

SPECIFICATIONS

Model Numbers 15R75 - Standard length (15" transom) 15RL75 - 5" longer (20" transom) 15E75 - Standard length (15" transom) 15EL75 - 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 Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 2.188" bore x 1.760" stroke Piston displacement 13.20 cubic inches	Weight (without fuel tank)	Model 15R75 - 65 lbs. Model 15RL75 - 66 lbs. Model 15E75 - 73 lbs. Model 15EL75 - 74 lbs. (Fuel tank weight 11 pounds net)
Piston ring sets (2 per set) standard Part Number 386279 .030" oversize Part Number 386280	Fuel capacity	6 gallons
Diameter of ring 2.1875 in. (standard)	Electrical system (Electric start models only)	5 amp flywheel alternator
Width of ring Upper - .0700 - .0695 in. Lower - .0615 - .0625 in.	Starter	Manual - Self-winding Electric - 12 volt, and rope
Lbs. compression recommended when compressed Upper - .25 - 2.0 lbs. Lower - 2.5 - 5.0 lbs.	Starter amperage draw while cranking	55 AMPS Max.
Piston less rings standard Part Number 386012 .030" oversize Part Number 386013	Ignition	Low tension magneto
Crankshaft size Top journal .8757 - .8752 Center journal .8125 - .8120 Bottom journal .8125 - .8120	Spark plug	Champion L7J, 14mm
Connecting rod crank pin 1.06350 - 1.06300 in.	Spark plug gap	.030 inch
Carburetion Single barrel, float feed, fixed high speed adjustable low-speed, manual choke	Spark plug torque	17-1/2 - 20-1/2 foot-pounds
High speed orifice plug Part Number 320820 Identification Number 58 Check with #.058" dia. drill	Breaker point	Gap .020 inch
Float level setting Flush with rim of casting	Condenser Capacity Coil	Part Number 581419 .25 - 29 Mfd. Part No. 581407
Inlet needle seat .065 - .062 Use #52 drill as gage	COIL TEST SPECIFICATIONS	
Cooling system Vari-volume (combination positive displacement and centrifugal pump) Thermostatically controlled	With Stevens Tester Model No. M.A.-75 or M.A.-80 with M.A.-14 Adapter in Series with High Tension Lead	
Propeller gear ratio 12:29	Switch	Index Adjustment
Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch	B	25
Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch	Merc-O-Tronic with 55-980 CDA Adapter	
Speed control On steering handle Remote control available	Operating Amperage	Primary Resistance Min. Max.
	1.7	0.8 - 1.2
		Secondary Continuity Min. Max.
		60 - 70
	Graham Tester Model	
	Maximum Secondary	Maximum Primary
	20,000 ohms	14.0 ohms
	Coil Index	Minimum Coil Test
	50	24
	Gap Index	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.