

SPECIFICATIONS

Model Numbers 10524 - Standard length (15" transom) 10525 - 5" longer (20" transom) 10554 - Standard length (15" transom) 10555 - 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 10524 - 65 lbs. Model 10525 - 66 lbs. Model 10554 - 73 lbs. Model 10555 - 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 Coil	Part Number 581419 .25 - 29 Mfd. 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 Centri-matic (combination positive displacement and centrifugal pump) Thermostatically controlled	<table border="1"> <thead> <tr> <th>Switch</th> <th colspan="3">Index Adjustment</th> </tr> </thead> <tbody> <tr> <td>B</td> <td colspan="3">25</td> </tr> </tbody> </table>				Switch	Index Adjustment			B	25				
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Propeller gear ratio 12:29	Merc-O-Tronic with 55-980 CDA Adapter													
Propeller supplied with motor 3 blade, 9-1/2" dia. x 10" pitch	<table border="1"> <thead> <tr> <th>Operating Amperage</th> <th>Primary Resistance Min. Max.</th> <th colspan="2">Secondary Continuity Min. Max.</th> </tr> </thead> <tbody> <tr> <td>1.7</td> <td>0.8 - 1.2</td> <td colspan="2">60 - 70</td> </tr> </tbody> </table>				Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.		1.7	0.8 - 1.2	60 - 70			
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Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch	Graham Tester Model													
Speed control On steering handle Remote control available	<table border="1"> <thead> <tr> <th>Maximum Secondary</th> <th>Maximum Primary</th> <th>Coil Index</th> <th>Minimum Coil Test</th> <th>Gap Index</th> </tr> </thead> <tbody> <tr> <td>20,000 ohms</td> <td>14.0 ohms</td> <td>50</td> <td>24</td> <td>45</td> </tr> </tbody> </table>				Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index	20,000 ohms	14.0 ohms	50	24	45
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.