

SPECIFICATIONS

Model	4W72 (weedless gearcase) 4R72 (standard gearcase)	Propeller gear ratio	17:28 4W72 Model 12:25 4R72 Model														
*Horsepower (B.I.A. - certified)	4 hp at 4500 rpm	Propeller drive	Part Number 203230 1/8" x 13/16" stainless steel														
Full throttle op.-range	4000 to 5000 rpm	Propeller	4R72 Models - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2", 3 blade 4W72 Models - 6-1/4" diameter x 5-1/2" pitch, 3 blades														
Test tank rpm with test wheel	4100 rpm Part Number 316021 for 4W72 Part Number 316960 for 4R72	Speed control	Single lever, synchronized throttle and spark														
Engine type	2 cylinder, 2 cycle alternate firing	Weight	4W72 Model - 34.0 lbs. 4R72 Model - 34.5 lbs.														
Bore and stroke	1-9/16" bore x 1-3/8" stroke	Hi Lift vacuum fuel system	3 gal. tank and plug in hose														
Piston displacement	5.28 cubic inches	Fuel capacity	3 gallons														
Piston ring sets (2 per set) standard .030" oversize	Part Number 383920 Part Number 384312	Starter	Swing-Arm, self-rewinding														
Diameter of ring	1.563 in. (standard)	Ignition	Flywheel magneto														
Width of ring	.0625 - .0615 in.	Spark plug	AC-M44C, Champion J6J, - 14mm														
Lbs. compression recommended when compressed	1.3 to 2.8 lbs.	Spark plug gap	.030 inch														
Piston and ring assembly standard .030" oversize	Part Number 384651 Part Number 384666	Spark plug torque	17-1/2 - 20-1/2 foot-pounds														
Crankshaft size top journal center journal bottom journal	.7520 - .7515 in. .6854 - .6849 in. .6854 - .6849 in.	Breaker point gap	.020 inch														
Connecting rod crank pin	.6255 - .6250 in.	Condenser Capacity	Part Number 580321 .18 to .22 Mfd.														
Carburetion	Single barrel float feed, with high and low-speed adjustments manual choke	COIL SPECIFICATIONS															
Float level setting	Parallel with casting	Part No. 580416 Coil Test Specifications:															
Inlet needle seat	.053 - .050 Use a #55 drill as gage.	Old Stevens Tester															
Cooling system	Vari-volume (combination positive displacement and centrifugal pump).	<table border="1"> <thead> <tr> <th>Switch</th> <th>Index Reading</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2.0 - 2.5</td> </tr> </tbody> </table>		Switch	Index Reading	A	2.0 - 2.5										
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		New Stevens Tester Model No. M.A.-75															
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		<table border="1"> <thead> <tr> <th rowspan="2">Operating Amperage</th> <th colspan="2">Primary Resistance</th> <th colspan="2">Secondary Continuity</th> </tr> <tr> <th>Min.</th> <th>Max.</th> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>1.4</td> <td>.45</td> <td>.55</td> <td>35</td> <td>45</td> </tr> </tbody> </table>		Operating Amperage	Primary Resistance		Secondary Continuity		Min.	Max.	Min.	Max.	1.4	.45	.55	35	45
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*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.