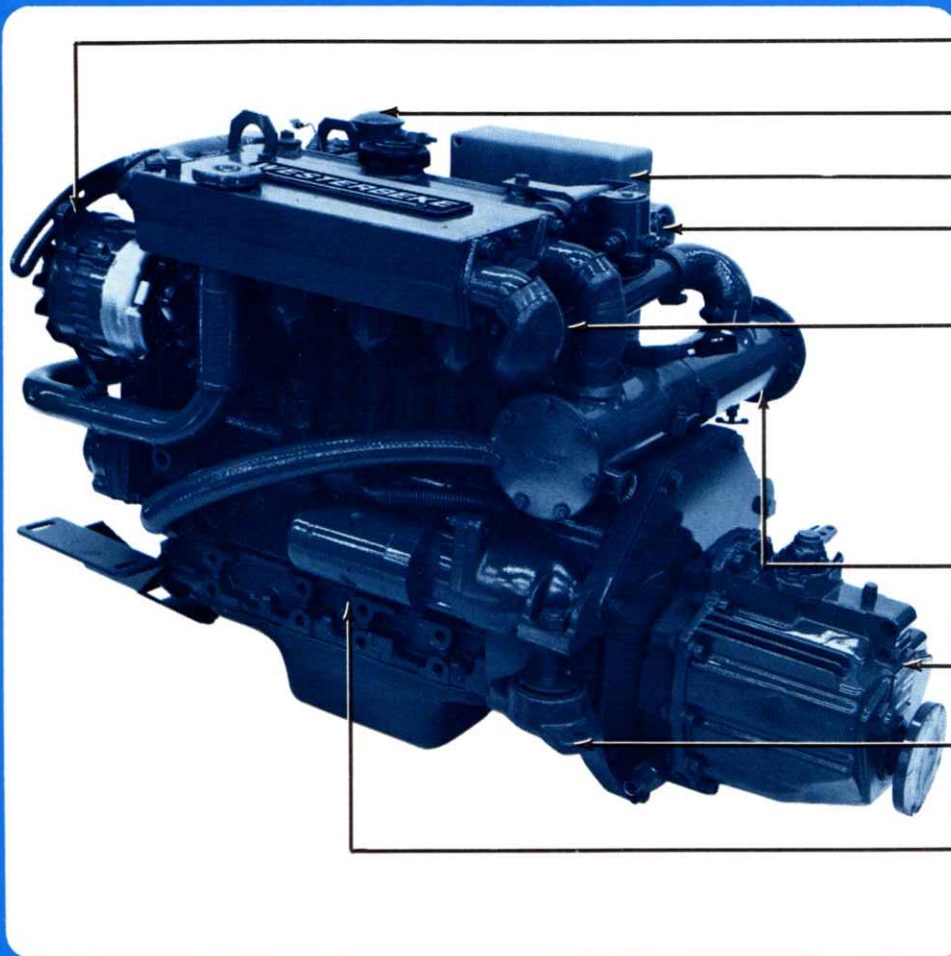


WESTERBEKE 27

The smallest four cylinder marine diesel available



12 VOLT 50 AMP ALTERNATOR

SELF-BLEEDING FUEL SYSTEM

TUNED AIR INTAKE SILENCER

CIRCUIT BREAKER
AND PRE-HEAT SOLENOID

FRESH WATER COOLED TWO
PASS ALUMINUM MANIFOLD THAT
INCLUDES A REMOTE COOLANT
RECOVERY TANK FOR
CONTINUOUS MONITORING OF
THE COOLING SYSTEM

HEAT EXCHANGER W/ REMOVABLE
END CAPS

SHORT PROFILE TRANSMISSION

ADJUSTABLE FLEX ISOLATOR
ENGINE MOUNTS 15" ON CENTER

HEAVY DUTY 12 VOLT GEARED
STARTING MOTOR

A NEW GENERATION OF MARINE ENGINES

The Westerbeke 27 provides 4 cylinder, four cycle smoothness in a lightweight, compact engine. Cylinder head and block are of cast iron for strength and long life while aluminum is used in non-wearing parts for lightweight. The performance from this 80 cubic inch engine will amaze you. Standard equipment not usually found on engines this size include *Fresh Water Cooling, 12 Volt 50 Amp Alternator, Prewired Electrical System, Self-Bleeding Fuel System* and a convenient *Oil Drain System* to eliminate messy oil changes.

