

## SPECIFICATIONS

Model Numbers 15R76 - Standard length (15" transom) 15RL76 - 5" longer (20" transom) 15E76 - Standard length (15" transom) 15EL76 - 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)	Weight (without fuel tank)	Model 15R76 - 65 lbs. Model 15RL76 - 66 lbs. Model 15E76 - 73 lbs. Model 15EL76 - 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-winding Electric - 12 volt, and rope
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 .8762 - .8757 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 320820 Identification Number 58 Check with #.058" dia. drill	Condenser Part Number 581419 Capacity .25 - 29 Mfd.	
Float level setting Flush with rim of casting	Driver coil resistance Rope 1.45 ± .4 ohms Electric 2.70 ± .7 ohms	
Inlet needle seat .065 - .062 Use #52 drill as gage	Ignition coil Part No. 581407	
Cooling system Vari-volume (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 (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.