

SPECIFICATIONS

Model	4W71 (weedless gearcase) 4R71 (standard gearcase)	Propeller gear ratio	17:28 4W71 Model 12:25 4R71 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	4R71 Models - Standard - 8" diameter x 5-1/2" pitch, 3 blade Optional - 8" x 4-1/2", 3 blade 4W71 Models - 6-3/8" diameter x 5-1/2" pitch, 3 blades										
Test tank rpm with test wheel	4200 rpm Part Number 316021 for 4W71 Part Number 316960 for 4R71	Speed control	Single lever, synchronized throttle and spark										
Engine type	2 cylinder, 2 cycle alternate firing	Weight	4W71 Model - 35 lbs. 4R71 Model - 35 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 less rings 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" style="width: 100%;"> <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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		Merc-O-Tronic											
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		Graham Tester Model 51											
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*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.