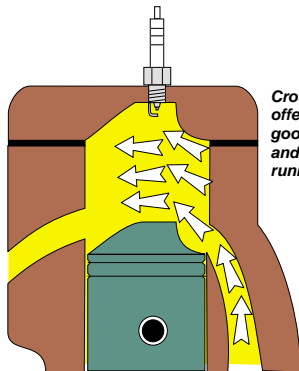
The process of purging exhaust gases from the cylinder and filling it with a fresh air/fuel charge is called scavenging. Johnson outboards use two scavenging methods: cross scavenging and loop scavenging. Both cross scavenged and loop scavenged engines have their advantages.

### CROSS SCAVENGING

Cross scavenged engines have a deflector on the top of the piston. The piston's deflector directs the incoming air/fuel up, toward the top of the cylinder and pushes the spent exhaust gases out of the exhaust port.

#### Benefits of Cross Scavenging:

- Smooth idle
- Good efficiency
- Good low speed running quality



*Cross scavenging offers a smooth idle, good fuel efficiency, and good low speed running quality.*

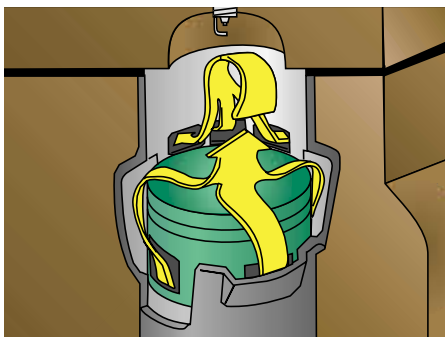
### LOOP SCAVENGING

The pistons on loop scavenged engines do not have deflectors. They rely on the shape of the intake ports and the combustion chamber to control the scavenging of the cylinder.

Ports are carefully positioned so that their combined streams flow upward and then loop down toward the exhaust ports which effectively drive the exhaust gases from the cylinder.

#### Benefits of Loop Scavenging:

- Improved fuel economy
- Optimum performance



*Loop scavenging offers improved fuel economy and optimum performance for a two-stroke engine.*



## POWERPATH INDUCTION

Fuel and air flow in a shorter, more direct path from the carburetors to the intake ports. The fuel charge reaches the cylinder faster for quicker acceleration. No other manufacturer has duplicated this efficient design.

**Powerpath Induction is found on** 90 HP, 115 HP, 150 HP, & 175 HP two-stroke Models.



*PowerPath Induction offers faster acceleration and high fuel efficiency.*

## FUEL INJECTION STARTING AND QUIKSTART™

Fuel Injection Starting injects fuel directly into the crankcase for fast and easy starts. Simply push the key in, hold, turn the key to start the engine and go. Fuel Injection Starting is found on all Johnson remote electric start models 25 HP through 175 HP two-stroke models. The QuikStart feature eliminates the need to set the throttle lever into a fast idle neutral warm up position and automatically adjusts the engine to run at a fast idle. When the engine has sufficiently warmed up, QuikStart returns the engine to its normal idle. QuikStart is found on all Johnson two-stroke electric start 40 -175 HP models.



*Fuel Injection Starting and QuikStart offers fast, easy starts.*

### OIS 2000™ OPTICAL IGNITION

The OIS 2000 Optical Ignition system uses infrared technology for precise ignition control. There are no moving parts and no variation in engine timing from idle to wide-open throttle. OIS 2000 is an exclusive Johnson feature.

**OIS 2000 is found on** all V4 and V6 Johnson 2-stroke models.



*OIS 2000 Optical Ignition offers precise ignition control.*

### DEEP GUARD CORROSION PROTECTION

Deep Guard Corrosion Protection is a process of 14 washing and rinsing cycles, a conversion coating, sealer, baked-on Strontium Chromate primer and baked-on high solids Melamine top coat. In addition, clear coat is applied to add luster and provide UV ray protection for the finish.

EDP—Electro Deposition Paint is applied to all the aluminum housings below the powerhead on the all 90 HP and above two-stroke models. EDP is applied by giving the parts an electrical charge. Those parts are immersed in the paint which has an opposite electrical charge. Paint is drawn into the surface, providing a complete uniform coverage.



*EDP creates a durable finish for added protection in a harsh marine environment.*



# Johnson®

## FOUR STROKE

### 200

NEW!

J200PX4SR  
J200CX4SR

### 225




NEW!

J225PX4SR  
J225CX4SR  
J225PZ4SR  
J225CZ4SR





# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Large 3.6 Liter Displacement	More power than competitive 4-strokes.	More power & torque to push heavy boats.
55 Degree V6	Narrow design is ideal for twin engine application.	Improved performance in twin engine applications.
Dual Overhead Camshafts with 4-valves per cylinder	Optimizes power and torque.	More power when you need it.
Sequential Multi-Port Fuel Injection	Delivers precise air/fuel mixture needed regardless of the temperature, load or altitude.	Turn key starting and crisp throttle response.
Multi-Stage Induction	Enhances engine performance by changing the length of intake manifold tubes according to engine speed.	More power available at all rpm ranges.
Offset Drive	Lowers and moves forward the center of gravity.	Better boat performance and handling.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Large Displacement	More power and torque than the competition.	Longer engine life.
Anti-Corrosion Finish	A specially formulated finish that offers maximum bonding to the aluminum surface to protect against corrosion.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Hydraulic Tensioner	Automatically adjusts timing chain.	Eliminates the need for periodic servicing.
54 Amp Charging	Power to run your electronics.	Keeps batteries charged even at slow speeds.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 3 STAR	Meets the most stringent CARB emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson<sup>®</sup>

## FOUR STROKE

# 200

NEW!

J200PX4SR  
J200CX4SR

# 225

NEW!

J225PX4SR  
J225CX4SR  
J225PZ4SR  
J225CZ4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



		J225PX4SR \$ _____
		J225CX4SR \$ _____
J200PX4SR \$ _____		J225PZ4SR \$ _____
J200CX4SR \$ _____		J225CZ4SR \$ _____
<b>200 HP</b>		<b>225 HP</b>
(a) J200PX4SR	(a) J225PX4SR	
(b) J200CX4SR	(b) J225CX4SR	
	(c) J225PZ4SR	
	(d) J225CZ4SR	
4-Stroke V6 55 Degree	4-Stroke V6 55 Degree	
3614 cc (220.5 ci)	3614 cc (220.5 ci)	
95 x 85 mm (3.74 x 3.35 in)	95 x 85 mm (3.74 x 3.35 in)	
DOHC 4 Valves/Cyl.	DOHC 4 Valves/Cyl.	
25" - 263 kg (580 lb)	(a) (b) 263 kg (580 lb)	
	(c) (d) 268 kg (591 lb)	
5000-6000 RPM	5000-6000 RPM	
(147 kw) 200 HP @ 5500 RPM	(165 kw) 225 HP @ 5500 RPM	
Digital Sequential	Digital Sequential	
Electric	Electric	
54 Amp	54 Amp	
Remote	Remote	
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled	
Power Trim & Tilt	Power Trim & Tilt	
70 Degrees	70 Degrees	
(a) (b) 25" (635) / White	(a) (b) 25" (635) / White	
	(c) (d) 30" (762) / White	
2.29:1	2.29:1	
87 Octane Unleaded	87 Octane Unleaded	
Johnson 4-Stroke	Johnson 4-Stroke	
EPA	EPA	
CARB 3 STAR	CARB 3 STAR	
3 Year Non-Declining*	3 Year Non-Declining*	

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

### COMPETITIVE SPECIFICATIONS

# 200

NEW!

J200PX4SR  
J200CX4SR

# 225

NEW!

J225PX4SR  
J225CX4SR  
J225PZ4SR  
J225CZ4SR

MODEL & HP	JOHNSON 200/225 HP
Engine Type	4-Stroke
	55° V6
	Sequential Multi-Port EFI DOHC

**Consumer Benefit:** Johnson Sequential Multi-Port EFI design provides more horsepower and more torque. Stronger out of the hole performance, faster throttle response, superior fuel economy. The 55 degree engine design allows twin engines to be mounted closer together for improved boat performance.

Displacement cu in. (cc)	220.5 ci / 3614 cc
Gear Ratio	2.29:1
RPM Range	5000-6000
Weight*	580 lb / 263 kg

**Consumer Benefit:** Johnson 200 and 225 HP have the largest displacement. That extra displacement translates into more power and performance. The Johnson 200 and 225 HP also offer low gear ratios that allow them to utilize larger props than Honda, Mercury and Yamaha, for better performance and economy.

Alternator	54 Amp
------------	--------

**Consumer Benefit:** While some competitors publish high amperage ratings, the truth is much of their alternator output is consumed by the engine's own systems.

Limited Warranty**	3 Year NON-Declining Coverage
--------------------	-------------------------------

**Consumer Benefit:** Unlike some competitive brands that reduce their warranty coverage after the first year, Evinrude's full 3 year warranty has no declining coverage. Evinrude also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Large Displacement	All Models
Offset Drive	All Models
Two Stage Cam Drive	All Models
Two Stage Gear Reduction	All Models
Oil Cooler	All Models
16" Propeller Standard	All Models

**Consumer Benefit:** The Johnson 200 and 225 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 25" shaft, standard rotation model. All competitive product weights are actual weights with motor cover, battery cables, and gear lube (no prop or prop hardware or crankcase lubrication oil). BMC weights are based on published catalog weights.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

<b>YAMAHA 200/225 HP</b>	<b>MERCURY 225 HP</b>	<b>HONDA 200/225</b>
4-Stroke	4-Stroke	4-Stroke
60° V-6	60° V-6	60° V-6
EFI DOHC	EFI DOHC	EFI SOHC
205 ci / 3352 cc	205 ci / 3352 cc	212 ci / 3471 cc
2:1	2:1	1.86:1
5000-6000	5000-6000	5000-6000
605 lb / 274 kg	583 lb / 265 kg	615 lb / 279 kg
45 Amp	45 Amp	60 Amp
3 Year Declining Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	NO	NO
NO	NO	NO
NO	NO	NO
NO	NO	NO
NO	NO	NO
NO	NO	NO



# **Johnson®**

## **FOUR STROKE**

### **90**

J90PL4SR  
J90PX4SR

### **115**


J115PL4SR  
J115PX4SR


### **140**


J140PL4SR  
J140PX4SR  
J140CX4SR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Dual Overhead Camshafts with 4-valves per cylinder	Optimizes power and torque.	More power when you need it.
Sequential Multi-Port Fuel Injection	Delivers precise air/fuel mixture needed regardless of the temperature, load or altitude.	Turn key starting and crisp throttle response.
4-into-2-into-1 Exhaust System	Maximizes exhaust efficiency.	More low end power and top end speed.
Offset Drive	Lowers and moves forward the center of gravity.	Better boat performance and handling.

 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Large Displacement	More power and torque than the competition.	Longer engine life.
Anti-Corrosion Finish	A specially formulated finish that offers maximum bonding to the aluminum surface to protect against corrosion.	Protection in a harsh marine environment.
One Piece Forged Crankshaft	One piece crankshaft for strength.	Stronger, more durable.
Stainless Steel Waterpump Housing	Resists wear.	Longer lasting water pump.

