

## SPECIFICATIONS

Model Numbers	10624 - Standard length (15" transom) 10625 - 5" longer (20" transom) 10654 - Standard length (15" transom) 10655 - 5" longer (20" transom)	Gear shift control	Forward, neutral, and reverse		
Horsepower (B.I.A. certified)	9.9 hp at 5000 rpm	Weight (without fuel tank)	Model 10624 - 65 lbs. Model 10625 - 66 lbs. Model 10654 - 73 lbs. Model 10655 - 74 lbs. (Fuel tank weight 11 pounds net)		
Full throttle operating range	4500 to 5500 rpm	Fuel capacity	6 gallons		
Tank test with test wheel	5400 rpm Part Number 386537	Electrical system (Electric start models only)	5 amp flywheel alternator		
Engine type	2 cyl., 2 cycle, alternate firing	Starter	Manual - Self-rewind Electric - 12 volt and self-rewind		
Bore and stroke	2.188" bore x 1.760" stroke	Starter amperage draw while cranking	55 AMPS Max.		
Piston displacement	13.20 cubic inches	Ignition	Low tension magneto		
Piston ring sets (2 per set)		Spark plug	Champion L7J, 14mm		
standard	Part Number 386279	Spark plug gap	.030 inch		
.030" oversize	Part Number 386280	Spark plug torque	17-1/2 - 20-1/2 foot-pounds		
Diameter of ring	2.1875 in. (standard)	Breaker point	Gap .020 inch		
Width of ring	Upper - .0700 - .0695 in. Lower - .0615 - .0625 in.	Condenser Capacity	Part Number 581419 .25 - 29 Mfd.		
Lbs. compression recommended when compressed	Upper - .25 - 2.0 lbs. Lower - 2.5 - 5.0 lbs.	Driver coil resistance	Rope 1.45 ± .4 ohm Electric 2.70 ± .7 ohm		
Piston less rings		Ignition coil	Part No. 581407		
standard	Part Number 386012				
.030" oversize	Part Number 386013				
Crankshaft size					
Top journal	.8762 - .8757				
Center journal	.8125 - .8120				
Bottom journal	.8125 - .8120				
Connecting rod crank pin	1.06350 - 1.06300 in.				
Carburetion	Single barrel, float feed, fixed high speed adjustable low-speed, manual choke				
High speed orifice plug	Part Number 319016 Identification Number 51 Check with #.051 dia. drill				
Float level setting	Flush with rim of casting				
Inlet needle seat	.065 - .062 Use #52 drill as gage.				
Cooling system	Centri-matic (combination positive displacement and centrifugal pump) Thermostatically controlled				
Propeller gear ratio	12:29				
Propeller supplied with motor	3 blade, 9-1/2" dia. x 10" pitch				
Propeller options	3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch				
Speed control	On steering handle Remote control available				

## IGNITION COIL TEST SPECIFICATIONS

Stevens Model ST-75				
Reversed Polarity-(switch setting standard)				1.3
Stevens Tester Model M.A.-75 or M.A.-80 with M.A.-14 Adapter in Series with High Tension Lead				
Switch		Index Adjustment		
B		25		
Merc-O-Tronic with 55-980 CDA Adapter				
Operating Amperage	Primary Resistance Min. Max.		Secondary Continuity Min. Max.	
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.