ENGINE SPECIFICATIONS

	20 H.P.		30 H.P.
B.I.A. H.P.	20 @ 4750 RPM	**B.I.A. H.P.**	30 @ 4750 RPM
I.S.O. Power	14.2 KW @ 4750 RPM	**I.S.O. Power**	21.2 KW @ 4750 RPM
Recommended Operating Range	4250-5250 RPM	**Recommended Operating Range**	4250-5250 RPM
Idle RPM in Gear	750 Max.	**Idle RPM in Gear**	750 Max.
Test Wheel	T 8969A	**Test Wheel**	T 2954A
Engine Type	2 cycle, 2 cylinder	**Engine Type**	2 cycle, 2 cylinder
Bore and Stroke	2-13/16 x 2.3 (7.14 x 5.84 cm)	**Bore and Stroke**	3 x 2.414 (7.62 x 6.13 cm)
Displacement	28.57 cu. in. (468 cc)	**Displacement**	34.1 cu. in. (559 cc)
Compression	95-105 PSI (6.7 - 7.4 kg/cm²)	**Compression**	125-135 PSI (8.80 - 9.50 kg/cm²)
Spark Plug	L4J	**Spark Plug**	L4J
Spark Plug Gap	.030" (0.76 mm)	**Spark Plug Gap**	.030" (0.76 mm)
Point Gap	.020" (0.50 mm)	**Point Gap**	Breakerless

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Use the Correct Main Fuel Jet to Compensate for Altitude Horsepower		
MAIN FUEL JET PART NUMBER	SIZE	ALTITUDE
20 H.P.		
014188 (STD)	.066	Sea Level — 1,250 ft.
014108	.064	1,250 - 3,750 ft.
014187	.062	3,750 - 6,200 ft.
014186	.060	6,250 - 8,250 ft.
30 H.P.		
014108 (STD)	.064	Sea Level — 1,250 ft.
014187	.062	1,250 - 3,750 ft.
014186	.060	3,750 - 6,250 ft.
015337	.058	6,250 - 8,250 ft.

Table 6. Fuel Jet Selection.