 <b>CONVENIENCE</b>		
Hydraulic Tensioner	Automatically adjusts timing chain.	Eliminates the need for periodic servicing.
40 Amp Charging	Power to run your electronics.	Keeps batteries charged even at slow speeds.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 3 STAR	Meets the most stringent CARB emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

### 90

J90PL4SR  
J90PX4SR

### 115

J115PL4SR  
J115PX4SR

### 140

J140PL4SR  
J140PX4SR  
J140CX4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY





		J140PL4SR \$ _____
J90PL4SR \$ _____	J115PL4SR \$ _____	J140PX4SR \$ _____
J90PX4SR \$ _____	J115PX4SR \$ _____	J140CX4SR \$ _____
<b>90 HP</b>	<b>115 HP</b>	<b>140 HP</b>
(a) J90PL4SR	(a) J115PL4SR	(a) J140PL4SR
(b) J90PX4SR	(b) J115PX4SR	(b) J140PX4SR
		(c) J140CX4SR
4-Stroke 4 Cyl. In-Line	4-Stroke 4 Cyl. In-Line	4-Stroke 4 Cyl. In-Line
1950 cc (119 in)	1950 cc (119 in)	2044 cc (124.7 in)
83.8 x 88.9 mm (3.31 x 3.46 in)	83.8 x 88.9 mm (3.31 x 3.46 in)	86.36 x 88.9 mm (3.39 x 3.46 in)
DOHC 4 Valves/Cyl.	DOHC 4 Valves/Cyl.	DOHC 4 Valves/Cyl.
(a) 191 kg (421 lb)	(a) 191 kg (421 lb)	(a) 189 kg (417 lb)
(b) 195 kg (430 lb)	(b) 195 kg (430 lb)	(b) (c) 193 kg (425 lb)
4500-5500 RPM	5000-6000 RPM	5600-6200 RPM
(67 kw) 90 HP @ 5000 RPM	(86kw) 115 HP @ 5500 RPM	(103 kw) 140 hp @ 5900 RPM
Digital Sequential	Digital Sequential	Digital Sequential
Electric	Electric	Electric
40 Amp	40 Amp	40 Amp
Remote	Remote	Remote
Pressure & Water Temp	Pressure & Water Temp	Pressure & Water Temp
Controlled	Controlled	Controlled
Power Trim & Tilt	Power Trim & Tilt	Power Trim & Tilt
75 Degrees	75 Degrees	75 Degrees
(a) 20" (508) / White	(a) 20" (508) / White	(a) 20" (508) / White
(b) 25" (635) / White	(b) 25" (635) / White	(b) (c) 25" (635) / White
2.59:1	2.59:1	2.38:1
87 Octane Unleaded	87 Octane Unleaded	87 Octane Unleaded
Johnson 4-Stroke	Johnson 4-Stroke	Johnson 4-Stroke
EPA	EPA	EPA
CARB 3 STAR	CARB 3 STAR	CARB 3 STAR
3 Year Non-Declining*	3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

# 90

J90PL4SR  
J90PX4SR

# 115

J115PL4SR  
J115PX4SR

# 140

J140PL4SR  
J140PX4SR  
J140CX4SR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 90/115/140 HP
Engine Type	4-Stroke
	4-Cylinder In-Line
	DOHC 4 Valve
	Sequential Multi-Port
	EFI

**Consumer Benefit:** Sequential multi-port fuel injection is standard on all 90, 115 and 140 HP Johnson 4-Stroke, while many models from the competition are carbureted. In addition, the Honda offers only a SOHC design.

Displacement cu in. (cc)	90/115HP: 119 ci / 1950cc
	140 HP: 124.7 ci / 2044 cc

**Consumer Benefit:** The Johnson 90 and 115 HP models feature more displacement than every competitive model except the Honda 115. But unlike the Honda, the Johnson is a compact design. The extra displacement translates into more power

Gear Ratio	90/115 HP: 2.59:1
	140 HP: 2.38:1

RPM Range	90 HP: 4500-5500
	115 HP: 5000-6000
	140 HP: 5600-6200

Weight*	90/115 HP: 421 lb / 191 kg
	140 HP: 417 lb / 184 kg

**Consumer Benefit:** The Johnson 140 HP is 61 lb lighter than the Honda 135/150 HP and it is 49 lb lighter than the Yamaha 150 HP!

Alternator	40 Amp
------------	--------

**Consumer Benefit:** The Johnson 90, 115 and 140 HP feature more alternator amperage than the Yamaha, Mercury and Honda (90 HP). More power to run electronics even at trolling speeds.

Limited Warranty**	3 Year NON-Declining Coverage
EFI	All Models
40 Amp Alternator	All Models
Large Displacement	All Models
Offset Drive	All Models
Two Stage Cam Drive	All Models
Oil Cooler	140 HP Models

**Consumer Benefit:** The Johnson 90, 115 and 140 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

YAMAHA 90/115/150 HP	MERCURY 90/115 HP	HONDA 90/115/135/150 HP
4-Stroke	4-Stroke	4-Stroke
4-Cylinder In-Line	4-Cylinder In-Line	4-Cylinder In-Line
DOHC 4 Valve	DOHC 4 Valve	90/115 HP: SOHC
90 HP: Carburetors	90 HP: Carburetors	135/150 HP: DOHC 4 Valve
115/150 HP: EFI	115 HP: EFI	90 HP: Carburetors
		115/135/150 HP: EFI
90 HP: 97 ci / 1596 cc	90 HP: 97.4 ci / 1596 cc	90 HP: 97 ci / 1590 cc
115 HP: 106.2 ci / 1741 cc	115 HP: 106.2 ci / 1741 cc	115 HP: 137 ci / 2254 cc
150 HP: 162.8 ci / 2670 cc		135 HP: 144 ci / 2354 cc
		150 HP: 144 ci / 2354 cc
90 HP: 2.31:1	90 HP: 2.33:1	90 HP: 2.30:1
115 HP: 2.15:1	115 HP: 2.07:1	115/135/150 HP: 2.14:1
150 HP: 2:1		
5000-6000	5000-6000	5000-6000
90 HP: 370 lb / 168 kg	386 lb / 175 kg	90 HP: 373 lb / 169 kg
115 HP: 402 lb / 183 kg		115/135/150 HP: 478 lb / 217 kg
150 HP: 466 lb / 212 kg		
90 HP: 20 Amp	90 HP: 20 Amp	90 HP: 16 Amp
115 HP: 25 Amp	115 HP: 25 Amp	115/135/150 HP: 40 Amp
150 HP: 35 Amp		
3 Year Declining Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
Some Models	Some Models	115/135/150 HP Models
NO	NO	115/135/150 HP Models
NO	NO	115/135/150 HP Models
150 HP Models	NO	NO
NO	NO	NO
NO	NO	NO



# **Johnson**

**FOUR STROKE**

**60**




J60PL4SR

**70**

J70PL4SR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Sequential Multi-Port Fuel Injection	Delivers precise air/fuel mixture needed regardless of the temperature, load or altitude.	Turn key starting and crisp throttle response.
Single Overhead Camshaft with 2-Valves per Cylinder	Optimizes power and torque.	More power when you need it.
Long Track Intake Manifold	Increases the velocity of the air/fuel mix.	More power and quiet operation.
4-into-2-into-1 Exhaust System	Maximizes exhaust efficiency.	More low end power and top end speed.
Offset Drive	Lowens and moves forward the center of gravity.	Better boat performance and handling.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Solid State Ignition	Provides twice as much power to the spark plug.	Cleaner, more complete combustion.
Dual Cooling System	Helps ensure adequate cooling water.	Keeps the motor at a constant temperature for longer engine life.
One Piece Forged Crankshaft	One piece crankshaft for strength.	Stronger, more durable.
Stainless Steel Waterpump Housing	Resists wear.	Longer lasting water pump.
Anti-Corrosion Finish	A specially formulated finish that offers maximum bonding to the aluminum surface to protect against corrosion.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 3 STAR	Meets the most stringent CARB emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

# 60

J60PL4SR

# 70

J70PL4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



**J60PL4SR \$\_\_\_\_\_****60 HP****J60PL4SR**

4-Stroke 4 Cyl. In-Line

1298 cc (79.2 ci)

74 x 75.4 mm (2.91 x 2.97 in)

SOHC 2 Valves/Cyl.

163 kg (359 lb)

4700-5300 RPM

(44.1 kw) 60 HP @ 5000 RPM

Digital Sequential

Electric

25 Amp

Remote

Optional Tiller

Pressure &amp; Water Temp Controlled

Power Trim &amp; Tilt

75 Degrees

20" (508) / White

2.42:1

87 Octane Unleaded

Johnson 4-Stroke

EPA

CARB 3 STAR

3 Year Non-Declining\*

**J70PL4SR \$\_\_\_\_\_****70 HP****J70PL4SR**

4-Stroke 4 Cyl. In-Line

1298 cc (79.2 ci)

74 x 75.4 mm (2.91 x 2.97 in)

SOHC 2 Valves/Cyl.

163 kg (359 lb)

5200-5800 RPM

(51.5 kw) 70 HP @ 5500 RPM

Digital Sequential

Electric

25 Amp

Remote

Optional Tiller

Pressure &amp; Water Temp Controlled

Power Trim &amp; Tilt

75 Degrees

20" (508) / White

2.42:1

87 Octane Unleaded

Johnson 4-Stroke

EPA

CARB 3 STAR

3 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

# 60

J60PL4SR

# 70

J70PL4SR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 60/70 HP
Engine Type	4-Stroke
	4-Cylinder In-Line
	DOHC 4 Valve
	Sequential Multi-Port EFI

**Consumer Benefit:** Sequential multi-port fuel injection is standard on all 60 and 70 HP Johnson 4-Stroke, while the Yamaha features carburetors.

Displacement cu in. (cc)	79.2 ci / 1298 cc
--------------------------	-------------------

**Consumer Benefit:** The larger displacement of the Johnson 60 HP delivers more power and more torque than competitive models. That power can be used to pull a skier or push a pontoon boat full of family and friends.

Gear Ratio	2.42:1
RPM Range	60 HP: 4700-5300 70 HP: 5200-5800
Weight*	359 lb / 163 kg
Alternator	25 Amp

**Consumer Benefit:** The Johnson 60 and 70 HP feature more alternator amperage than the Yamaha and Honda. More amperage at all speeds.

Limited Warranty**	3 Year NON-Declining Coverage
70 HP Model	YES
EFI	All Models
21.5 Amp Alternator	All Models
Large Displacement	All Models

**Consumer Benefit:** The Johnson 60 and 70 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



YAMAHA 60 HP	MERCURY 60 HP	HONDA
4-Stroke	4-Stroke	No model with this HP Rating
4-Cylinder In-Line	4-Cylinder In-Line	
SOHC 2 Valve	SOHC 2 Valve	
Carburetion	EFI	
60.8 ci / 996 cc	60.8 ci / 995 cc	
1.85:1	1.83:1	
5000-6000	5500-6000	
244 lb / 111 kg	248 lb / 112 kg	
10 Amp	18 Amp	
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	
NO	NO	
NO	YES	
NO	NO	
NO	NO	



# **Johnson**

**FOUR STROKE**

## **40**




J40PL4SR

## **50**

J50PL4SR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Sequential Multi-Port Fuel Injection	Delivers precise air/fuel mixture needed regardless of the temperature, load or altitude.	Turn key starting and crisp throttle response.
Long Track Intake Manifold	Increases the velocity of the air/fuel mix.	More power and quiet operation.
Dual Overhead Camshaft with 4-valves per cylinder	Optimizes power and torque.	More power when you need it.
Water Cooled Fuel Rail	Maintains favorable engine temperatures under all operating conditions.	Ensures optimum performance and reliability.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Direct Ignition	Coil is built into the spark plug cap.	Simplifies design and reduces electronic engine noise.
Dual Cooling System	Helps ensure adequate cooling water.	Keeps the motor at a constant temperature for longer engine life.
Anti-Corrosion Finish	A specially formulated finish that offers maximum bonding to the aluminum surface to protect against corrosion.	Protection in a harsh marine environment.
Stainless Steel Waterpump Housing	Resists wear.	Longer lasting water pump.
 <b>CONVENIENCE</b>		
Automatic Tensioner	Automatically adjusts timing chain.	Eliminates the need for periodic servicing.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
CARB 3 STAR	Meets the most stringent CARB emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

