

SPECIFICATIONS

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| Model Numbers | 65272 (standard length) 65273 (5" longer) |
| *Horsepower (B.I.A.-certified) | 65 hp at 5000 rpm |
| Full throttle operating range | 4500 to 5500 rpm |
| Tank test with test wheel Part Number 382861 | 5200 rpm |
| Engine type | 2 cycle, 3 cylinders in line |
| Bore and stroke | 3" bore x 2-11/32" stroke |
| Piston displacement | 49.7 cubic inches |
| Piston ring sets (2 per set) standard | Part Number 384250 |
| .020" oversize | Part Number 384247 |
| .030" oversize | Part Number 384300 |
| Diameter of ring | 3.000 in. (standard) |
| Width of ring | Upper, .0900 - .0895 in. Lower, .0625 - .0615 in. |
| Piston ring lbs. compression recommended when compressed | Upper, 2.5 lbs. Lower, 4 to 8 lbs. |
| Piston with rings | |
| Standard | Part Number 384683 |
| .020" oversize | Part Number 384685 |
| .030" oversize, without rings | Part Number 384686 |
| Crankshaft size | |
| Top journal | 1.4979 - 1.4974 in. |
| Center journals | 1.3752 - 1.3748 in. |
| Bottom journal | 1.1815 - 1.1810 in. |
| Connecting rod crank pin | 1.1828 - 1.1823 in. |
| Carburetion 3 carburetors - Float feed with low-speed adjustment. | |
| Automatic, thermo electric manual lever and remote control choke | |
| Float level setting | Remove float bowl, turn it upside down so weight of float closes needle; float should now be parallel to and 1/16" above surface of gasket |
| Carburetor orifice plug | Part Number 317646 - Hole size .054" |
| Inlet needle seat | .065 - .062 Use a #52 drill as gage. |
| Cooling system Pressure and Thermostatically controlled system | |
| Propeller gear ratio | 12:29 |
| Propeller supplied with motor | (Aluminum) 3 blade, 13" dia. x 19" pitch |
| Alternate propellers | (Aluminum) 3 blade, 14" dia. x 9" pitch (Aluminum) 3 blade, 14" dia. x 11" pitch (Aluminum) 3 blade, 14" dia. x 13" pitch (Aluminum) 3 blade, 13-3/4" dia. x 15" pitch (Aluminum) 3 blade, 13-1/4" dia. x 17" pitch (Aluminum) 3 blade, 12-3/4" dia. x 21" pitch (Aluminum) 3 blade, 12-3/4" dia. x 23" pitch (Bronze) 2 blade, 13-3/4" dia. x 21" pitch (Bronze) 2 blade cupped, 13-3/4" dia. x 21" pitch (Bronze) 2 blade cupped, 13-3/4" dia. x 23" pitch (Stainless steel) 3 blade, 13" dia. x 19" pitch (Stainless steel) 3 blade, 12-3/4" dia. x 21" pitch (Stainless steel) 3 blade, 12-3/4" dia. x 23" pitch (Stainless steel) 3 blade, 13-3/8" dia. x 17" pitch |
| Speed control | Remote control - synchronized throttle and spark |
| Gear shift control | Electric - Hydraulic - forward, neutral, reverse - remote control |
| Weight (without fuel tank) | Model 65272 - 201 lbs. Model 65273 - 208 lbs. (Fuel tank weight 11 lbs. net) |
| Fuel capacity | 6 gallons |
| Starter | Electric and emergency rope |
| Electrical system | 6 amp alternating current generator |
| Starter amp draw when cranking | American Bosch 120 amperes or Prestolite, 135 amperes |
| Ignition Magneto Breakerless CD | Magneto |
| Spark plug | ACVB40FFM or Champion UL77V |
| Spark plug torque | 17-1/2 - 20-1/2 foot-pounds |
| Shift solenoid resistance - lo ohms scale | 5-6 ohms |
| Sensor Air Gap | Fixed |

Coil Test Specifications

Part No. 580821 New Stevens Tester Model No. M.A.-75

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|---|--------------------|----------------------|
| Switch | Coil | Index Adjustment |
| **A - - - - - | 580821 | 20 |
| Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980 | | |
| Operating Amperage | Primary Resistance | Secondary Continuity |
| Min. - Max. | Min. - Max. | Min. - Max. |
| 1.4 | | 22 - 26 |

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.
**Use Model CD-1 Adapter