Low-CO, Low-Profile, Low-Speed
The 9.5 MCGA is one of the most compact low-CO, low-speed gasoline generators on the market. Westerbeke’s unique marine design allows for a high performance generator that is comparable in size to high speed competitors. The lower operating speed of the 9.5 MCGA combined with a heavy duty industrial base engine contribute to a longer lasting, more reliable product.

Multiport EFI and Returnless Fuel System
The 9.5 MCGA features sequential multiport electronic fuel injection (MPI). MPI provides optimum fuel efficiency, easy starting, improved reliability and reduced emissions. In conjunction with MPI, electronic speed control maintains the engine at a constant speed (precise frequency regulation) and virtually eliminates “bogging down” when load is applied. A water cooled returnless fuel system aids in the prevention of vapor lock for improved performance in high ambient temperatures. MPI also features advanced diagnostic capabilities.

Smooth and Quiet Operation
Featuring a 4-cylinder, industrial base engine operating at an electronically controlled 1800 rpm, the 9.5 MCGA is extremely smooth and quiet running. In comparison, 3600 rpm engines are generally noisier than their 1800 rpm counterparts and require sound shields to attain similar sound levels.

Five Year Limited Warranty
The 9.5 MCGA is backed by Westerbeke’s 5-year limited warranty.
**Specifications**

**Number of cylinders**: 4 Cylinder, vertical in-line

**Type**: 4 cycle

**Displacement**: 64.1 cu. in. (1.051 liters)

**Bore and stroke**: 2.58" x 3.07" (65.5mm x 78.0mm)

**Compression ratio**: 9:1

**Rated RPM @ 60/50Hz**: 1800/1500

**HP @ 1800/1500 rpm**: 16.8/13.4

**Maximum angle of operation**: Not to exceed 25° in all directions

**Exhaust elbow conn.**: 2.0" OD (50.8mm)

**Raw water conn.**: .75" OD (19.1mm)

**Dry weight**: 445 lbs (201.9 kg)

**Combustion system**: Semi-spherical type

**Aspiration**: Naturally aspirated

**Lubrication system**: Forced pump

**Cooling system**: Fresh water-cooled with heat exchanger

**Governor**: Electronic

**Lube oil filter**: Full flow, spin on element

**Lubricant capacity**: 4.1 quarts (3.9 liters)

**Fuel system**: Multiport EFI

**Construction–Engine Components**

- Cylinder head: Aluminum
- Cylinder block: Cast iron
- Crankshaft: Forged crankshaft, four main bearings
- Valves: Overhead, rotating type
- Fuel system: Multiport EFI
- Cooling system: Fresh water-cooled with heat exchanger

**Optional Equipment**

- Remote start-stop controls
- Remote lube oil filter
- "A" on-board spare parts kit; "B" extended cruising spare parts kit
- Hydro-hush muffler and fittings
- Anti-siphon valve with 3/4 inch stainless loop
- Ship-shore switch; Auxiliary DC power adapter
- 90° water injected exhaust elbow
- Ventilated enclosure

**Basic Dimensions**

Inches (millimeters)

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Engine Ratings</th>
<th>Volts</th>
<th>Amps</th>
<th>Hertz</th>
<th>Phase</th>
<th>Wire</th>
<th>Power Factor</th>
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<th>RPM</th>
<th>Start</th>
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<tr>
<td>9.5 MCGA-614</td>
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<td>79.1/39.5</td>
<td>60</td>
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<td>4</td>
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<td>1800</td>
<td>Remote</td>
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<tr>
<td>7.6 MCGA-514</td>
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<td>33.0</td>
<td>50</td>
<td>1</td>
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**Electrical Characteristics**

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**Generator Design**

**DESIGN**: Brushless, four pole, revolving field.

**VOLTAGE REGULATION**: Standard ± 5% no load to full load.

**FREQUENCY REGULATION**: .5 Hz (1%) no load to full load.

**INSULATION**: Class “H” as defined by NEMA MG1-1.66.

**TEMPERATURE RISE**: Within NEMA MG1-22.40 operating at full load.

**COOLING**: Cast centrifugal blower, direct connected.

**ELECTROMAGNETIC INTERFERENCE LEVEL**: Exceeds requirements for most marine radio-telephones and standard TV’s.

**Drawings are for reference only and should not be used for installation. Detailed installation drawings are available upon request.**

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Specifications Subject to Change without Notice.