

SPECIFICATIONS

<p>Model</p> <p>*Horsepower (O.B.C.-certified)</p> <p>Full throttle op.-range</p> <p>Test tank rpm with test wheel</p> <p>Engine type</p> <p>Bore and stroke</p> <p>Piston displacement</p> <p>Piston ring sets (2 per set) standard .020" oversize</p> <p>Diameter of ring</p> <p>Width of ring</p> <p>Lbs. compression recommended when compressed</p> <p>Piston less rings standard .020" oversize</p> <p>Crankshaft size top journal center journal bottom journal</p> <p>Connecting rod crank pin</p> <p>Carburetion</p> <p>Float level setting</p> <p>Inlet needle seat</p> <p>Cooling system</p>	<p>4902 (Lightwin, folding, weedless gearcase)</p> <p>4906 (Lightwin, rigid, weedless gearcase)</p> <p>4936 (Yachtwin, rigid, standard gearcase)</p> <p>4 hp at 4500 rpm</p> <p>4000 to 5000 rpm</p> <p>4200 rpm</p> <p>2-cylinder, 2 cycle alternate firing</p> <p>1-9/16" bore x 1-3/8" stroke</p> <p>5.28 cubic inches</p> <p>Part Number 383920</p> <p>Part Number 383921</p> <p>1.563 in. (standard)</p> <p>.0625 - .0615 in.</p> <p>2 to 3 lbs.</p> <p>Part Number 383236</p> <p>Part Number 383240</p> <p>.7520 - .7515 in.</p> <p>.6854 - .6849 in.</p> <p>.6854 - .6849 in.</p> <p>.6255 - .6250 in.</p> <p>Single barrel float feed, with high and low-speed adjustments manual choke</p> <p>Flush with casting</p> <p>.065 - .062 Use a #52 drill as gage.</p> <p>Centri-matic (combination positive displacement and centrifugal pump).</p>	<p>Propeller gear ratio</p> <p>Propeller drive pin</p> <p>Propeller</p> <p>Speed control</p> <p>Weight</p> <p>Hi Lift vacuum fuel system</p> <p>Fuel capacity</p> <p>Starter</p> <p>Ignition</p> <p>Spark plug</p> <p>Spark plug gap</p> <p>Spark plug torque</p> <p>Breaker point gap</p> <p>Condenser Capacity</p> <p>3 gal. tank and plug in hose</p> <p>3 gallons</p> <p>Eas-A-Matic, self-rewinding</p> <p>Flywheel magneto</p> <p>AC-M42K, Champion J4J, Auto-Lite A21X - 14mm</p> <p>.030 inch</p> <p>17-1/2 - 20-1/2 foot-pounds</p> <p>.020 inch</p> <p>Part Number 580321</p> <p>.18 to .22 Mfd.</p>	<p>17:28 Lightwin</p> <p>12:25 Yachtwin</p> <p>Part Number 203230 1/8" x 13/16" stainless steel</p> <p>Yachtwin - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2", 3 blade Lightwins - 6-1/4" diameter x 5-1/2" pitch, 3 blades</p> <p>Single lever, synchronized throttle and spark</p> <p>4902 Model - 35 lbs. 4906 Model - 33 lbs. 4936 Model - 35 lbs.</p>	
<p>COIL SPECIFICATIONS</p>				
<p>Part No. 580416 Coil Test Specifications:</p>				
<p>Old Stevens Tester</p>				
Switch		Index Reading		
A		2.0 - 2.5		
<p>New Stevens Tester Model No. M.A.-75</p>				
Switch		Index Adjustment		
A		24		
<p>Merc-O-Tronic</p>				
Operating Amperage	Primary Resistance Min. Max.	Secondary Continuity Min. Max.		
1.6	.45 - .55	30 - 45		
<p>Graham Tester Model 51</p>				
Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Gap Index
4000	1.2	75	33	75

*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.