# 40

J40PL4SR

# 50

J50PL4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



<b>J40PL4SR \$ _____</b>	<b>J50PL4SR \$ _____</b>
<b>40 HP</b>	<b>50 HP</b>
<b>J40PL4SR</b>	<b>J50PL4SR</b>
4-Stroke 3 Cyl. In-Line	4-Stroke 3 Cyl. In-Line
815 cc (49.7 ci)	815 cc (49.7 ci)
71 x 68.6 mm (2.80 x 2.70 in)	71 x 68.6 mm (2.80 x 2.70 in)
DOHC 4 Valves/Cyl.	DOHC 4 Valves/Cyl.
20"- 109 kg (240 lb)	20"- 109 kg (240 lb)
5200-5800 RPM	5900-6500 RPM
(29.4 kw) 40 hp @ 5500 RPM	(36.8 kw) 50 hp @ 6200 RPM
Digital Sequential	Digital Sequential
Electric	Electric
18 Amp	18 Amp
Remote	Remote
Optional Tiller	Optional Tiller
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled
Power Trim & Tilt	Power Trim & Tilt
72 Degrees	72 Degrees
20" (508) / White	20" (508) / White
2.27:1	2.27:1
87 Octane Unleaded	87 Octane Unleaded
Johnson 4-Stroke	Johnson 4-Stroke
EPA	EPA
CARB 3 STAR	CARB 3 STAR
3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

# 40

J40PL4SR

# 50

J50PL4SR

### COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 40/50 HP
Engine Type	4-Stroke
	4-Cylinder In-Line
	DOHC 4 Valve
	Sequential Multi-Port EFI

**Consumer Benefit:** Sequential multi-port fuel injection is standard on all 40 and 50 HP Johnson 4-Strokes, while the Yamaha and Honda models feature carburetors. In addition, the Johnson's feature dual overhead camshafts and 4 valves per cylinder while Yamaha, Mercury and Honda all have single camshafts and 2 valves per cylinder.

Displacement cu in. (cc)	49.7 ci / 815 cc
--------------------------	------------------

**Consumer Benefit:** The Johnson 40 and 50 HP feature more displacement than the Yamaha 40 and Honda 40 and 50 HP models. That extra displacement translates into more power and performance.

Gear Ratio	2.27:1
RPM Range	40 HP: 5200-5800
	50 HP: 5900-6500
Weight*	240 lb / 109 kg
Alternator	18 Amp

**Consumer Benefit:** The Johnson 40 and 50 HP feature more alternator amperage than the Yamaha and Honda. More power to run electronics at all speeds.

Limited Warranty**	3 Year NON-Declining Coverage
EFI	All Models
18 Amp Alternator	All Models
Dual Overhead Camshafts	All Models
4 Valves per Cylinder	All Models

**Consumer Benefit:** The Johnson 40 and 50 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

<b>YAMAHA 40/50 HP</b>	<b>MERCURY 40/50 HP</b>	<b>HONDA 40/50 HP</b>
4-Stroke	4-Stroke	4-Stroke
40 HP: 3 Cylinder In-Line	40 HP: 3-Cylinder In-Line	3-Cylinder In-Line
50 HP: 4 Cylinder In-Line	50 HP: 4-Cylinder In-Line	SOHC 2 Valve
SOHC 2 Valve	SOHC 2 Valve	Carburetion
Carburetion	Carburetion or EFI	
40 HP: 45.6 ci / 747 cc	40 HP: 45.6 ci / 747 cc	49.4 ci / 808 cc
50 HP: 57 ci / 935 cc	50 HP: 60.8 ci / 995 cc	
40 HP: 2:1	40 HP: 2:1	2.08:1
50 HP: 1.85:1	50 HP: 1.83:1	40 HP: 5000-6000
5000-6000	5500-6000	50 HP: 5500-6000
40 HP: 182 lb / 83 kg	40 HP: 216 lb / 98 kg	205 lb / 93 kg
50 HP: 233 lb / 106 kg	50 HP: 248 lb / 112 kg	
40 HP: 15 Amp	18 Amp	10 Amp
50 HP: 10 Amp		
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	Some Models	NO
NO	YES	NO
NO	NO	NO
NO	NO	NO



# Johnson®

## FOUR STROKE

### 25

NEW!

J25PL4SR  
J25TEL4SR

### 30




NEW!

J30PL4SR  
J30TEL4SR





# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Large Displacement 3 cylinder	More power and torque.	Enhanced performance.
Single Overhead Camshaft with 3-Valves per Cylinder	Optimizes power and torque.	More power when you need it.
Accelerator Pump Carburetor	Provides instant response.	Instant throttle response and smooth acceleration.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Large Displacement	More power and torque.	Longer engine life.
Stainless Steel Waterpump Housing	Resists wear.	Longer lasting water pump.
Dual Cooling System	Helps ensure adequate cooling water.	Keeps the motor at a constant temperature for longer engine life.
One Piece Forged Crankshaft	One piece crankshaft for strength.	Stronger, more durable.
 <b>CONVENIENCE</b>		
Automatic Tensioner	Automatically adjusts timing chain.	Eliminates the need for periodic servicing.
Digital CDI Ignition	Precise control of the ignition timing.	Quick starts and smooth response.
CARB 2 STAR	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
Ttrim & Tilt	Increases your boat's efficiency.	Gives the consumer the ability to adjust the attitude of a boat and to increase performance and fuel economy, depending on the load and water conditions.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

# 25

NEW!

J25PL4SR  
J25TEL4SR

# 30

NEW!

J30PL4SR  
J30TEL4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



**J25PL4SR** \$ \_\_\_\_\_

**J25TEL4SR** \$ \_\_\_\_\_

**J30PL4SR** \$ \_\_\_\_\_

**J30TEL4SR** \$ \_\_\_\_\_

### 25 HP

(a) J25PL4SR

(b) J25TEL4SR

4-Stroke 3 Cyl. In-Line

597 cc (36.4 ci)

65 x 60 mm (2.56 x 2.36 in)

SOHC 3 Valves/Cyl.

(a) 96 kg (212 lb)

(b) 98 kg (216 lb)

4700-5300 RPM

(18.4 kw) 25 HP @ 5000 RPM

3 Carburetors

Electric

15 Amp

(a) Remote

(b) Tiller

Pressure & Water Temp Controlled

(a) Power Trim & Tilt

(b) Manual Trim with Gas Assist

(a) 72 Degrees

### 30 HP

(a) J30PL4SR

(b) J30TEL4SR

4-Stroke 3 Cyl. In-Line

597 cc (36.4 ci)

65 x 60 mm (2.56 x 2.36 in)

SOHC 3 Valves/Cyl.

(a) 96 kg (212 lb)

(b) 98 kg (216 lb)

5500-6100 RPM

(22.1kw) 30 HP @ 5800 RPM

3 Carburetors

Electric

15 Amp

(a) Remote

(b) Tiller

Pressure & Water Temp Controlled

(a) Power Trim & Tilt

(b) Manual Trim with Gas Assist

(a) 72 Degrees

20" (508) / White

2.27:1

20" (508) / White

2.27:1

87 Octane Unleaded

Johnson 4-Stroke

87 Octane Unleaded

Johnson 4-Stroke

EPA

CARB 2 STAR

EPA

CARB 2 STAR

3 Year Non-Declining\*

3 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

# 25

J25PL4SR  
J25TEL4SR

# 30

J30PL4SR  
J30TEL4SR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 25/30 HP
Engine Type	4-Stroke
	3-Cylinder In-Line
	SOHC 3 Valve
	Carburetion
<b>Consumer Benefit:</b> The Johnson 25 and 30 HP feature single overhead camshafts and 3 valves per cylinder to improve performance while Mercury, Yamaha and Honda have 2 valves per cylinder.	
Displacement cu in. (cc)	36.4 ci / 597 cc
<b>Consumer Benefit:</b> The Johnson 25 HP features more displacement than the Mercury and Yamaha 25 and Honda 25 and 30 HP models. That extra displacement translates into more power and performance.	
Gear Ratio	2.27:1
RPM Range	25 HP: 4700-5300 30 HP: 5500-6100
Weight*	212 lb / 96 kg
Alternator	15 Amp
<b>Consumer Benefit:</b> The Johnson 25 and 30 HP feature more than ample power to recharge your battery and electronics.	
Limited Warranty**	3 Year NON-Declining Coverage
25 Amp Alternator	All Models
Single Overhead Camshaft	All Models
3 Valves per Cylinder	All Models

**Consumer Benefit:** The Johnson 25 and 30 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

<b>YAMAHA 25/30 HP</b>	<b>MERCURY 25/30 HP</b>	<b>HONDA 25/30 HP</b>
4-Stroke	4-Stroke	4-Stroke
30 HP: 3-Cylinder In-Line	25 HP: 2-Cylinder In-Line	3-Cylinder In-Line
25 HP: 2-Cylinder In-Line	30 HP: 3-Cylinder In-Line	
SOHC 2 Valve	SOHC 2 Valve	SOHC 2 Valve
Carburetion	Carburetion or EFI	Carburetion
25 HP: 30.4 ci / 498 cc	25 HP: 30.4 ci / 498 cc	33.7 ci / 552 cc
30 HP: 45.6 ci / 747 cc	30 HP: 45.6 ci / 747cc	
25 HP: 2:08:1	25 HP: 2:42	2.08:1
30 HP: 2:1	30 HP: 2:1	
5000-6000	25 HP: 5250-5750	25 HP: 5000-6000
	30 HP: 5500-6000	30 HP: 5700-6200
25 HP: 136 lb / 62 kg	25 HP: 175 lb / 80 kg	155 lb / 71 kg
30 HP: 198 lb / 90 kg	30 HP: 204 lb / 93 kg	
15 Amp	25 HP: 15 Amp	10 Amp
	30 HP: 18 Amp	
3 Year Declining Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	YES	NO
YES	YES	YES
NO	NO	NO



# **Johnson®**

## **FOUR STROKE**

### **9.9**

J10R4SR  
J10TE4SR  
J10RL4SR  
J10TEL4SR  
J10TBL4SR  
J10EL4SR




**NEW!**

### **15**

J15R4SR  
J15TE4SR  
J15RL4SR  
J15TEL4SR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Large Displacement	More power and torque.	Enhanced performance.
Single Overhead Camshaft with 2-Valves per Cylinder	Optimizes power and torque.	More power when you need it.
Aluminum Connecting Rods	Lighter weight.	Crisp throttle response and faster acceleration.
Accelerator Pump Carburetor	Provides instant response.	Instant throttle response and smooth acceleration.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Large Displacement	More power and torque.	Longer engine life.
Cast In Cylinder Sleeves	Reduces machining and manufacturing tolerances.	Longer engine life.
 <b>CONVENIENCE</b>		
Automatic Decompression	Reduces engine compression for easier starting.	Provides easier starting.
CARB 2 STAR	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
Front Mounted Shift	Easy to reach shift.	Provides easier shifting.
Three Stage Baffle Chamber	Reduces exhaust noise.	Quiet operation.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

# 9.9

J10R4SR  
J10TE4SR  
J10RL4SR  
J10TEL4SR  
J10TBL4SR  
J10EL4SR

NEW!

# 15

J15R4SR  
J15TE4SR  
J15RL4SR  
J15TEL4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY





**J10R4SR**     \$ \_\_\_\_\_  
**J10TE4SR**    \$ \_\_\_\_\_  
**J10RL4SR**    \$ \_\_\_\_\_  
**J10TEL4SR**   \$ \_\_\_\_\_  
**J10TBL4SR**   \$ \_\_\_\_\_  
**J10EL4SR**    \$ \_\_\_\_\_

**J15R4SR**     \$ \_\_\_\_\_  
**J15TE4SR**    \$ \_\_\_\_\_  
**J15RL4SR**    \$ \_\_\_\_\_  
**J15TEL4SR**   \$ \_\_\_\_\_

### 9.9 HP

**(a) J10R4SR**    **(d) J10TEL4SR**  
**(b) J10TE4SR**   **(e) J10TBL4SR**  
**(c) J10RL4SR**   **(f) J10EL4SR**

4-Stroke 2 Cyl. In-Line

302 cc (18.4 ci)

58 x 57 mm (2.28 x 2.24 in)

SOHC 2 Valves/Cyl.

