

# SPECIFICATIONS

Model Numbers	90582-Standard length (15" transom) (Blue) 90583-5" longer (20" transom) (Blue) 90592-Standard length (15" transom) (Gray) 90593-5" longer (20" transom) (Gray)	Propeller	Propeller options: 9-1/2" diameter x 10" pitch 10" diameter x 9-1/4" pitch 10" diameter x 11" pitch 10" diameter x 12" pitch 10-1/4" diameter x 10" pitch
*Horsepower (O.B.C. - certified)	90 hp at 4500 rpm	Speed control	Remote control, synchronized throttle and spark
Full throttle operating range	4000 to 5000 rpm	Gear shift control	Forward, neutral, reverse - Selectric push-button remote control
Engine type	90° V-type 4 cylinder, 2 cycle	Weight (without fuel tank)	Models 90582, 90592 - 242 pounds Models 90583, 90593 - 247-1/2 pounds (Fuel tank weight 12 pounds net)
Bore and stroke	3-3/8" bore x 2-1/2" stroke	Fuel capacity	6 gallons, suction type tank
Piston displacement	89.5 cubic inches	Electrical system	Alternating current generator - Maximum output 20 amp at 2500 rpm - 5 amp output at idle
Piston ring sets (3 per set)		Starter	Electric
standard	Part Number 380110	Starter amp draw when cranking	Maximum 140 amp
.020" oversize	Part Number 380111	Ignition	Automotive type battery and distributor system
.040" oversize	Part Number 380112	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm
Diameter of ring	3.375 in. (standard)	Spark plug gap	.030 inch
Width of ring	.0935 - .0925 in.	Spark plug torque	20 - 20-1/2 foot-pounds
Lbs. compression recommended when compressed	9.7 to 13.7 lbs.	Breaker point gap	.020 inch
Piston less rings		Condenser capacity	.37 - .41 mfd.
standard	Part Number 380569	Carburetion	Four-barrel, with straight line manifold, float feed, low-speed adjustment, automatic hot air choke
.020" oversize	Part Number 378814	Float level setting	9/16"
.040" oversize	Part Number 378815	Carburetor orifice plug	Hole size .070"
Crankshaft size		Inlet needle seat	.050" to .053". Use a #55 drill as gage
top journal	1.2658 - 1.2653 in.		
center journal	1.3752 - 1.3748 in.		
bottom journal	1.1815 - 1.1810 in.		
Connecting rod crank pin	1.1828 - 1.1823 in.		
Cooling system	Thermostatically controlled recirculating system		
Propeller gear ratio	20:23		
Propeller drive pin	Part #307217 9/32" x 2-5/32" stainless steel		

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