

# SPECIFICATIONS

Model Numbers	9522 - Standard length (15" transom) 9523 - 5" longer (20" transom)	Propeller drive pin	Part No. 307949 3/16" x 1-25/64" stainless steel
*Horsepower (O.B.C.-certified)	9-1/2 hp at 4500 rpm	Propeller	3 Blade, 8-1/4" dia. x 8-1/2" Pitch
Full throttle operating range	4000 to 5000 rpm	Speed control	On steering handle, synchronized throttle and spark
Engine type	2 cylinder, 2 cycle	Gear shift control	Forward, neutral, & reverse
Bore and stroke	2-5/16" bore x 1-13/16" stroke	Weight	Model 9522 - 60 lbs. Model 9523 - 61 lbs. (without fuel tank) (fuel tank weight 12 pounds net)
Piston displacement	15.2 cubic inches	Fuel capacity	6 gallons, suction type tank
Piston ring sets (3 per set)		Starter	Manual - self rewind
standard	Part No. 379360	Ignition	Flywheel magneto
.020" oversize	Part No. 379373	Spark plug	AC-M42K, Champion J4J, Auto-Lite A21X - 14mm
.040" oversize	Part No. 379371	Spark plug gap	.030 inch
Diameter of ring	2.3125" (standard)	Spark plug torque	20 - 20-1/2 foot-pounds
Width of ring	.0935" - .0925"	Breaker point gap	.020 inch
Lbs. compression recommended when compressed	3 to 5 lbs.	Condenser capacity	.18 - .22 mfd.
Piston less rings		Carburetion	Float feed, low-speed adjustment and manual choke
standard	Part No. 379134	Float level setting	Flush with rim of casting
.020" oversize	Part No. 379372	Carburetor orifice plug	Hole size - .048"
.040" oversize	Part No. 379369	Inlet needle seat	.065" - .062". Use a #52 drill as gauge.
Crankshaft size			
top journal	.8125" - .8120"		
center journal	.8118" - .8113"		
bottom journal	.8125" - .8120"		
Connecting rod crank pin	.8118" - .8113"		
Cooling system	Thermostatically controlled		
Propeller gear ratio	13:23		

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