**(a) 44 kg (97 lb)**    **(b) 48 kg (105 lb)**

**(c) 45 kg (99 lb)**    **(d) (e) (f) 49kg (107 lb)**

4500-5500 RPM

(7.4 kw) 9.9 HP @ 5000 RPM

1 Carburetor

**(a) (c) Manual Auto Rewind**

**(b) (d) (e) (f) Electric and Manual Auto Rewind**

**(b) (d) (e) (f) 7 Amp**    **(a) (c) Optional 7 Amp**

**(a) (b) (c) (d) (e) Tiller, Remote Optional**

**(f) Remote**

Pressure & Water Temp Controlled

5 Tilt-pin Positions

### 15 HP

**(a) J15R4SR**    **(c) J15RL4SR**  
**(b) J15TE4SR**   **(d) J15TEL4SR**

4-Stroke 2 Cyl. In-Line

302 cc (18.4 ci)

58 x 57 mm (2.28 x 2.24 in)

SOHC 2 Valves/Cyl.

**(a) 44kg (97 lb)**    **(b) 48kg (105 lb)**

**(c) 45kg (99 lb)**    **(d) 49kg (107 lb)**

5400-6000 RPM

(11.0 kw) 15 HP @ 5700 RPM

1 Carburetor

**(a) (c) Manual Auto Rewind**

**(b) (d) Electric and Manual Auto Rewind**

**(b) (d) 7 Amp**    **(a) (c) Optional 7 Amp**

**(a) (b) (c) (d) Tiller, Remote Optional**

Pressure & Water Temp Controlled

5 Tilt-pin Positions

**(a) (b) 15" (381) / White**

**(c) (d) (f) 20" (508) / White**

**(e) 20" (508) / Blue**

1.92:1

**(a) (b) 15" (381) / White**

**(c) (d) 20" (508) / White**

1.92:1

87 Octane Unleaded

Johnson 4-Stroke

87 Octane Unleaded

Johnson 4-Stroke

EPA

CARB 2 STAR

EPA

CARB 2 STAR

3 Year Non-Declining\*

3 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

# 9.9

J10R4SR  
J10TE4SR  
J10RL4SR  
J10TEL4SR  
J10TBL4SR  
J10EL4SR

NEW!

# 15

J15R4SR  
J15TE4SR  
J15RL4SR  
J15TEL4SR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 9.9/15 HP
Engine Type	4-Stroke
	2-Cylinder In-Line
	SOHC
Displacement cu in. (cc)	18.4 ci / 302 cc
<b>Consumer Benefit:</b> The Johnson 9.9 HP has 30% more displacement than the Yamaha 9.9 HP and 36% more than the Honda. That extra displacement translates into more power and performance.	
Gear Ratio	1.92:1
RPM Range	9.9 HP: 4500-5500 15 HP: 5400-6000
Weight*	97 lb / 44 kg
Limited Warranty**	3 Year NON-Declining Coverage
Three Stage Baffle Chamber	All Models
Compression Reduction Starting	All Models
Large Displacement	All Models

**Consumer Benefit:** The Johnson 9.9 and 15 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

<b>YAMAHA 9.9/15 HP</b>	<b>MERCURY 9.9/15 HP</b>	<b>HONDA 9.9/15 HP</b>
4-Stroke	4-Stroke	4-Stroke
2-Cylinder In-Line	2-Cylinder In-Line	2-Cylinder In-Line
SOHC	SOHC	SOHC
9.9 HP: 14.2 ci / 232 cc	19.7 ci. / 323 cc	9.9 HP: 13.5 ci / 222 cc
15 HP: 19.7 ci / 323 cc		15 HP: 21.4 ci / 350 cc
2.08:1	2.01:1	9.9 HP: 2.33:1
		15 HP: 2.08:1
4500-5000	4500-5500	9.9 HP: 5000-6000
9.9 HP: 91 lb / 42 kg	111 lb / 50 kg	15 HP: 4500-5500
15 HP: 99 lb / 45 kg		9.9 HP: 92 lb / 42 kg
		15 HP: 101 lb / 46kg
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	NO	NO
NO	NO	NO
Some Models	Some Models	Some Models



# **Johnson**

## **FOUR STROKE**

# 4

J4R4SR  
J4RL4SR

# 6




J6R4SR  
J6RL4SR

# 8

J8R4SR  
J8RL4SR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Large Displacement	More power and torque.	Enhanced performance.
Single Overhead Camshaft with 2-Valves per Cylinder (6/8HP only)	Optimizes power and torque.	More power when you need it.
Overhead Valve Design (4HP only)	Compact and lightweight.	Ease of handling and portability.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Large Displacement (8HP only)	More power and torque.	Longer engine life.
Cast In Cylinder Sleeves (6/8HP only)	Reduces machining and manufacturing tolerances.	Longer engine life.
CDI Ignition Coils (4HP only)	Improved ignition and combustion.	More stable idle and longer plug life.
 <b>CONVENIENCE</b>		
Shallow Water Drive (6/8HP only)	Allows engine to be run in a slightly tilted position for shallow water operation.	Easy shallow water navigation.
Center Mounted Tiller Arm (6/8HP only)	More comfortable to grasp.	Easier control and maneuverability.
180 Degree Steering (4HP only)	More flexible maneuverability.	Allows for full reverse thrust and tighter turns.
1.5 Liter Fuel Tank (4HP only)	More fuel capacity.	Longer range and fewer fill-ups.
Forward Mounted Tiller Arm (4HP only)	Allows operator to sit more forward in the boat.	Helps small boats to get on plane.
Lightweight/Compact	Portability.	Easy to carry and install/remove from boat.
CARB 2 STAR	Meets CARB 2006 emission regulations.	Cleaner environment for everyone.
Three Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## FOUR STROKE

# 4

J4R4SR  
J4RL4SR

# 6

J6R4SR  
J6RL4SR

# 8

J8R4SR  
J8RL4SR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Valvetrain

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

### EMISSIONS COMPLIANCE

### LIMITED WARRANTY



<b>J4R4SR \$ _____</b>	<b>J6R4SR \$ _____</b>	<b>J8R4SR \$ _____</b>
<b>J4RL4SR \$ _____</b>	<b>J6RL4SR \$ _____</b>	<b>J8RL4SR \$ _____</b>
<b>4 HP</b>	<b>6 HP</b>	<b>8 HP</b>
<b>(a) J4R4SR</b>	<b>(a) J6R4SR</b>	<b>(a) J8R4SR</b>
<b>(b) J4RL4SR</b>	<b>(b) J6RL4SR</b>	<b>(b) J8RL4SR</b>
4-Stroke 1 Cyl.	4-Stroke 1 Cyl.	4-Stroke 2 Cyl. In-Line
138 cc (8.4 ci)	128 cc (7.8 ci)	210 cc (12.8 ci)
62 x 46 mm (2.4 x 1.8 in)	56.6 x 51 mm (2.22 x 2.01 in)	56.6 x 42 mm (2.22 x 1.65 in)
OHV 2 Valves/Cyl.	SOHC 2 Valves/Cyl.	SOHC 2 Valves/Cyl.
(a) 25 kg (55 lb)	(a) 31 kg (68 lb)	(a) 38 kg (83 lb)
(b) 26 kg (57 lb)	(b) 32 kg (71 lb)	(b) 40 kg (88 lb)
4000-5000 RPM	5500-6500 RPM	5000-6000 RPM
(2.9 kw) 4 HP @ 4500 RPM	(4.5 kw) 6 HP @ 6000 RPM	(6 kw) 8 HP @ 5500 RPM
1 Carburetor	1 Carburetor	1 Carburetor
Manual Auto Rewind	Manual Auto Rewind	Manual Auto Rewind
Optional 6 Amp	Optional 5 Amp	Optional 5 Amp
Tiller	Tiller	Tiller
Pressure & Water Temp	Pressure & Water Temp	Pressure & Water Temp
Controlled	Controlled	Controlled
Manual Trim & Tilt Shallow	Manual Trim Programmed Tilt	Manual Trim Programmed Tilt
Water Drive	Shallow Water Drive	Shallow Water Drive
(a) 15" (381) / White	(a) 15" (381) / White	(a) 15" (381) / White
(b) 20" (508) / White	(b) 20" (508) / White	(b) 20" (508) / White
1.92:1	2.23:1	2.42:1
87 Octane Unleaded	87 Octane Unleaded	87 Octane Unleaded
Johnson 4-Stroke	Johnson 4-Stroke	Johnson 4-Stroke
EPA	EPA	EPA
CARB 2 STAR	CARB 2 STAR	CARB 2 STAR
3 Year Non-Declining*	3 Year Non-Declining*	3 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## FOUR STROKE

### COMPETITIVE SPECIFICATIONS

# 6

J6R4SR  
J6RL4SR

# 8

J8R4SR  
J8RL4SR

MODEL & HP	JOHNSON 6/8 HP
Engine Type	4-Stroke
	6 HP: 1 Cylinder SOHC
	8 HP: 2 Cylinder SOHC
Displacement cu in. (cc)	6 HP: 7.8 ci / 128 cc
	8 HP: 12.8 ci / 210 cc
Gear Ratio	6 HP: 2.23:1
	8 HP: 2.42:1
RPM Range	6 HP: 5500-6500
	8 HP: 5000-6000
Weight*	6 HP: 68 lb / 31 kg
	8 HP: 83 lb / 38 kg

**Consumer Benefit:** The Johnson 6 HP is lighter than the Yamaha and Honda models, thanks to its single cylinder configuration. This makes it the perfect choice for those who value portability.

Alternator	Optional 5 Amp
Limited Warranty**	3 Year NON-Declining Coverage
Balanced Carrying Handle	All Models
Center Mounted Tiller Arm	All Models

**Consumer Benefit:** The Johnson 6 and 8 HP models feature technology that enhances their performance and delivers more of what today's customer is looking for. Smooth, quiet operation, combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



<b>YAMAHA 6/8 HP</b>	<b>MERCURY 6 HP</b>	<b>HONDA 8 HP</b>
4-Stroke	4-Stroke	4-Stroke
2-Cylinder	Single Cylinder	2-Cylinder
SOHC	OHV	SOHC
12 ci / 197 cc	7.5 ci / 123 cc	13.5 ci / 222 cc
2.08:1	2.15:1	2.33:1
6 HP: 4500-5500	5000-6000	4500-5500
8 HP: 5000-6000		
83 lb / 38 kg	55 lb / 25 kg	92 lb / 42 kg
Optional 6 Amp	Optional 4 Amp	12 Amp
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	NO	NO
NO	NO	NO



# Johnson®

## FOUR STROKE

# 4

J4R4SR  
J4RL4SR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 4 HP
Engine Type	4-Stroke
	Single Cylinder
	OHV
Displacement cu in. (cc)	8.4 ci / 138 cc

**Consumer Benefit:** The Johnson 4 HP features 25% more displacement than Yamaha and also 10% more displacement than Mercury and Honda. That additional displacement provides excellent low-to-midrange torque and throttle response.

