

## SPECIFICATIONS

Model Numbers 15R74 - Standard length (15" transom) 15RL74 - 5" longer (20" transom) 15E74 - Standard length (15" transom) 15EL74 - 5" longer (20" transom)	Gear shift control	Forward, neutral and reverse			
Horsepower (B.I.A. certified 15 hp at 6000 rpm Full throttle operating range 5500 to 6500 rpm Tank test with test wheel 6200 rpm Part Number 386537	Weight (without fuel tank)	Model 15R74 - 65 lbs. Model 15RL74 - 66 lbs. Model 15E74 - 73 lbs. Model 15EL74 - 74 lbs. (Fuel tank weight 11 pounds net)			
Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 2.188" bore x 1.760" stroke Piston displacement 13.20 cubic inches	Fuel capacity	6 gallons			
Piston ring sets (2 per set) standard Part Number 386279 .030" oversize Part Number 386280	Electrical system (Electric start models only)	5 amp flywheel alternator			
Diameter of ring 2.1875 in. (standard)	Starter	Manual - Self-winding Electric - 12 volt, and rope			
Width of ring Upper - .0700 - .0695 in. Lower - .0615 - .0625 in.	Starter amperage draw while cranking	55 AMPS Max.			
Lbs. compression recommended when compressed Upper - .25 - 2.0 lbs. Lower - 2.5 - 5.0 lbs.	Ignition	Low tension magneto			
Piston less rings standard Part Number 386012 .030" oversize Part Number 386013	Spark plug	Champion UL4J, 14mm			
Crankshaft size Top journal .8125 - .8120 Center journal .8125 - .8120 Bottom journal .8125 - .8120	Spark plug gap	.030 inch			
Connecting rod crank pin 1.06350 - 1.06300 in.	Spark plug torque	17-1/2 - 20-1/2 foot-pounds			
Carburetion Single barrel, float feed, fixed high speed adjustable low-speed, manual choke	Breaker point	Gap .020 inch			
High speed orifice plug Part Number 319781 Identification Number 60 Check with #.060" dia. drill	Condenser Capacity Coil	Part Number 580422 .25 - 29 Mfd. Part No. 581407			
Float level setting Flush with rim of casting	<b>COIL TEST SPECIFICATIONS</b>				
Inlet needle seat .065 - .062 Use #52 drill as gage	With Stevens Tester Model No. M.A.-75 or M.A.-80 with M.A.-14 Adapter in Series with High Tension Lead				
Cooling system Vari-volume (combination positive displacement and centrifugal pump) Thermostatically controlled	Switch	Index Adjustment			
Propeller gear ratio 12:29	B	25			
Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch	Merc-O-Tronic				
Propeller options 3 blade, 9-3/4" dia. x 7" pitch 2 blade weedless 10" dia. x 10" pitch	Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.		
Speed control On steering handle Remote control available	1.7	0.8 - 1.2	60 - 70		
	Graham Tester Model				
	Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index
	20,000 ohms	14.0 ohms	50	24	45
	COIL OHMMETER TEST				
	Primary (Low Ohms)		Secondary (High Ohms)		
	1.35 ± .3		13,500 ± 1500		

\*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.