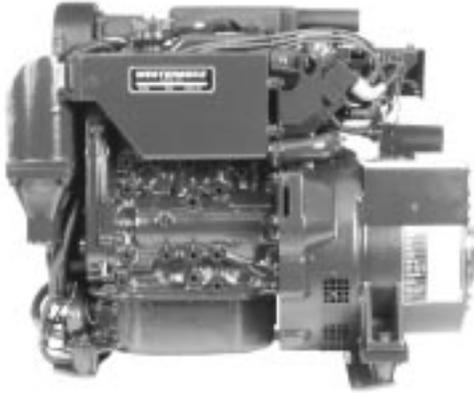
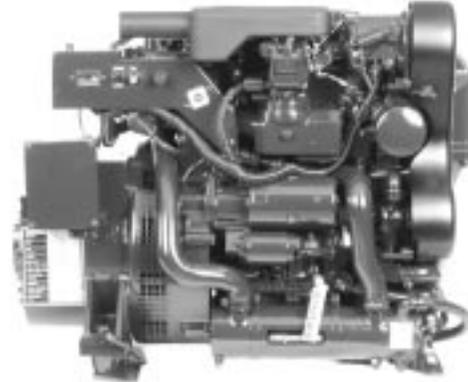


## The truly “quiet breed” of reliable power...



4.5 BCGB Marine Gasoline Generator



4.5 BCGB Marine Gasoline Generator

### Smooth, Quiet and Compact

Designed by Westerbeke, the Company that pioneered the truly “quiet breed” of generators, the 3-cylinder, 4.5BCGB is flawlessly smooth, quiet and compact. The engine incorporates a tuned air intake silencer and a balance shaft to diminish noise and vibration. Quieter than 3600-rpm generators, there is no other 1800-rpm gasoline generator in its size and power rating! This state-of-the-art generator will provide all your shipboard power requirements with the “quiet” that only an 1800-rpm gasoline generator can provide.

### Easy Operation and Maintenance

To minimize engine maintenance, the 4.5BCGB is fresh water cooled and equipped with a simple control system without complex, troublesome, electronic components. Easy access to all servicing points (single-side servicing) allows easy installation and routine maintenance.

### Powerful and Reliable

The 4.5BCGB is powered by an industrial .66 liter engine that provides a full 4.5 kilowatts at 60 Hertz or 3.8 kilowatts at 50 Hertz. The 4.5BCGB belongs to a long line of Westerbeke generators that have been the pride of many powerboat owners for their reliability.

### Five Year Limited Warranty

The 4.5BCGB is backed by Westerbeke's 5-year limited warranty. The presence of Westerbeke in over 65 countries around the world provides customers with easy access to parts, service and technical support worldwide. Established in 1937, Westerbeke is committed to providing its customers with quality products and unequaled after sales support.

### Standard Features

- Simple start/stop with running hour meter
- Overspeed protection
- Safety shut-downs — high coolant temperature, low oil pressure, high exhaust temperature
- A.C. circuit breaker
- Battery charger
- Fresh water cooling and coolant recovery tank
- 90° water injected elbow
- Belt-driven, raw water pump
- Vibration mounts
- Lube oil drain hose and drip tray
- Belt guard
- Operators' manual and parts list
- “CE” mark
- CARB certified
- EPA certified
- Meets U.S.C.G. regulation 33CFR-183



### Optional Spare Parts Kit

*Kit contents, as shown, may not correspond to the generator pictured.*

### Generator Design

**DESIGN:** Brushless, four pole, revolving field, power takeoff  
**VOLTAGE REGULATION:** Standard +/- 5% no load to full load.  
**FREQUENCY REGULATION:** 3 Hz (5%) no load to full load.  
**INSULATION:** Class "F", 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

Model	Electrical Characteristics					Ratings		Engine	
	Volts	Amps	Hertz	Phase	Wire	Power Factor	KW	RPM	Start
4.5 BCGB-614*	120	37.5	60	1	4	1.0	4.5	1800	Remote
3.8 BCGB-514*	230	16.5	50	1	4	1.0	3.5	1500	Remote