The Westerbeke 27 is the smallest four cylinder diesel in the Westerbeke family of marine engines. Additional diesel engines are available from 10 to 120 hp all fresh water cooled and all built for performance, durability and economical operation... A true family of marine engines with standardized features and commonized parts for higher quality at lower costs.

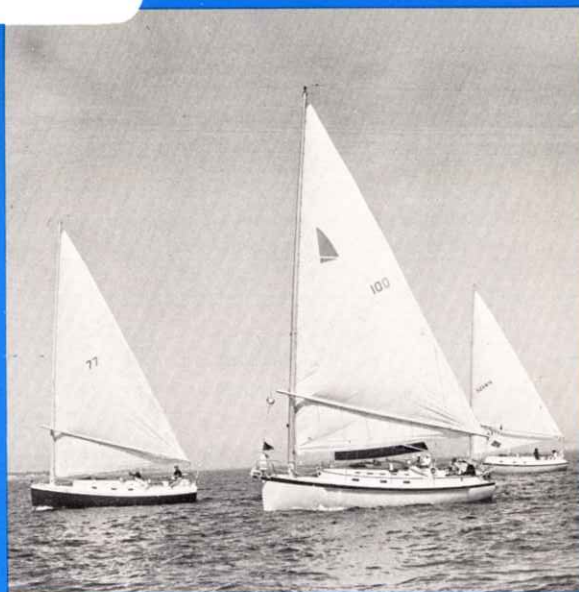


Photo courtesy of Hinterhoeller Yachts LTD.

