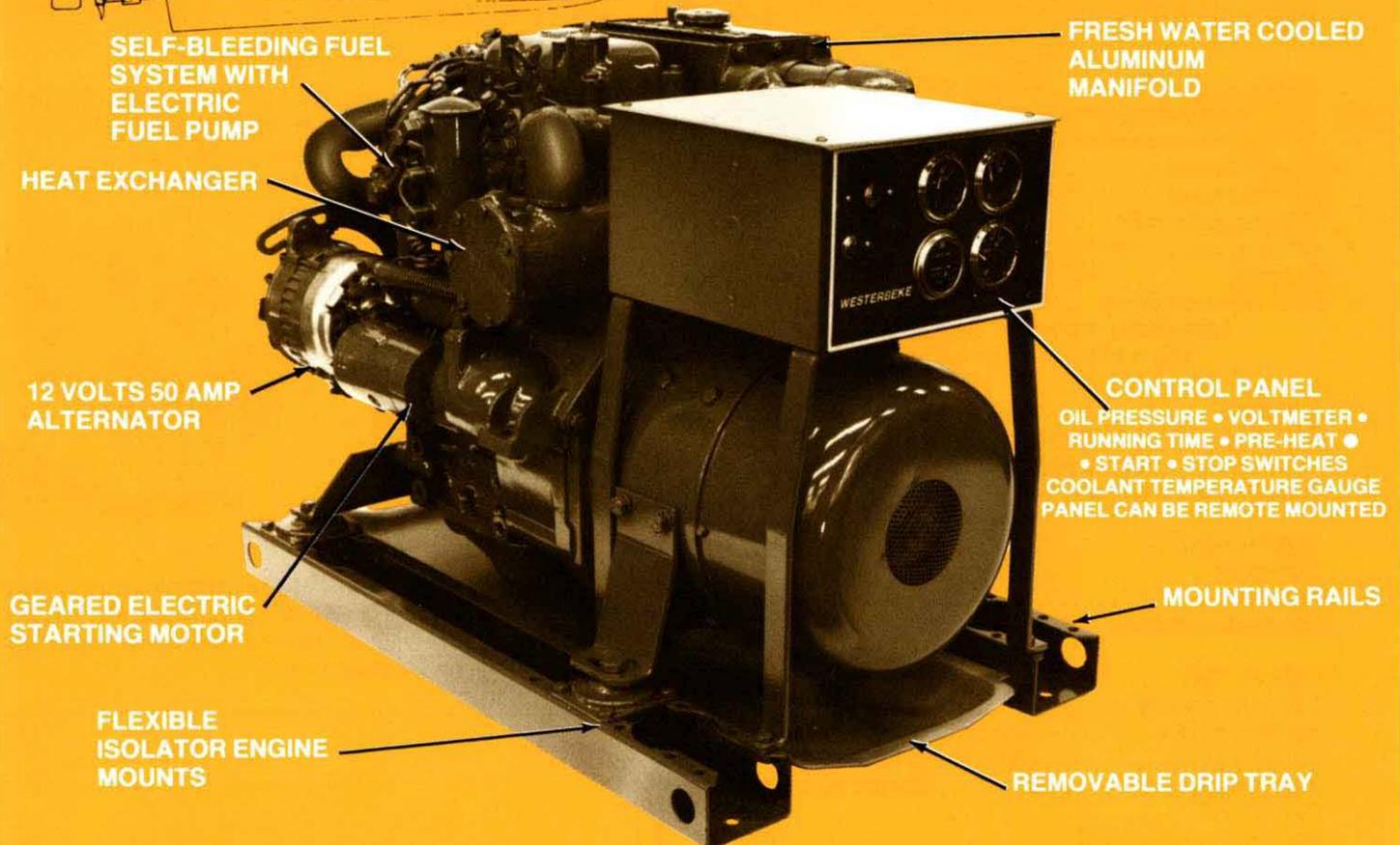
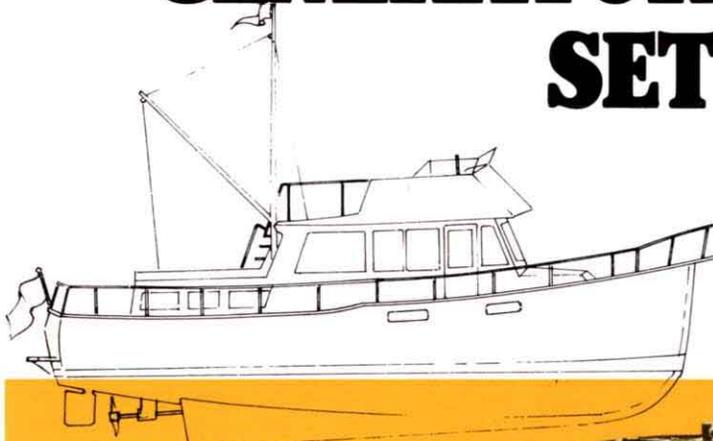


