

**SERVICE SPECIFICATIONS AND SPECIAL TOOLS**  
**TECHNICAL DATA**

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	<b>HP</b>	<b>9.9</b>	<b>15</b>
<b>ENGINE</b>	Full Throttle Operating Range RPM	4900-5500	5400-6000
	Power	9.9 HP (7.3 kw) @ 5000 RPM	15 HP (11 kw) @ 5700
	Idle RPM in Gear	820 to 920	
	Weight	(R) Models: 97 lbs. (44 kg) (RL) Models: 99 lbs. (45 kg) (TE) Models: 106 lbs. (48 kg) (TEL) Models: 108 lbs. (49 kg) (EL) Models: 106 lbs. (48 kg)	
	Lubrication	Evinrude/Johnson Ultra 4-Stroke outboard oil Refer to <b>Oil Requirements</b> on p. 40.	
	Engine Type	4-Stroke SOHC 2-cylinder	
	Displacement	18.4 cu. in. (302 cm <sup>3</sup> )	
	Bore	2.28in. (58 mm)	
	Stroke	2.24 in. (57 mm)	
	Compression ratio	9.0:1	
	<b>FUEL SYSTEM</b>	Carburetion	One single-throat carburetor, float feed
Main Jet		#70	#115
Pilot Jet		#38	#40
Low-Speed Setting		PRE-SET (1-7/8 ± 1/2 turns)	PRE-SET (2-7/8 ± 1/2 turns)
Starting Enrichment		(R) Models: Manual (E) Models: Automatic	
Float Level Setting		13.5 ± 2 mm	
Preferred Fuel		Regular unleaded, plus grade unleaded, premium unleaded gasolines	
Acceptable Fuel		Any of the above gasolines with 10% Ethanol or 5% Methanol with 5% co-solvents	
Minimum Octane		87 AKI (R+M)/2 or 90 RON	
Additives		2+4 <sup>®</sup> Fuel Conditioner, Fuel System Cleaner, Carbon Guard Use only Evinrude/Johnson recommended fuel additives. The use of other additives may result in engine damage. See <b>Fuel Requirements</b> on p. 39 for additional information.	