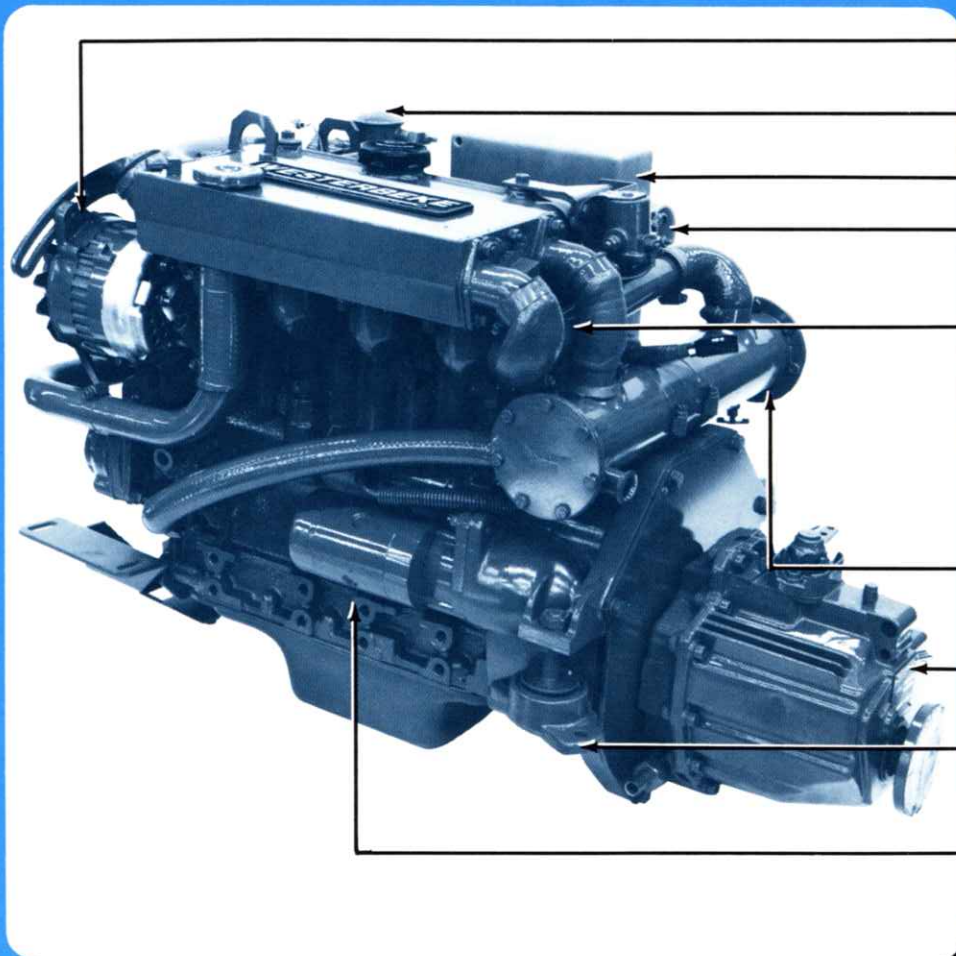


ENGINES: 10.2, 13, 21, 27, 33, 40, 52, 58, 70, 80, 100, 120

Fresh Water Cooled Diesels from Westerbeke.

WESTERBEKE 27

The smallest four cylinder marine diesel available



12 VOLT 50 AMP ALTERNATOR

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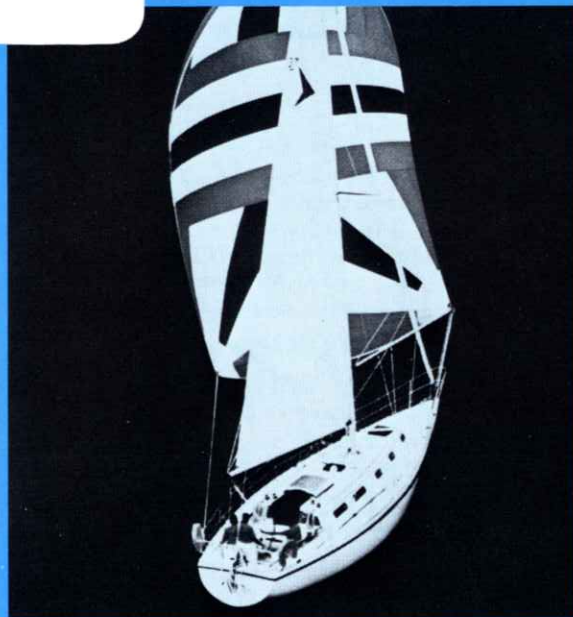
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SEAFARER 37 BY SEAFARER YACHTS INC.

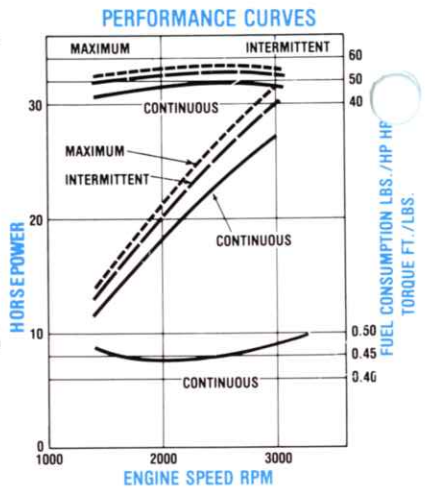
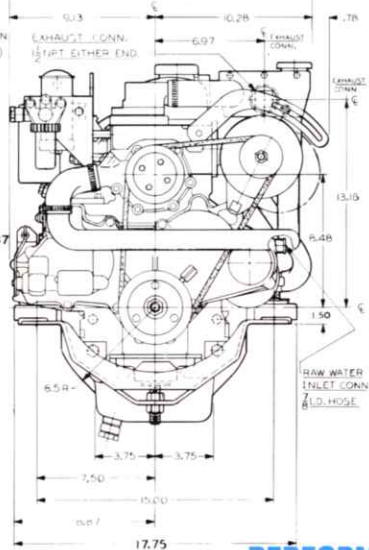
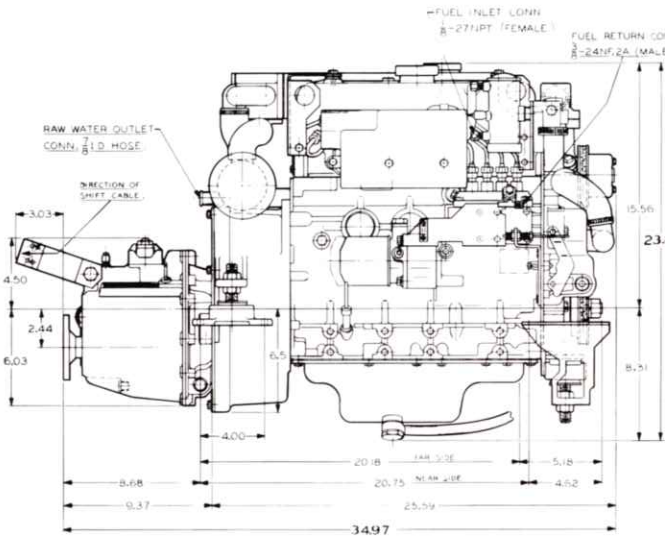