Gear Ratio	1.92:1
RPM Range	4000-5000

**Consumer Benefit:** The Johnson 4 HP is 5 lb lighter than the Honda, making it easier to handle and carry.

**Consumer Benefit:** The Johnson outboard's available 6 amp alternator is the highest output in its class.

Limited Warranty**	3 Year NON-Declining Coverage
1.5L Built in Fuel Tank	All Models
6 Amp Alternator	Optional
8.4 Cubic Inch Displacement	All Models
CDI Ignition Coils	All Models

**Consumer Benefit:** The Johnson 4 HP model features technology that enhances its performance and delivers more of what today's customer is looking for. Smooth, quiet operation combined with high fuel efficiency and environmental consideration. The extra value of these combined features makes them a good choice for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

YAMAHA 4 HP	MERCURY 4 HP	HONDA 5 HP
4-Stroke	4-Stroke	4 Stroke
Single Cylinder	Single Cylinder	Single Cylinder
OHV	OHV	SOHC
6.7 ci / 112 cc	7.5 ci / 123 cc	7.8 ci / 127 cc
2.08:1	2.15:1	2.08:1
4000-5000	4500-5500	4000-5000
48 lb / 22 kg	55 lb / 25 kg	60 lb / 27 kg
N/A	Optional 4 Amp	Optional 3 Amp
3 Year DECLINING Coverage	3 Year Non-Declining Coverage	3 Year Non-Declining Coverage
NO	NO	NO
NO	NO	NO
NO	NO	NO
NO	NO	NO



# Johnson®

## 150


J150PLSR  
J150GLSR  
J150PXSR  
J150CXSR


## 175


J175PLSR  
J175GLSR  
J175PXSR  
J175CXSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight Compact 60 Degree V6 Design	Narrow design is ideal for twin engine applications. It also provides better fishing ability and visibility.	A lightweight engine improves the performance.
Power Path™ Induction	Gets fuel/air charge to the cylinder faster.	More torque.
Optical Ignition OLS™	No creeping of engine timing.	Quicker acceleration.
FasTrak™ Trim & Tilt	75 degrees of trim and tilt range to increase your boat's efficiency.	Gives the consumer the ability to adjust the attitude of a boat, and to increase the performance and fuel economy, depending on the load and water conditions.

 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Heavy Duty Gearcase	Uses large gears to handle heavy loads.	Durable gearcase that is at home pushing heavy boats.
S.L.O.W.™	Speed Limiting Overheat Warning.	Slows engine to help prevent damage in an overheating situation.
DeepGuard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
EDP-Electro Deposition Paint	EDP is applied to all aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge to provide complete, uniform coverage.	Creates a durable finish to add protection for the harsh marine environment.
Saltwater Edition Corrosion Protection Package	Resists the harsh elements of the salt-water environment to protect your investment.	Low maintenance. Long engine life.

 <b>CONVENIENCE</b>		
Quickstart	Eliminates the need to set the throttle lever into a fast idle warm up position and automatically adjusts the engine to run at fast idle.	Quick, easy starting.
Fuel Injection Starting	Injects fuel directly into the crankcase for fast, easy starts.	Quick, easy starting.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.

# Johnson®

## 150

J150PLSR  
J150GLSR  
J150PXSR  
J150CXSR

## 175

J175PLSR  
J175GLSR  
J175PXSR  
J175CXSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY



J150PLSR \$ _____	J175PLSR \$ _____
J150GLSR \$ _____	J175GLSR \$ _____
J150PXSR \$ _____	J175PXSR \$ _____
J150CXSR \$ _____	J175CXSR \$ _____
<b>150 HP</b>	<b>175 HP</b>
(a) J150PLSR	(a) J175PLSR
(b) J150GLSR	(b) J175GLSR
(c) J150PXSR	(c) J175PXSR
(d) J150CXSR	(d) J175CXSR
Loop Charged V6 60 Degree	Loop Charged V6 60 degree
2589 cc (158 ci)	2589 cc (158 ci)
91 x 66 mm (3.6 x 2.588 in)	91 x 66 mm (3.6 x 2.588 in)
(a) (b) 174 kg (383 lb)	(a) (b) 174 kg (383 lb)
(c) (d) 177 kg (391 lb)	(c) (d) 177 kg (391 lb)
4500-5500 RPM	4500-5500 RPM
(112 kw) 150 HP @ 5000 RPM	(131 kw) 175 HP @ 5000 RPM
2 Triple Throat Carburetors	2 Triple Throat Carburetors
Electric	Electric
Top Charge™ 35 Amp with Voltage Regulator	Top Charge™ 35 Amp with Voltage Regulator
Remote	Remote
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled
FasTrak™ Power Trim & Tilt	FasTrak™ Power Trim & Tilt
-6 deg to +15 deg	-6 deg to +15 deg
75 Degrees	75 Degrees
(a) 20" (508) / White	(a) 20" (508) / White
(b) 20" (508) / Graphite	(b) 20" (508) / Graphite
(c) (d) 25" (635) / White	(c) (d) 25" (635) / White
(a) (b) 1.86:1	(a) (b) 1.86:1
(c) (d) 1.85:1	(c) (d) 1.85:1
87 Octane	87 Octane
XD 25™ Outboard Oil	XD 25™ Outboard Oil
Oil Injection	Oil Injection
2 Year Non-Declining*	2 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.





# 150

J150PLSR  
J150GLSR  
J150PXS  
J150CXSR

# 175

J175PLSR  
J175GLSR  
J175PXS  
J175CXSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP		JOHNSON 150/175 HP
Engine Type		2-Stroke
		Loop Charged
		60° V-6
Induction		PowerPath™
<b>Consumer Benefit:</b> The Johnson 150 and 175 HP models feature PowerPath Induction. With this exclusive design, our engineers have positioned the carburetors and intake valves much closer to the cylinder itself. This shorter path means the air and fuel charge reaches the intake ports faster for quicker acceleration and more low end torque. Whether towing a skier, planning a tournament fishing load or plowing through heavy seas, Johnson outboards have the power to get the job done.		
Displacement cu in. (cc)		158 ci / 2589 cc
Gear Ratio		1.86:1
RPM Range		4500-5500
Weight*		383 lbs / 174 kgs
<b>Consumer Benefit:</b> The Johnson 150/175 HP models are the lightest engines in their class, providing overall superior boat performance and boat handling characteristics.		
Alternator		35 Amp
Limited Warranty**		2 Year NON-Declining Coverage
<b>Consumer Benefit:</b> Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.		
Electro Deposition Paint		All Models
Stainless Steel Steering Arm & Shaft		Saltwater Edition Models
Closed Deck Cylinder Block Assembly		All Models
Relieved Split Line Gearcase		All Models
Freshwater Flush Adapter		All Models
<b>Consumer Benefit:</b> All Johnson Saltwater Edition 150/175 HP models come with one of the most complete sets of corrosion protection features in outboards. Whether the environment is salty, mineral rich or full of sediment, a Johnson outboard is designed to survive.		
175 HP Model		YES
Adjustable Cooling Water Tell-Tale		All Models
Tilt Limit Switch		All Models
Built-in Trailing Bracket		All Models
Optical Ignition OIS		All Models
No Oil Warning		All Models
<b>Consumer Benefit:</b> Low maintenance and operator convenience are keys to a pleasurable boating experience. Johnson outboards feature an adjustable tell-tale to help ensure visibility from the driver's position, a built-in trailing bracket that allows for proper support on the trailer and a no oil warning to alert the operator. These all help contribute to a more hassle-free time on the water.		

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



YAMAHA 150 HP	MERCURY 150 HP	HONDA
2-Stroke	2-Stroke	No model with this technology
Loop-Charged	Loop-Charged	
90° V-6	60° V-6	
Conventional	Conventional	
158.4 ci / 2596 cc	153 ci / 2507 cc	
1.86:1	1.87:1	
4500-5500	5000-56000	
426 lb / 194 kg	406 lb / 184 kg	
25 Amp	40 Amp	
2 Year Declining Coverage	1 Year	
NO	NO	
Some Models	Some Models	
NO	NO	
NO	NO	
All Models	All Models	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	NO	



# Johnson®

## 90

J90PLSR  
J90GLSR  
J90PXSR


NEW!


## 115


J115PLSR  
J115GLSR  
J115PXSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight Compact 60 Degree V4 Design	Narrow design is ideal for twin engine applications. It also provides better fishing ability and visibility.	A lightweight engine improves the performance.
Power Path™ Induction	Gets fuel/air charge to the cylinder faster.	More torque.
Optical Ignition OLS™	No creeping of engine timing.	Quicker acceleration.
FasTrak™ Trim & Tilt	75 degrees of trim and tilt range to increase your boat's efficiency.	Gives the consumer the ability to adjust the attitude of a boat, and to increase the performance and fuel economy, depending on the load and water conditions.

 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Heavy Duty Gearcase	Uses large gears to handle heavy loads.	Durable gearcase that is at home pushing heavy boats.
S.L.O.W.™	Speed Limiting Overheat Warning.	Slows engine to help prevent damage in an overheating situation.
DeepGuard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
EDP-Electro Deposition Paint	EDP is applied to all aluminum housings below the powerhead. The parts are immersed in paint with an opposite electrical charge to provide complete, uniform coverage.	Creates a durable finish to add protection for the harsh marine environments.
Saltwater Edition Corrosion Protection Package	Resists the harsh elements of the salt-water environment to protect your investment.	Low maintenance. Long engine life.

 <b>CONVENIENCE</b>		
Quickstart	Eliminates the need to set the throttle lever into a fast idle warm up position and automatically adjusts the engine to run at fast idle.	Quick, easy starting.
Fuel Injection Starting	Injects fuel directly into the crankcase for fast, easy starts.	Quick, easy starting.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Freshwater Flushing Port	Allows engine to be flushed in or out of the water, running or not running.	Simple to use, provides preventative maintenance.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.

# Johnson®

## 90

J90PLSR  
J90GLSR  
J90PXSR

NEW!

## 115

J115PLSR  
J115GLSR  
J115PXSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

Trim Range

Degrees of Trim/Tilt

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY



J90PLSR \$ \_\_\_\_\_

J90GLSR \$ \_\_\_\_\_

J90PXSRL \$ \_\_\_\_\_

J115PLSR \$ \_\_\_\_\_

J115GLSR \$ \_\_\_\_\_

J115PXSRL \$ \_\_\_\_\_

**90 HP**

(a) J90PLSR

(b) J90GLSR

(c) J90PXSRL

Loop Charged V4 60 Degree

1726 cc (105.4 ci)

91 x 66 mm (3.6 x 2.588 in)

(a) (b) 152 kg (335 lb)

(c) 160 kg (352 lb)

4500-5500 RPM

(67.2 kw) 90 HP @ 5000 RPM

2 Dual Throat Carburetors

Electric

20 Amp with Voltage Regulator

Remote

Tiller-Optional

Pressure &amp; Water Temp Controlled

FasTrak™ Power Trim &amp; Tilt

-6 deg to +15 deg

75 Degrees

**115 HP**

(a) J115PLSR

(b) J115GLSR

(c) J115PXSRL

Loop Charged V4 60 Degree

1726 cc (105.4 ci)

91 x 66 mm (3.6 x 2.588 in)

(a) (b) 152 kg (335 lb)

(c) 160 kg (352 lb)

4500-5500 RPM

(85.8 kw) 115 HP @ 5000 RPM

2 Dual Throat Carburetors

Electric

20 Amp with Voltage Regulator

Remote

Tiller-Optional

Pressure &amp; Water Temp Controlled

FasTrak™ Power Trim &amp; Tilt

-6 deg to +15 deg

75 Degrees

(a) 20" (508) / White

(b) 20" (508) / Graphite

(c) 25" (635) / White

(a) (b) 2:1

(c) 2.25:1

(a) 20" - (508) / White

(b) 20" - (508) / Graphite

(c) 25" - (635) / White

(a) (b) 20"-2:1

(c) 2.25:1

87 Octane

XD 25™ Outboard Oil

Oil Injection

87 Octane

XD 25 Outboard™ Oil

Oil Injection

2 Year Non-Declining\*

2 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



# Johnson®

## 90

J90PLSR  
J90GLSR  
J90PXS

NEW!

