

SPECIFICATIONS

Model Numbers	55872 (standard length)
	55873 (5" longer)
*Horsepower (O.B.C.-certified)	55 hp at 5000 rpm
Full throttle operating range	4000 to 5000 rpm
Under limited conditions	5500 rpm
Tank test with test wheel	4600 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 (3 per set) standard	Part Number 381496
.020 oversize	Part Number 593429
Diameter of ring	3.000 in. (standard)
Width of ring	.0935 - .0925 in.
Piston ring lbs. compression	
recommended when compressed	7.5 to 13.0 lbs.
Piston less rings	
standard	Part Number 382274
.020 oversize	Part Number 383144
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 with rim of casting.
Carburetor orifice plug	Hole size .054"
Inlet needle seat	.065 - .062 Use a #52 drill as gage.
Cooling system	Thermostatically controlled recirculating system
Propeller gear ratio	12:29
Propeller	3 blade, 13-1/4" dia. x 17" pitch
Alternate propellers	3 blade, 14" dia. x 9" pitch 3 blade, 14" dia. x 11" pitch 3 blade, 14" dia. x 13" pitch 3 blade, 13-3/4" dia. x 15" pitch 3 blade, 13" dia. x 19" pitch
Speed control	Remote control - Synchronized throttle and spark
Gear shift control	Electro-hydraulic - forward, neutral, reverse - remote control
Weight (without fuel tank)	Model 55872 - 190 lbs. Model 55873 - 195 lbs. (Fuel tank weight 11 lbs. net)
Fuel capacity	6 gallons, suction type tank
Starter	Electric and emergency rope
Electrical system	9 amp alternating current generator
Starter amp draw when cranking	135 amperes maximum
Ignition (CD electronic with breaker points)	Battery
Spark plug	AC V4OFF or Champion L-19V
Spark plug torque	17-1/2 - 20-1/2 foot-pounds
Breaker point gap	.010 in.
Breaker point spring tension	28 - 32 oz.
Part No. 580730 Coil Test Specifications	New Stevens Tester Model No. M.A. - 75

Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980

Operating Amperage	Primary Resistance	Secondary Continuity
Min. - Max.	Min. - Max.	Min. - Max.
.8 - 1.2		22.5 - 25

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