

SPECIFICATIONS

Model Numbers 10424 - Standard length (15" transom) 10425 - 5" longer (20" transom) 10454 - Standard length (15" transom) 10455 - 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 rpm Part Number 319749	Weight (without fuel tank)	Model 10424 - 65 lbs. Model 10425 - 66 lbs. Model 10454 - 73 lbs. Model 10455 - 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 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 319016 Identification Number 51 Check with #.051 dia. drill	Condenser Capacity Coil	Part Number 580422 .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	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.