## 115

J115PLSR  
J115GLSR  
J115PXS

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 90/115 HP
Engine Type	2-Stroke
	Loop Charged
	60° V-6
Induction	PowerPath™
<b>Consumer Benefit:</b> The Johnson 90 and 115 HP models feature PowerPath Induction. With this exclusive design, our engineers have positioned the carburetors and intake valves much closer to the cylinder itself. This shorter path means the air and fuel charge reaches the intake ports faster for quicker acceleration and more low end torque. Whether towing a skier, planing a tournament fishing load or plowing through heavy seas, Johnson outboards have the power to get the job done.	
Displacement cu in. (cc)	105.4 ci / 1726 cc
<b>Consumer Benefit:</b> The Johnson 90 HP has over 50% more displacement than the Yamaha and 25% more than the Mercury! This larger displacement provides for excellent torque and power to pull a skier or plane a heavy load. And that extra power translates into more overall performance throughout the entire RPM range.	
Gear Ratio	2.00:1
RPM Range	4500-5500
Weight*	335 lb / 152 kg
Alternator	20 Amp
<b>Consumer Benefit:</b> The Johnson 90 HP has up to double the alternator output of the competition!	
Limited Warranty**	2 Year NON-Declining Coverage
<b>Consumer Benefit:</b> Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.	
Electro Deposition Paint	All Models
Stainless Steel Steering Arm & Shaft	Saltwater Edition Models
Closed Deck Cylinder Block Assembly	All Models
Relieved Split Line Gearcase	All Models
Freshwater Flush Adapter	All Models
<b>Consumer Benefit:</b> All Johnson Saltwater Edition 90/115 HP models come with one of the most complete sets of corrosion protection features in outboards. Whether the environment is salty, mineral rich or full of sediment, a Johnson outboard is designed to survive.	
Adjustable Cooling Water Tell-Tale	All Models
Adjustable Tilt Limit Switch	All Models
Optical Ignition OIS	All Models
No Oil Warning	All Models

**Consumer Benefit:** Low maintenance and operator convenience are keys to a pleasurable boating experience. Johnson outboards feature an adjustable tell-tale to help ensure visibility from the driver's position, a built-in trailering bracket that allows for proper support on the trailer and a no oil warning to alert the operator. These all help contribute to a more hassle-free time on the water.

YAMAHA 90/115 HP	MERCURY 90/115 HP	HONDA
2-Stroke	2-Stroke	No model with this technology
Loop Charged	Loop Charged	
90 HP: 3-Cylinder In-Line	90 HP: 3-Cylinder In-Line	
115 HP: V-4	115 HP: 4-Cylinder In-Line	
Conventional	Conventional	
90 HP: 69.6 ci / 1140 cc	90 HP: 84.6 ci / 1386 cc	
115 HP: 105 ci / 1730 cc	115 HP: 113 ci / 1848 cc	
2.00:1	90 HP: 2.33:1	
	115 HP: 2.07:1	
4500-5500	90 HP: 5000-5500	
	115 HP: 4750-5250	
90 HP: 261 lb / 119 kg	90 HP: 303 lb / 137 kg	
115 HP: 358 lb / 163 kg	115 HP: 348 lb / 158 kg	
90 HP: 10 Amp	18 Amp	
115 HP: 20 Amp		
2 Year DECLINING Coverage	1 Year	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	Some Models	
NO	NO	
NO	NO	
NO	NO	
NO	NO	

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weight at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



# Johnson®

## 40

J40RSR  
J40RLSR  
J40PLSR




## 50

J50PLSR





# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight Compact Design	Provides better fishing ability and visibility.	A lightweight engine improves the boat performance.
Loop Scavenged	Improved fuel economy and better performance.	More time on the water with better performance.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
S.L.O.W. <sup>™</sup>	Speed Limiting Overheat Warning.	Slows engine to help prevent damage in an overheating situation.
DeepGuard <sup>™</sup> Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Quickstart	Eliminates the need to set the throttle lever into a fast idle warm up position and automatically adjusts the engine to run at fast idle.	Quick, easy starting.
Fuel Injection Starting	Injects fuel directly into the crankcase for fast, easy starts.	Quick, easy starting.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Maintenance Valve (remote model)	Makes winterizing and routine service easier.	Easy, do it yourself maintenance.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## 40

J40RSR  
J40RLSR  
J40PLSR

## 50

J50PLSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY



**J40RSR**    \$\_\_\_\_\_

**J40RLSR**    \$\_\_\_\_\_

**J40PLSR**    \$\_\_\_\_\_

**J50PLSR**    \$\_\_\_\_\_

40 HP	50 HP
(a) J40RSR	J50PLSR
(b) J40RLSR	
(c) J40PLSR	
Loop Charged 2 Cyl.	Loop Charged 2 Cyl.
737 cc (45 ci)	737 cc (45 ci)
81 x 72 mm (3.187 x 2.820 in)	81 x 72 mm (3.187 x 2.820 in)
(a) 88 kg (195 lb)	20"- 92 kg (202 lb)
(b) (c) 92 kg (202 lb)	
4500-5500 RPM	4500-5500 RPM
(29.8 kw) 40 HP @ 5000 RPM	(37 kw) 50 HP @ 5000 RPM
2 Carburetors	2 Carburetors
(a) (b) Manual Auto Rewind	Electric
(c) Electric	
12 Amp with Voltage Regulator	12 Amp with Voltage Regulator
(a) (b) Tiller	Remote
(c) Remote	Tiller-Optional
Pressure & Water Temp Controlled	Pressure & Water Temp Controlled
(a) (b) Manual Trim & Tilt and Shallow Water Drive	Power Trim & Tilt
(c) Power Trim & Tilt	
(a) 15" (381) / White	20" (508) / White
(b) (c) 20" (508) / White	
2.42:1	2.42:1
87 Octane	87 Octane
XD 25™ Outboard Oil	XD 25™ Outboard Oil
Oil Injection	Oil Injection
2 Year Non-Declining*	2 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.





# 40

J40RSR  
J40RLSR  
J40PLSR

# 50

J50PLSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 40/50 HP
Engine Type	2-Stroke
	Loop Charged
	2-Cylinder In-Line
Displacement cu in. (cc)	45 ci / 737 cc

**Consumer Benefit:** The 2-cylinder design of the Johnson 40 and 50 HP models combined with 45 cubic inches of displacement provide a powerful, dependable and efficient powerplant for aluminum fishing and pontoon boats.

Gear Ratio	2.42:1
RPM Range	4500-5500
Weight*	195 lb / 88 kg
Alternator (Electric Start Models)	12 Amp
Limited Warranty**	2 Year NON-Declining Coverage

**Consumer Benefit:** Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Maintenance Valve	All Models
No Oil Warning	All Models
Hydraulic Manual Trim	All Tiller Models
High Output Alternator	Electric Models

**Consumer Benefit:** The Johnson 40 and 50 HP models deliver more features in an engine that is easy to operate and own. The extra benefits of these combined features make them a good value for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 20" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

YAMAHA 40/50 HP	MERCURY 40/50 HP	HONDA
2-Stroke	2-Stroke	No model with this technology
Loop Charged	Loop Charged	
3-Cylinder In-Line	3-Cylinder In-Line	
42.6 ci / 698 cc	59 ci / 966 cc	
1.85:1	1.83:1	
4500-5500	5000-5500	
189 lb / 86 kg	204 lb / 93 kg	
6 Amp	16 Amp	
2 Year DECLINING Coverage	1 Year	
NO	NO	
NO	NO	
NO	NO	
NO	Some Models	



# Johnson®

## 25

J25RSR  
J25RLSR  
J25TESR  
J25TELSR  
J25ELSR  
J25GTESR




NEW!

## 30

J30RSR  
J30RLSR  
J30ELSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight, Compact Design	Provides better fishing ability and visibility.	A lightweight engine improves the boat performance.
Cross Scavenged	Smooth idle, good efficiency and good low-speed running quality.	Smooth operation at all engine speeds.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Weed Shedding Water Intake	Prevents most weeds from clogging the water inlet.	Overheat protection.
S.L.O.W. <sup>™</sup>	Speed Limiting Overheat Warning	Slows engine to prevent damage in an overheating situation.
DeepGuard <sup>™</sup> Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Quickstart	Eliminates the need to set the throttle lever into a fast idle warm up position and automatically adjusts the engine to run at fast idle.	Quick, easy starting.
Fuel Injection Starting	Injects fuel directly into the crankcase for fast, easy starts.	Quick, easy starting.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Maintenance Valve (remote model)	Makes winterizing and routine service easier.	Easy, do it yourself maintenance.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## 25

J25RSR  
J25RLSR  
J25TESR  
J25TELSR  
J25ELSR  
J25GTESR

NEW!

## 30

J30RSR  
J30RLSR  
J30ELSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY





J25RSR \$ \_\_\_\_\_  
 J25RLSR \$ \_\_\_\_\_  
 J25TESR \$ \_\_\_\_\_  
 J25TELSR \$ \_\_\_\_\_  
 J25ELSR \$ \_\_\_\_\_  
 J25GTESR \$ \_\_\_\_\_

J30RSR \$ \_\_\_\_\_  
 J30RLSR \$ \_\_\_\_\_  
 J30ELSR \$ \_\_\_\_\_

## 25 HP

- (a) J25RSR  
 (b) J25RLSR  
 (c) J25TESR  
 (d) J25GTESR  
 (e) J25TELSR  
 (f) J25ELSR

Cross-Flow 2-Cyl.

521 cc (32 ci)

76 x 57 mm (3 x 2.25 in)

(a) (c) (d) 53 kg (117 lb)

(b) (f) 55 kg (122 lb)

(e) 56 kg (124 lb)

4500-5500 RPM

(18.7 kw) 25 HP @ 5000 RPM

1 Carburetor

(a) (b) Manual Auto Rewind

(c) (d) (e) (f) Electric

(c) (d) (e) (f) 4-amp

(a) (b) Optional 4-amp

(a) (b) (c) (d) (e) Tiller

(e) Remote

Pressure & Water Temp Controlled

Manual Trim & Tilt and Shallow Water Drive

## 30 HP

- (a) J30RSR  
 (b) J30RLSR  
 (c) J30ELSR

Cross-Flow 2-Cyl.

521 cc (32 ci)

76 x 57 mm (3 x 2.25 in)

(a) 53 kg (117 lb)

(b) 55 kg (122 lb)

(c) 56 kg (124 lb)

4500-5500 RPM

(22.4 kw) 30 HP @ 5000 RPM

1 Carburetor

(a) (b) Manual Auto Rewind

(c) Electric

(c) 4-amp

(a) (b) Optional 4-amp

(a) (b) Tiller

(c) Remote

Pressure & Water Temp Controlled

Manual Trim & Tilt and Shallow Water Drive

(a) (c) 15" (381) / White

(d) 15" (381) / Graphite

(b) (e) (f) 20" (508) / White

2.23:1

(a) 15" (381) / White

(b) (c) 20" (508) / White

2.23:1

87 Octane

XD 25™ Outboard Oil

Pre-mix

87 Octane

XD 25™ Outboard Oil

Pre-mix

2 Year Non-Declining\*

2 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



## 25

J25RSR  
J25RLSR  
J25TESR  
J25TELSR  
J25ELSR  
J25GTESR

NEW!

## 30

J30RSR  
J30RLSR  
J30ELSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 25/30 HP
Engine Type	2-Stroke
	Cross-Flow
	2-Cylinder In-Line

**Consumer Benefit:** The Cross-Flow design of the Johnson 25 and 30 HP provides smooth running characteristics and the ability to idle or troll for extended periods of time. Johnson is the only brand to have a 30 HP model.