### Specifications

Number of cylinders	3 Cylinder, vertical in-line
Type	4 cycle
Displacement	40.3 cu. in. (.66 liter)
Bore and stroke	2.56" x 2.61" (65.0mm x 66.3mm)
Compression ratio	9.8:1
Rated rpm	60 Hz – 1800 rpm 50 Hz – 1500 rpm
HP @ 3600 rpm	11.3 HP
Maximum angle of operation	Not to exceed 25° in all directions
Exhaust elbow conn.	2.0" OD (50.8mm)
Raw water conn.	0.75" OD (19.05mm)
Dry weight	307 lbs (139.3 kg)
Combustion system	Semi-spherical type
Aspiration	Naturally aspirated
Lubrication system	Forced pump
Cooling system	3.5 quarts (3.4 liter)
Full load fuel consumption	.63 GPH (2.4 LPH) (approx.)
Carburetor	Down draft type
Governor	Mechanical
Lube oil filter	Full flow, spin on element
Lubricant capacity	2.5 quarts (2.4 liters)
Fuel transfer pump	Electric type
Fuel supply piping	.25" ID (6.35mm)
Starting motor	12 volt, 1.2 kw
Battery charging	17 amps, integral electric type
Cold cranking amps	120 amps @ 70 degrees F
Electrical system	12 volts DC, negative ground

\*Generator field adjustable to 50 or 60 Hertz.

### Construction – Engine Components

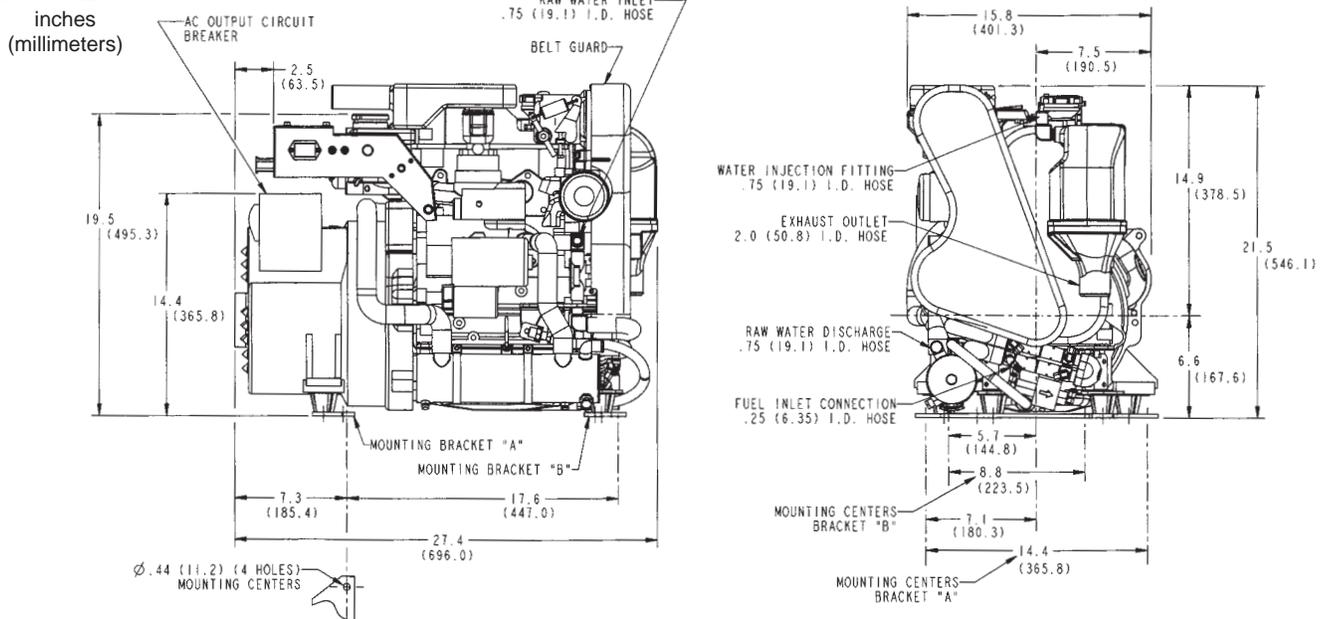
Cylinder head	Aluminum
Cylinder block	Cast Iron
Crankshaft	Forged crankshaft, four main bearings
Valves	Overhead, rotating type
Fuel System	Carbureted w/U.S.C.G. approved flame arrestor
Cooling system	Fresh water-cooled with heat exchanger
Exhaust manifold	Cast aluminum, fresh water-cooled

### Optional Equipment

- Remote start-stop panel
- Ship-shore switch
- Hydro-hush muffler and fittings
- "A" on-board spare parts kits; "B" extended cruising spare parts kit
- Anti-siphon valve for overboard cooling water discharge
- Power takeoff adapter
- Technical Manual

### Distributor/Dealer

### Basic Dimensions



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