WESTERBEKE 4.4 KW MARINE DIESEL GENERATOR SET

A small, reliable, smooth running Generator Set for all your shipboard needs; 120 volt electrical power at the turn of a switch for: Electric Cooking, Microwave Oven, Refrigeration, Cabin Appliances, Power Tools, and Navigation/Communication Equipment. Like all Westerbeke Generator Sets, it is fresh water cooled with an Engine mounted Heat Exchanger. The Engine and Generator are connected through special "Commonized" Drive Discs, Flywheel, and Flywheel Housing into a compact, carefully aligned Generator Set. The complete unit is mounted on lightweight rails through soft flexible Isolator Mounts that prevent the transfer of vibration. A lightweight removable Drip Tray is fitted under the unit between the mounting rails. The Engine is fitted with an Electric Fuel Pump and Self-Bleeding Fuel System which restarts after loss of fuel supply without manual air bleeding. Cast iron cylinder head and block plus swirl type combustion chamber plus tuned air intake silencer produce quiet running unmatched in the industry.

The Westerbeke 4.4 is lightweight, safe, dependable, durable, and economical to operate. Designed to operate at a quiet 1800 RPM, the Westerbeke 4.4 offers 2 cylinder 4 cycle smoothness to provide electrical conveniences usually found only on larger boats.

FOR POWER OR SAILBOAT... A NEW SERIES OF DIESEL GENERATOR SETS FROM WESTERBEKE.



GENERATORS: 3, 4.4, 6, 8, 11, 12.5, 15, 20, 25, 32, 45

Fresh Water Cooled Diesel Generators from Westerbeke.

WESTERBEKE 4.4 KW

DESIGN: Four pole revolving armature, inherently regulated, self limiting, rectifier excited, A.C. slip rings, single bearing design.

VOLTAGE REGULATION: ±7% no load to full load.

FREQUENCY REGULATION: 3 Hertz (5%) no load to full load.

INSULATION: Class F as defined by NEMA MGI-1.65.

TEMPERATURE RISE: Within NEMA MGI-22.40 definition when operating @ full load.

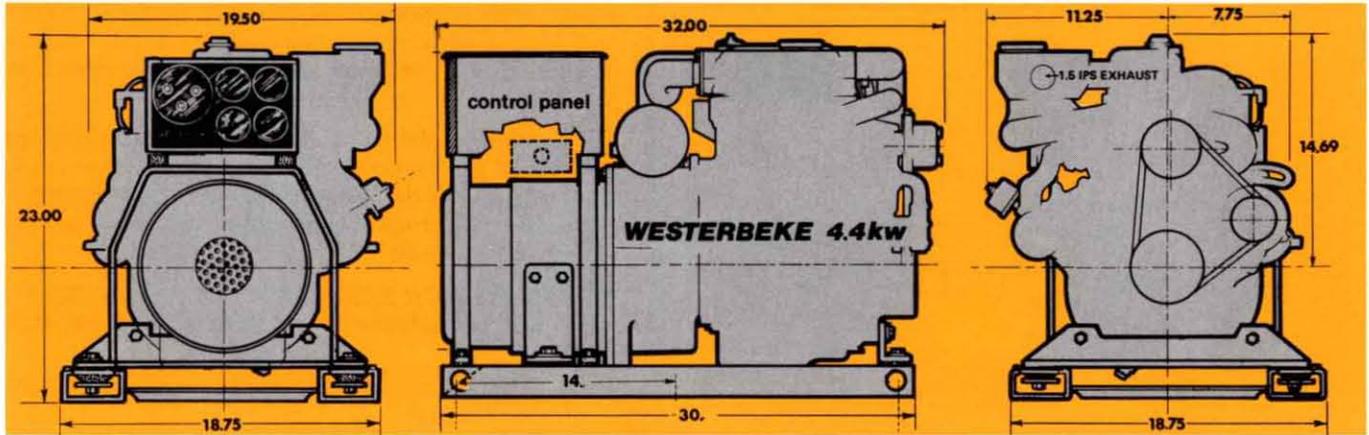
COOLING: Centrifugal blower, direct connected.