Displacement cu in. (cc)	32 ci / 521 cc
--------------------------	----------------

**Consumer Benefit:** The Johnson 25 HP has more displacement than the Yamaha or the Mercury. The larger displacement of the Johnson 25 HP model provides excellent power and strong low-end performance.

Gear Ratio	2.15:1
RPM Range	4500-5500
Weight*	117 lb / 53 kg
Alternator (Electric start models)	4 Amp
Limited Warranty**	2 Year NON-Declining Coverage

**Consumer Benefit:** Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.

30 HP Model	YES
Maintenance Valve	All Models
Quick Release Tilt Pin	All Models
Fuel Injection Starting	All Models

**Consumer Benefit:** The Johnson 25 and 30 HP models deliver more features in an engine that is easy to operate and own. The extra benefits of these combined features make them a good value for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

YAMAHA 25 HP	MERCURY 25 HP	HONDA
2-Stroke	2-Stroke	No model with this technology
Cross-Flow	Cross-Flow	
2-Cylinder In-Line	2-Cylinder In-Line	
24.1 ci / 395 cc	24.4 ci / 400 cc	
2.08:1	2.25:1	
5000-6000	5000-6000	
106 lb / 48 kg	114 lb / 52 kg	
6 Amp	6 Amp	
2 Year DECLINING Coverage	1 Year	
NO	NO	
NO	NO	
NO	NO	
NO	NO	



# Johnson®

## 9.9




J10RSR  
J10RLSR

## 15

J15RSR  
J15RLSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight, Compact Design	Provides better fishing ability and visibility.	Easy portability.
Cross Scavenged	Smooth idle, good efficiency and good low-speed running quality.	Smooth operation at all engine speeds.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Dual Fish Line Cutter	Prevents fishing line from wrapping around propeller and damaging seals.	Prevents water intrusion and gearcase damage.
Weed Shedding Water Intake	Prevents most weeds from clogging the water inlet.	Overheat protection.
DeepGuard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Center Mounted Tiller Arm	More comfortable to grasp.	Easier control and maneuverability.
Fold Away Balanced Carrying Handle	Balanced carrying point.	Easy portability.
Shallow Water Drive	Allows engine to be run in a slightly tilted position for shallow water operation.	Easy shallow water navigation.
Fuel Injection Starting	Injects fuel directly into the crankcase for fast, easy starts.	Quick, easy starting.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.



# Johnson®

## 9.9

J10RSR  
J10RLSR

## 15

J15RSR  
J15RLSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY



**J10RSR**    \$ \_\_\_\_\_

**J10RLSR**    \$ \_\_\_\_\_

**J15RSR**    \$ \_\_\_\_\_

**J15RLSR**    \$ \_\_\_\_\_

**9.9 HP**

**(a) J10RSR**

**(b) J10RLSR**

Cross-Flow 2-Cyl.

255 cc (15.6 ci)

60 x 45 mm (2.375 x 1.760 in)

(a) 34 kg (74 lb)

(b) 35 kg (77 lb)

5000-6000 RPM

(7.5 kw) 9.9 HP @ 5500 RPM

1 Carburetor

Manual Auto Rewind

Optional Electric

Optional-5 Amp

Tiller

Remote-Optional

Pressure & Water Temp Controlled

Manual Trim & Tilt and Shallow Water Drive

**15 HP**

**(a) J15RSR**

**(b) J15RLSR**

Cross-Flow 2-Cyl.

255 cc (15.6 ci)

60 x 45 mm (2.375 x 1.760 in)

(a) 34 kg (74 lb)

(b) 35 kg (77 lb)

5000-6000 RPM

(11.2 kw) 15 HP @ 5500 RPM

1 Carburetor

Manual Auto Rewind

Optional Electric

Optional-5 Amp

Tiller

Remote-Optional

Pressure & Water Temp Controlled

Manual Trim & Tilt and Shallow Water Drive

(a) 15" (381) / White

(b) 20" (508) / White

2.42:1

(a) 15" (381) / White

(b) 20" (508) / White

2.42:1

87 Octane

XD 25™ Outboard Oil

Pre-mix

87 Octane

XD 25™ Outboard Oil

Pre-mix

2 Year Non-Declining\*

2 Year Non-Declining\*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.





# 9.9

J10RSR  
J10RLSR

# 15

J15RSR  
J15RLSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 9.9/15 HP
Engine Type	2-Stroke
	Cross-Flow
	2-Cylinder In-Line

**Consumer Benefit:** The Cross-Flow design of the Johnson 9.9 and 15 HP provides smooth running characteristics and the ability to idle or troll for extended periods of time.

Displacement cu in. (cc)	15.6 ci / 255 cc
Gear Ratio	2.42:1
RPM Range	5000-6000
Weight*	74 lb / 34 kg
Limited Warranty**	2 Year NON-Declining Coverage

**Consumer Benefit:** Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Maintenance Valve	All Models
Quick Release Tilt Pin	All Models
Fresh Water Flushing Port Accessory	All Models
Center Mount Tiller Arm	All Models
Balanced Carrying Handle	All Models
Over Revving Limiter	All Models

**Consumer Benefit:** The Johnson 9.9 and 15 HP models deliver more features in an engine that is easy to operate and own. The extra benefits of these combined features make them a good value for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weights at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



<b>YAMAHA 9.9/15 HP</b>	<b>MERCURY 9.9/15 HP</b>	<b>HONDA</b>
2-Stroke	2-Stroke	No model with this technology
Cross-Flow	Cross-Flow	
2-Cylinder In-Line	2-Cylinder In-Line	
15 ci / 246 cc	16 ci / 262 cc	
2.08:1	2.00:1	
4500-5500	5000-6000	
79 lb / 36 kg	77 lb / 35 kg	
2 Year DECLINING Coverage	1 Year	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	NO	



# Johnson®

## 3.5

J3RSR

## 6




J6RSR  
J6RLSR

## 8

J8RSR  
J8RLSR



# TOP REASONS TO BUY:

FEATURE	ADVANTAGE	BENEFIT
 <b>PERFORMANCE</b>		
Two-Stroke Design	A power stroke every revolution of the crankshaft.	Quicker acceleration and faster top end speed.
Lightweight Compact Design	Provides better fishing ability and visibility.	Easy portability.
Cross Scavenged (6/8HP only)	Smooth idle, good efficiency and good low-speed running quality.	Smooth operation at all engine speeds.
Loop Scavenged (3.5HP only)	Improved fuel economy and better performance.	More time on the water with better performance.
 <b>DURABILITY, QUALITY, RELIABILITY</b>		
Over Revving Protection (6/8HP only)	Helps prevent engine damage.	Longer engine life.
Uni-forged Crankshaft (3.5HP only)	One piece crankshaft.	Increases engine durability.
Fish Line Cutter (6/8HP only)	Prevents fishing line from wrapping around propeller and damaging seals.	Prevents water intrusion and gearcase damage.
Weed Shedding Water Intake (6/8HP only)	Prevents most weeds from clogging the water inlet.	Overheat protection.
Deep Guard™ Corrosion Protection	A process of washing and rinsing cycles, coatings, sealers, baked on primer and baked on solids.	Protection in a harsh marine environment.
 <b>CONVENIENCE</b>		
Center Mounted Tiller Arm (6/8HP only)	More comfortable to grasp.	Easier control and maneuverability.
Fold Away Balanced Carrying Handle (6/8HP only)	Balanced carrying point.	Easy portability.
Large Integral Fuel Tank (3.5HP only)	Long running times.	Fewer fill-ups.
Forward/Neutral Shifting (3.5HP only)	Enhances control.	Better maneuverability.
Low Maintenance Technology	No engine oil to change, valves to adjust, belts or chains to replace.	Hassle free boating. More fun on the water.
Two Year Non-Declining Limited Warranty	Coverage does not decline during the warranty period.	Peace of mind.

# Johnson®

## 3.5

J3RSR

## 6

J6RSR  
J6RLSR

## 8

J8RSR  
J8RLSR



## SPECIFICATIONS

### MODEL

Model #

Type

Displacement

Bore x Stroke

Weight

Full Throttle RPM Range

Propshaft HP (kw)

Fuel Induction

Starting Method

Alternator Output

Steering

Cooling

Trim Method

### DRIVE

Shaft Length in. (mm) / Color

Gear Ratio

### FUEL & LUBRICATION

Recommended Fuel

Recommended Oil

Lubrication

### LIMITED WARRANTY



<b>J3RSR \$_____</b>	<b>J6RSR \$_____</b>	<b>J8RSR \$_____</b>
<b>J6RLSR \$_____</b>	<b>J8RLSR \$_____</b>	
<b>3.5 HP</b>	<b>6 HP</b>	<b>8 HP</b>
<b>J3RSR</b>	<b>(a) J6RSR</b>	<b>(a) J8RSR</b>
	<b>(b) J6RLSR</b>	<b>(b) J8RLSR</b>
Loop Charged 1-Cyl.	Cross-Flow 2-Cyl.	Cross-Flow 2-Cyl.
77.8 cc (4.47 ci)	164 cc (10 ci)	164 cc (10 ci)
48 x 43 mm (1.89 x 1.7 in)	49 x 43 mm (1.937 x 1.7 in)	49 x 43 mm (1.937 x 1.7 in)
13.5 kg (30 lb)	(a) 26 kg (58 lb)	(a) 26 kg (58 lb)
	(b) 28 kg (61 lb)	(b) 28 kg (61 lb)
4500-5500 RPM	4500-5500 RPM	5000-6000 RPM
(2.5 kw) 3.5 HP @ 5000 RPM	(4.5 kw) 6 HP @ 5000 RPM	(6 kw) 8 HP @ 5000 RPM
1 Carburetor	1 Carburetor	1 Carburetor
Manual Auto Rewind	Manual Auto Rewind	Manual Auto Rewind
N/A	Optional-4 Amp	Optional-4 Amp
Tiller with 360 Degree Turning	Tiller	Tiller
Variable Volume Centrimatic	Pressure & Water Temp	Pressure & Water Temp
Pump	Controlled	Controlled
Manual Trim & Tilt	Manual Trim & Tilt and	Manual Trim & Tilt and
	Shallow Water Drive	Shallow Water Drive
15" (381) / White	(a) 15" (381) / White	(a) 15" (381) / White
	(b) 20" (508) / White	(b) 20" (508) / White
1.85:1	2.23:1	2.23:1
87 Octane	87 Octane	87 Octane
XD 25™ Outboard Oil	XD 25™ Outboard Oil	XD 25™ Outboard Oil
Pre-mix	Pre-mix	Pre-mix
2 Year Non-Declining*	2 Year Non-Declining*	2 Year Non-Declining*

\*Limited warranties listed apply to new 2004 engines sold by authorized dealers in North America for recreational use only. International, government, promotional, and commercial warranties vary.



## 6

J6RSR  
J6RLSR

## 8

J8RSR  
J8RLSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP	JOHNSON 6/8 HP
Engine Type	2-Stroke
	Cross-Flow
	2-Cylinder In-Line

**Consumer Benefit:** The Cross-Flow design of the Johnson 9.9 and 15 HP provides smooth running characteristics and the ability to idle or troll for extended periods of time.

Displacement cu in. (cc)	10 ci / 164 cc
Gear Ratio	2.23:1
RPM Range	5000-6000
Weight*	56 lb / 25 kg

**Consumer Benefit:** The advanced design of the Johnson 6 and 8 HP makes them the lightest engines in their class, providing over-all easier portability.

Alternator	4 Amp Opt.
Limited Warranty**	2 Year NON-Declining Coverage

**Consumer Benefit:** Unlike some competitive brands that insist on declining coverage to their warranties, Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.