ENGINES: 13, 21, 27, 30, 33, 40, 50, 52, 58, 70, 80, 100, 120

Fresh Water Cooled Diesels from Westerbeke.

WESTERBEKE 27

A SMALL LIGHT 4 CYLINDER 4 CYCLE DIESEL ENGINE



PERFORMANCE DATA

QUALITY CONSTRUCTION — fresh water cooling with thermostatic controls, 50 amp alternator with radio shielding, metallic water piping wherever possible for endurance, cog-type alternator belts reduce slippage, glow plug cold weather starting aid, oversized 3" diameter heat exchanger, shut-off function built into throttle control, cast iron head and block for long life.

PARTS SUPPLY — nationwide stock of parts for Westerbeke engines and generators means better service from an expanding network of stocking distributors and dealers.

EXCEPTIONAL SMOOTHNESS — 4 cylinder 4 cycle engine, high inertia flywheel, vibration isolating mounts.

SELF BLEEDING FUEL SYSTEM — Restarts after running out of fuel without manual air bleeding.

VERY LIGHT WEIGHT — aluminum water-cooled two pass exhaust manifold and flywheel housing, save weight without sacrificing cast iron head and block.

EASE OF MAINTENANCE — removable end caps on heat exchanger for easy clean out, convenient oil drain system needs no hand pump, all wiring is led to a single 8-pin connector; heavy duty zinc anodes for heat exchanger.

EXCEPTIONAL QUIETNESS — custom designed, tuned intake silencer reduces intake air noise; modern swirl type combustion chamber design softens diesel clatter.

STANDARD EQUIPMENT

- Short profile 2-1 manual transmission • Propeller half coupling
- Adjustable flex isolator engine mounts (15" on center)
- Fresh water cooling system • Coolant recovery tank
- 12 volt 50 ampere alternator • Glow plug cold weather starting aid
- Throttle, stop, and shift control brackets • Operators manual
- Engine pre-wired at the factory with a single 8 pin connector

OPTIONAL EQUIPMENT

- Various accessory front pulleys
- Walter Injected Exhaust Elbow
- Hydro-Hush Muffler
- Sea Water Strainer
- Alternator Output Splitter
- Five function Electric Instrument Panel including Hour Meter and Tachometer
- Various optional transmissions
- Front exhaust outlet for Vee Drive applications



- Maximum Power Output 30/3000 RPM
- Typical Fuel Consumption Rate063US gal/HP/hr
- Typical Fuel Consumption Rate at 2500 RPM
- When Wheeled to Turn 3000 RPM 1.0US gal/hr
- Capacity of Lubricant 4 Qts
- Capacity of Coolant 8½ Qts

