

SPECIFICATIONS

<p>Model 10R79, 15R79 - Standard length (15" transom) Numbers (381 mm) Manual start</p> <p>10RL79, 15RL79 - Long shaft (20" transom) (508 mm) Manual start</p> <p>15E79 - Standard length (15" transom) (381 mm) Electric start</p> <p>10EL79, 15EL79 - Long shaft (20" transom) (508 mm) Electric start</p> <p>10SEL79 - Long shaft, electric start with reverse thrust kit</p>	<p>Speed control On steering handle Remote control available Forward, neutral and reverse</p> <p>Gear shift control Forward, neutral and reverse</p> <p>Weight (without fuel tank) Models 10R79, 15R79 - 72 lbs. (32.7 kg) Models 10RL79, 15RL79 - 76 lbs. (34.5 kg) Model 15E79 1 77.5 lbs. (35.2 kg) Models 10EL79, 15EL79 - 81.5 lbs. (37.0 kg) Model 10SEL79 - 81.5 lbs. (37.0 kg) Fuel tank weight 11 pounds (5.0 kg) net</p> <p>Fuel capacity 6 gallons (22.7 litres) Electrical system (Electric start models only) 5 amp flywheel alternator</p> <p>Starter Manual - Self-winding Electric - 12 volt, and rope</p> <p>Starter amperage draw while cranking 55 Amps max.</p> <p>Ignition Breakerless CD magneto</p> <p>Spark plug Champion L78V or ACV40FFK</p> <p>Alternate spark plug Champion L77J4 or AC M40FFX gapped at 0.040" (1.0 mm)</p> <p>Spark plug torque 17-1/2 - 20-1/2 ft-lbs (24 - 27 N-m)</p> <p>Charge coil resistance Rope 575 ± 75 ohms Electric 475 ± 75 ohms</p> <p>Ignition coil Part No. 581998</p>								
<p>9.9 Horsepower (7 kW) (B.I.A. certified at 5000 rpm Full throttle operating range 4500 to 5500 rpm Test wheel Part Number 386537 Tank Test - 5400 rpm standard 4200 rpm with reverse thrust kit</p> <p>15 Horsepower (10.6 kW) (B.I.A. certified) at 6000 rpm Full throttle operating range 5500 to 6500 rpm Test wheel Part Number 386537 Tank test - 6200 rpm standard 4800 rpm with reverse thrust kit</p>	<p>IGNITION COIL TEST SPECIFICATIONS</p> <p>Stevens Model ST-75</p> <p>Reverse Polarity (Switch Setting CD) 1.2</p> <p>Stevens Tester Model M.A.-75 or M.A.-80</p> <table border="1"> <tr> <td>Switch **A</td> <td>Index Adjustment 20</td> </tr> </table> <p>Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980 (Reverse Polarity)</p> <table border="1"> <tr> <td>Operating Amperage</td> <td>Primary Resistance</td> <td>*Secondary Continuity</td> </tr> <tr> <td>1.4</td> <td>0.1 Ohm or Less</td> <td>275 ± 10</td> </tr> </table> <p>**Use Model CD-1 Adapter Red test clip to orange/black Black test clip to orange</p>	Switch **A	Index Adjustment 20	Operating Amperage	Primary Resistance	*Secondary Continuity	1.4	0.1 Ohm or Less	275 ± 10
Switch **A	Index Adjustment 20								
Operating Amperage	Primary Resistance	*Secondary Continuity							
1.4	0.1 Ohm or Less	275 ± 10							
<p>Engine type 2 cyl., 2 cycle, alternate firing Bore and stroke 2.188" bore x 1.760" stroke (55.58 x 44.70 mm) Piston displacement 13.20 cubic inches (216 cm³) Piston ring sets (2 per set) standard Part Number 386279 0.030" oversize Part Number 386280 Width of ring Upper - 0.0700 - 0.0695 in. (1.778 - 1.765 mm) Lower - 0.0615 - 0.0625 in. (1.562 - 1.588 mm)</p> <p>Piston less rings standard Part Number 387660 0.030" oversize Part Number 387661</p> <p>Crankshaft size Top journal 0.8762 - 0.8757 in. (22.255 - 22.243 mm) Center journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm) Bottom journal 0.8125 - 0.8120 in. (20.638 - 20.625 mm)</p> <p>Connecting rod crank pin 1.0635 - 1.0630 in. (27.013 - 27.000 mm)</p> <p>Carburetion Single barrel, float feed, fixed high speed, adjustable low-speed, manual choke</p> <p>High speed orifice plug (9.9 hp) Part Number 322752 Identification Number 38</p> <p>High speed orifice plug (15 hp) Part Number 323642 Identification Number 50</p> <p>Float level setting Between steps on gauge No.324891</p> <p>Inlet needle seat 0.065 - 0.062" (1.65 - 1.57 mm) Use #52 drill as gauge</p> <p>Cooling system Thermostatically controlled Combination positive displacement and centrifugal pump</p> <p>Propeller gear ratio 12:29</p> <p>Propeller supplied 3 blade, 9-1/2" dia. x 10" pitch with motor</p> <p>Propeller supplied 3 blade, 9-1/4" dia. x 8" pitch with sailboat model</p> <p>Propeller options 3 blade, 10" dia. x 5" pitch 2 blade weedless 9" dia. x 10" pitch</p>	<p>Graham Tester Model 51</p> <p>Maximum Secondary 1,000 ohms Maximum Primary 0.5 ohm Coil Index 50 Coil Test Minimum AMPLIFIED 17 (With secondary circuit open) Hi tension lead disconnected Gap Index 50 (Coil must fire spark gap on tester at this setting.)</p> <p>IGNITION COIL OHMMETER TEST</p> <table border="1"> <tr> <td>Primary Low Ohms</td> <td>Secondary High Ohms</td> </tr> <tr> <td>0.1 ± 0.05</td> <td>275 ± 50</td> </tr> </table>	Primary Low Ohms	Secondary High Ohms	0.1 ± 0.05	275 ± 50				
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*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.