Fishing Line Cutter	All Models
Quick Release Tilt Pin	All Models
Center Mount Tiller Arm	All Models
Balanced Carrying Handle	All Models
Over Revving Limiter	All Models

**Consumer Benefit:** The Johnson 6 and 8 HP models deliver more features in an engine that is easy to operate and own. The extra benefits of these combined features make them a good value for the boater who is looking for a proven design and technology.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weight at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.

YAMAHA 8 HP	MERCURY 8 HP	HONDA
2-Stroke	2-Stroke	No model with this technology
Cross-Flow	Cross-Flow	
2-Cylinder In-Line	2-Cylinder In-Line	
10.1 ci / 165 cc	12.8 ci / 210 cc	
2.08:1	2.00:1	
4500-5500	4500-5500	
60 lb / 27 kg	73 lb / 33 kg	
6 Amp Opt.	6 Amp Opt.	
2 Year DECLINING Coverage	1 Year	
NO	NO	
NO	NO	
NO	NO	
NO	NO	
NO	NO	





# 3.5

J3RSR

## COMPETITIVE SPECIFICATIONS

MODEL & HP		JOHNSON 3.5 HP
Engine Type		2-Stroke
		1-Cylinder Loop Charged
<b>Consumer Benefit:</b> The Johnson 3.5 HP has more horsepower than the competition.		
Displacement cu in. (cc)		4.47 ci / 77.8 cc
Gear Ratio		1.85:1
RPM Range		4500-5500
Weight*		30 lb / 13.5 kg
Limited Warranty**		2 Year NON-Declining Coverage

**Consumer Benefit:** Johnson's 2 year limited warranty has no declining coverage. Johnson also boasts one of the most professionally trained and complete dealer networks in the marine industry.

\*Listed weights refer to each manufacturer's 15" shaft, published catalog weight at time of printing.

\*\*Warranty coverage based on 2004 Johnson coverage and 2004 competitive published statements.

Product warranty for international or commercial use may vary. See your dealer or distributor for further details.



YAMAHA	MERCURY 3.3 HP	HONDA
No model with this technology	2-Stroke	No model with this technology
	1-Cylinder Loop Charged	
	4.6 ci / 74.6 cc	
	2.15:1	
	4500-5500	
	29 lb / 13 kg	
	1 Year	



# **PROPELLER QUICK REFERENCE**

## **40-50HP 2 CYL-2 CYCLE ONLY**

ALUMINUM PROPS		SST	
12-1/2" x 11"	*775711	12-1/2" x 13"	390849
13" x 11"	386907	12-1/4" x 15"	390850
12-1/2" x 13"	*775713	11-3/4" x 17"	390851
12-1/2" x 13"	386909	11-1/4" x 19"	390852
12-1/4" x 15"	176421		
11-3/4" x 17"	176422		
11-1/2" x 19"	176423		
11-1/4" x 21"	391014	*High Thrust HydruS Props	

## **40-50HP 4-STROKE**

ALUMINUM PROPS		SST-HIGH LUSTER	
11-1/2" x 9"	5031621	10-1/2" x 13"	5031625
11-1/2" x 10"	5031622	10-1/2" x 14"	5031626
11-1/2" x 11"	5031623	10-1/2" x 15"	770380
11-5/8" x 12"	5031624	10-1/2" x 16"	5031629
11-1/2" x 13"	5031619	12-1/2" x 11"	*775711
11-3/8" x 14"	5031620	12-1/2" x 13"	*775713
11-1/4" x 15"	5031627	12-1/2" x 9"	*776807
11-1/8" x 16"	5031628	*High thrust hydruS props	

## **60-70 HP 4-STROKE / 60-115HP 3 CYL & V4 / 40-90HP E-TEC™**

ALUMINUM PROPS		SST	
14" x 19"	383160	13-3/4" x 11" TC	175294
14" x 11"	177148	13-3/4" x 13" TC	175013
14" x 13"	177149	13-3/4" x 13"	392261
13-3/4" x 15"	177151	13-7/8" x 15" S	176571
14" x 17"	177131	13-3/4" x 15" NS	177034
14" x 19"	177139	13-3/8" x 17" NS	177035
14" x 21"	177140	13-7/8" x 17" S	176572
12-3/4" x 23"	177150	13" x 19" NS	177036
		13-7/8" x 19" S	176573
		13-7/8" x 21" S	176574

S=Swept blade design

NS=Non-swept blade design

TC=Triple cup for pontoon boats

## **RAKER™ PROPS**

RAKER™ PROPS		RENEGADE™ BASS	
13-1/2" x 18"	394758	13-1/4" x 21"	176196
13-1/2" x 20"	394759	13-1/4" x 23"	176198
13-1/2" x 22"	394760		
13-1/2" x 24"	394761		

## **VIPER™ PROPS**

13-7/8" x 15"	177042		
13-7/8" x 17"	176623		
13-7/8" x 19"	176624		
13-7/8" x 21"	176625		

**90/115/140 (2002-2003) JOHNSON 4-STROKE**

ALUMINUM PROPS		SS POLISHED STD ROT		SS POLISHED CO-RO
13-1/2" x 15"	5033322	14" x 18"	5033327	5033955
14" x 17"	5033323	14" x 20"	777025	5033956
14" x 19"	5033324	14" x 22"	5033329	5033957
14" x 21"	5033325	14" x 24"	5033330	5033958
14" x 23"	5033326			

**V-6 130-300HP**

ALUMINUM PROPS				
15-1/2" x 13"	177132	15 1/2" x 15"	177133	
15" x 17"	177134	14-1/2" x 19"	177135	
14-1/2" x 21"	177136	14-1/4" x 23"	177137	

SST® – RIGHT HAND		SST – LEFT HAND	
15-1/2" x 14"	390831		
15" x 15"	174926	15" x 15"	174927
15" x 16"	389925		
14-3/4" x 17"	176615	14-3/4" x 17"	176616
14-3/4" x 19"	176617	14-3/4" x 19"	176618
14-3/4" x 21"	176619	14-3/4" x 21"	176620
14-1/4" x 23"	389019		

RAKER™ – RIGHT HAND		RAKER™ – LEFT HAND	
14-1/2" x 18"	394752		
14-1/2" x 20"	394753		
14-1/2" x 22"	394754	14-1/2" x 22"	398503
14-1/2" x 24"	394755	14-1/2" x 24"	398504
14-1/2" x 26"	394756		
14-1/2" x 28"	177009		
14-1/2" x 30"	177010		

VIPER™ – RIGHT HAND		VIPER™ – LEFT HAND	
14-3/4" x 17"	176626	14-3/4" x 17"	176629
14-3/4" x 19"	176627	14-3/4" x 19"	176630
14-3/4" x 21"	176628	14-3/4" x 21"	176902
14-1/4" x 23"	174816	14-1/4" x 23"	174813

CYCLONE™		CYCLONE™	
14-1/2" x 17"	176575	14-1/2" x 17"	176578
14-1/4" x 19"	176576	14-1/4" x 19"	176579
14-1/8" x 21"	176577	14-1/8" x 21"	176580
14-1/8" x 23"	176999	14-1/8" x 23"	177000

RENEGADE™ BASS			
13-1/2" x 23"	176058	13-1/2" x 27"	175739
13-1/2" x 25"	175738		

SRX™ – RIGHT HAND		SRX™ – LEFT HAND	
14-1/4" x 27"	391863	14-1/4" x 27"	394214
14-1/4" x 29"	391864		

# COMMON ENGINE ADD-ON KITS

PART NUMBER	DESCRIPTION	DEALER PRICE	MSRP
<b>TILLER HANDLE KITS</b>			
5001724	90/115 V4 DI	\$364.79	\$569.99
5004472	90/115 V4 Carb	\$364.79	\$569.99
5034246	90/115 Four-Stroke	\$721.70	\$1,031.00
5034207	60/70 Four-Stroke	\$331.80	\$474.00
5034206	40/50 Four-Stroke	\$309.37	\$441.95
5005624	40/50 Two-Stroke	\$426.16	\$626.71
5005543	40/50/60 E-TEC	TBA	TBA
5005579	75/90 E-TEC Blue	TBA	TBA
5005777	75/90 E-TEC White	TBA	TBA
<b>ELECTRIC START KITS</b>			
5005580	40/50/60 E-TEC	TBA	TBA
438628	40/50 Two-Stroke	\$239.46	\$352.15
174784	25/30 Two-Stroke	\$323.00	\$475.00
5034022	9.9/15 Four-Stroke	\$590.07	\$842.95
586398	9.9/15 Two-Stroke	\$244.80	\$360.00
449530	8 Four-Stroke	\$226.92	\$333.70
<b>REMOTE START KITS</b> Add to tiller electric start engines			
433211	40/50 Two-Stroke	\$166.60	\$245.00
174973	25/30 Two-Stroke	\$136.92	\$201.35
775982	9.9/15 Four-Stroke	\$187.67	\$275.99
175905	9.9/15 Two-Stroke	\$34.48	\$57.46
<b>REMOTE ADAPTOR KITS</b>			
433720	25/30 Two-Stroke	\$27.17	\$39.95
175820	9.9/15 Two-Stroke	\$23.82	\$35.03
449521	8 Four-Stroke	\$29.38	\$43.21
5000521	6/8 Two-Stroke	\$26.65	\$39.19
<b>ENGINE OILS</b>			
777118	XD 100 Oil for E-TEC and Direct Injection Outboards	\$20.99	\$34.99
777590	Evinrude Direct Injection Oil for Direct Injection Outboards	\$14.09	\$23.49
775593	XD 25 Outboard Oil for Johnson 2-Stroke Outboards	\$12.41	\$20.69
775597	Evinrude/Johnson 4-Stroke Oil	\$2.61	\$4.35
775594	Evinrude/Johnson Ultra 4-Stroke Oil	\$4.19	\$6.99
<b>PORTABLE FUEL TANKS</b>			
175981	6 Gallon Dura Tank	\$40.09	\$58.95
175984	3 Gallon Dura Tank	\$39.41	\$57.95
<b>DECAL SETS</b>			
776290	Blue Engine Stars and Stripes Decal Set	\$127.92	\$170.56
776293	White Engine Stars and Stripes Decal Set	\$127.92	\$170.56

## NOTES



## NOTES

## NOTES

## NOTES



## NOTES

## NOTES

Specifications: In furtherance of our policy of continual product improvement, we reserve the right to discontinue, substitute, change or improve the design of any outboard motor at any time, without assuming obligation to modify motors previously manufactured. We reserve the right, at any time, to discontinue or change specifications, price, designs, features, models or equipment without incurring obligation. The information in this brochure is based on the latest specifications available at the time of printing. See your Evinrude/Johnson dealer for the latest product information. Some models depicted herein may contain accessories, or be shown with options, which are available at an extra cost from your Evinrude/Johnson dealer. Engine performance may vary depending on, among other things, general conditions, ambient temperature, ability, options, modifications and driver and passenger payload weight, engine type and optional equipment.



Sport Boats

Watercraft

ATV

Kart

Snowmobiles

## Innovation delivering Passion.



B-7, 1937

Ever since J.-A. Bombardier founded the company in 1942, our name has been synonymous with quality and creativity. His pioneering spirit is a legacy that has kept us growing and exploring new frontiers. Today, in the Americas, Europe and Asia-Pacific, almost 7,500 people are keeping the Bombardier spirit alive in all of our recreational vehicles and products.

At Bombardier Recreational Products, innovation and passion are at the heart of our commitment, our products, and our brands. Whether it be our Sea-Doo® watercraft and sport boats; our Ski-Doo® and Lynx® snowmobiles; our Rotax® karts and engines; our Bombardier™ ATVs and utility vehicles or our Evinrude® and Johnson® outboard engines, these values come alive through technology and design, inspired by a single and common compelling mission: to deliver to consumers the most extraordinary recreational experience.

[www.recreation.bombardier.com](http://www.recreation.bombardier.com)

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*RECREATIONAL PRODUCTS*



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