SPECIFICATIONS

- Model Number Westerbeke 27
- Engine Type 4 cycle, water cooled, naturally aspirated, vertical overhead valve, diesel engine
- Cylinder arrangement 4 cylinders in line
- Bore & Stroke 2.87"x3.07" (73mm.x78mm.)
- Displacement 80 cubic inch (1.3 litre)
- Compression ratio23 to 1
- No. of main bearings 5
- 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.
- Regulator IC (built in type)
- Injectors Pintle type
- Combustion Chamber Swirl type for easy starting and quiet operation
- Firing order 1-3-4-2
- Governor Mechanical centrifugal type
- Fuel filter Paper element type
- Lubricating device Forced lubrication by trochoid pump
- Lab. oil filter Full flow, spin on, paper element type
- Starting motor Geared electric motor, 12 Volt.
- Starting aid 12 Volt sheathed type glow plug
- Fuel pump Electric plunger type
- Dry weight of engine (w/trans.) 434 lbs.
- Power take-off Various crankshaft pulleys

CALL YOUR WESTERBEKE REPRESENTATIVE

OR CONTACT THE . . .

J. H. WESTERBEKE CORP.

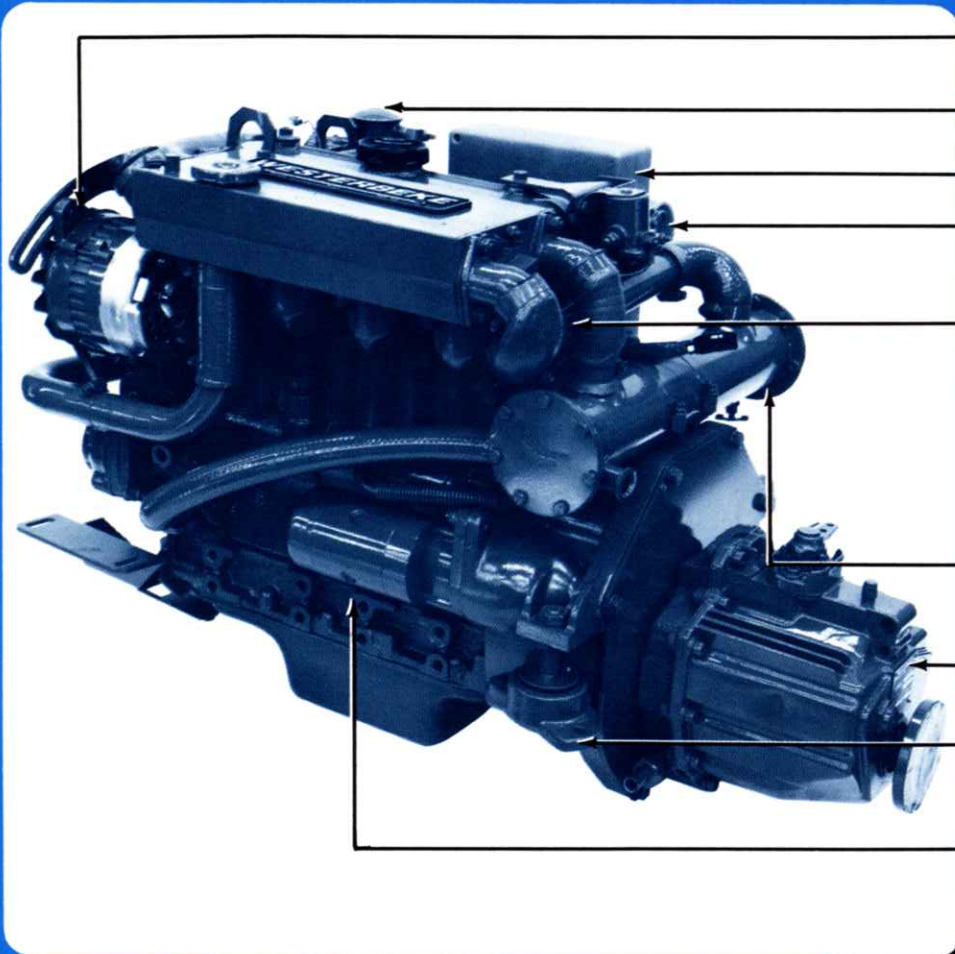
Avon Industrial Park, Avon, MA 02322, (617) 588-7700
Cable: Westcorp, Avon, Telex: 92-4444