RADIO INTERFERENCE LEVEL: Capacitors minimize interference within the limits of most marine applications.

ARMATURE: Balanced laminated steel, double dipped and baked.

ELECTRICAL CHARACTERISTICS						RATINGS		DERATINGS	ENGINE	
Model	Volts	Amps	Hertz	Phase	Wire	Power Factor	KW		RPM	Start
4.4-612	120	36.6	60	1	2	1.0	4.4	3.5% each 1000 feet above sea level. 1% for each 10° Fahrenheit above 85° Fahrenheit ambient. 10% for continuous duty.	1800	Remote
4.4-613	120/240	18.3	60	1	3	1.0	4.4		1800	Remote
3.3-512	120	27.5	50	1	2	1.0	3.3		1500	Remote
3.3-513	120/240	13.7	50	1	3	1.0	3.3		1500	Remote

3 phase not available in either 50 or 60 cycle.



ENGINE

- Engine Type 4 cycle, water cooled, naturally aspirated, vertical overhead valve, diesel engine
- Cylinder arrangement 2 cylinders in line
- Bore & Stroke 2.68" x 3.07" (68mm x 78mm.)
- Displacement 37 cubic inch (.606 litre)
- Compression ratio 23 to 1
- Cooling water capacity 6 Qts.
- Rotation SAE Std. (clockwise facing front end)
- Fuel Injection Pump Bosch Distributor Type
Individual plunger for each cylinder, cam driven in a precision housing machined in block for rigidity and accuracy.
- Injectors Pintle type
- Self-Bleeding Fuel System Restarts after loss of fuel supply without manual air bleeding.
- Combustion Chamber Swirl type for easy starting and quiet operation
- Total weight 430 lbs.
- Governor Mechanical centrifugal type
- Fuel filter Paper element type
- Lubricating device Forced lubrication by trochoid pump
- Lub. oil filter Full flow, spin on, paper element type
- Lub. oil capacity 2.5 Qts.
- Starting motor Geared electric motor, 12 Volt.
- Starting aid 12 Volt sheathed type glow plug
- Fuel pump Electric plunger type
- Rated RPM 1800
- Max. Hp. at rated RPM 8.6 HP
- Full load fuel consumption approx. 0.5 G.P.H.

STANDARD EQUIPMENT

- 12 Volt 50 Ampere Alternator • Coolant recovery tank
- Fresh water cooling system • Operators Manual
- Air Intake Silencer • 12 Volt Starting Motor
- Flex Isolator Engine Mounts • Control Panel
- Water Injected Exhaust Elbow • Drip Tray
- Hi Water-Lo Oil Shutdown
- Hi Exhaust Temp. Shutdown
- On Plant Safety Stop Switch



OPTIONAL EQUIPMENT

- Sound Guard, Hydro Hush Muffler, remote start — stop control, 15 ft. plug-in extension harness for Remote Mounting Control Panel, Control Panel cover plate, Ship to Shore Rotary Transfer Switch.

OR CONTACT THE . . .

J. H. WESTERBEKE CORP.



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