

SPECIFICATIONS

Model Numbers 10R75 - Standard length (15" transom) 10RL75 - 5" longer (20" transom) 10E75 - Standard length (15" transom) 10EL75 - 5" longer (20" transom)	Gear shift control	Forward, neutral, and reverse
Horsepower (B.I.A. certified) 9.9 hp at 5000 rpm Full throttle operating range 4500 to 5500 rpm Tank test with test wheel 5400 rpm Part Number 386537	Weight (without fuel tank)	Model 10R75 - 65 lbs. Model 10RL75 - 66 lbs. Model 10E75 - 73 lbs. Model 10EL75 - 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-rewind Electric - 12 volt and self-rewind
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 L7J, 14mm
Crankshaft size Top journal .8757 - .8752 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 319016 Identification Number 51 Check with #.051 dia. drill	Condenser Capacity .25 - 29 Mfd. Coil Part No. 581407	
Float level setting Flush with rim of casting	COIL TEST SPECIFICATIONS	
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 with 55-980 CDA Adapter	
Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch	Operating Amperage	Primary Resistance Min. Max.
Speed control On steering handle Remote control available	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.