WESTERBEKE

27

The smallest four cylinder marine diesel available



12 VOLT 50 AMP ALTERNATOR

FUEL FILTER

TUNED AIR INTAKE SILENCER

CIRCUIT BREAKER
AND PRE-HEAT SOLENOID

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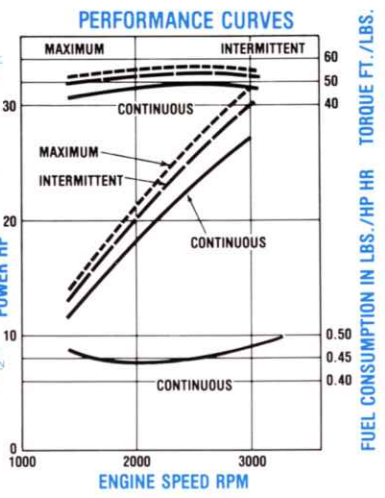
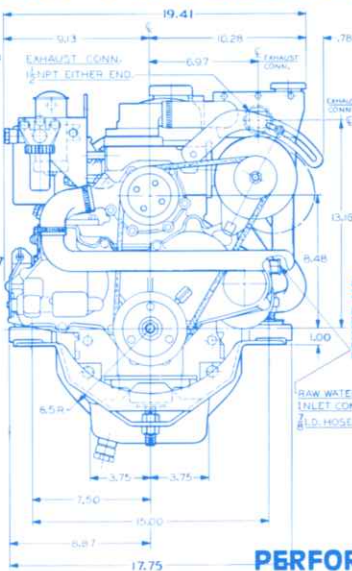
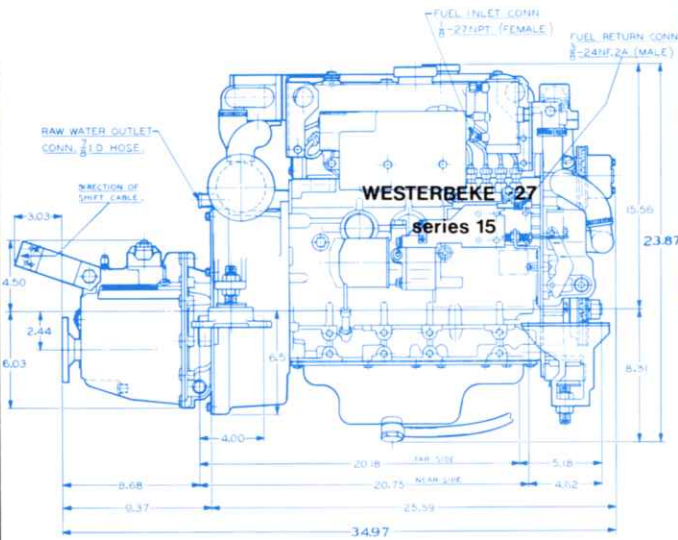


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WESTERBEKE 27



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EXCEPTIONAL SMOOTHNESS — 4 cylinder 4 cycle engine, high inertia flywheel, vibration isolating mounts.

SELF BLEEDING FUEL SYSTEM — Bosch-type fuel injection system and electric fuel pump, combined with Westerbeke's self-bleeding device.

VERY LIGHT WEIGHT — aluminum water-cooled two pass exhaust manifold and flywheel housing, save weight without sacrificing cast iron head and block.

EASE OF MAINTENANCE — removable end caps on heat exchanger for easy clean out, convenient oil drain system needs no hand pump, all wiring is tinned for corrosion resistance and led to a single 8-pin connector; heavy duty zinc anodes for heat exchanger.

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- Various optional transmissions
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| | |
|---------------------------------|---------------|
| Maximum Power Output | 30/3000 RPM |
| Specific Fuel Consumption | .45 lbs/HP-hr |
| Capacity of Lubricant | 4 Qts |
| Capacity of Coolant | 8½ Qts |

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