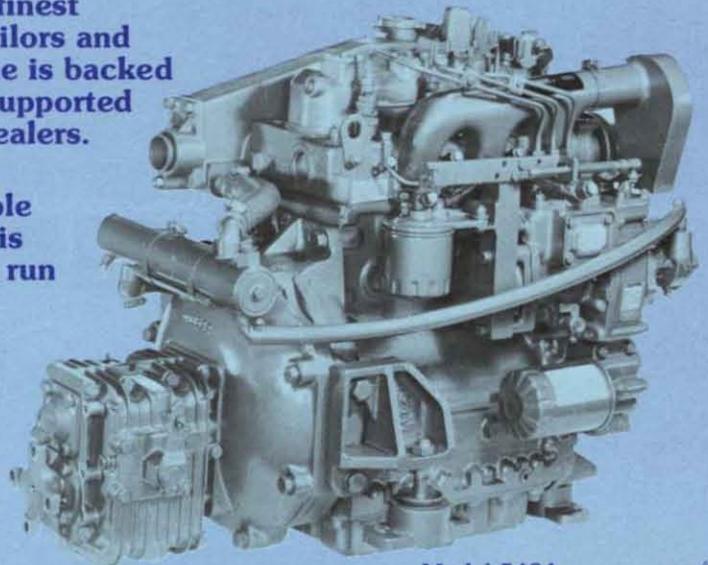


NEW Universal Diesel 24 hp auxiliary sailboat engines

Universal Diesel... created to power the world's finest sailboats... is now available to discriminating sailors and boat builders the world over. This new engine line is backed by 78 years of marine engine experience and is supported by a worldwide network of established, skilled dealers.

Every Universal Diesel is carefully assembled by experienced mechanics to assure long, dependable service and smooth operation. Before delivery it is subjected to a comprehensive dynamometer test run to confirm its operational excellence and assure maximum performance after installation.

Whether you're powering a new boat or repowering an older one, "stay on the move with Medalist." Insist on the finest auxiliary sailboat power you can buy - Universal Diesel.



Model 5424

features

STANDARD EQUIPMENT: Shift lever, electric start, alternator, sea water pump, vibro mounts, hand sump pump, lifting eye, fresh water cooling, electric fuel pump and reverse reduction gear.

CYLINDER BLOCK: Spherical graphite cast iron for maximum vibration dampening.

CYLINDER HEAD: Marine chrome nickel alloy iron with spherical combustion chamber for smooth running and clean exhaust.

CRANKSHAFT: High grade steel, statically and dynamically balanced. Drilled for pressure lubrication.

OIL PAN: Stamped steel, detachable for inspection purposes.

EXHAUST MANIFOLD: Cast iron, fully water jacketed for sea water resistance.

HEAT EXCHANGER: Bronze sea water tubes with removable end for fast, easy inspection and cleaning.

FRESH WATER COOLING: Rubber impeller sea water pump, with cast iron circulating pump.

FUEL SYSTEM: Bosch fuel injection system for minimum repairs. Fuel filter with replaceable element.

LUBRICATION: Full pressure lubrication to bearings, with full flow spin-on oil filter. Reverse gear separately lubricated.

REVERSE GEAR: Drop center gear with helical gears and a mechanical friction clutch. Permitting free wheeling of the propeller with no effect on the gear. Shifting requires very little effort. Standard reduction ratio of 2:1. Lubricated separately from the engine.

RUBBER MOUNTS: Engine equipped with three point adjustable mounting for ease of installation and minimum vibration.

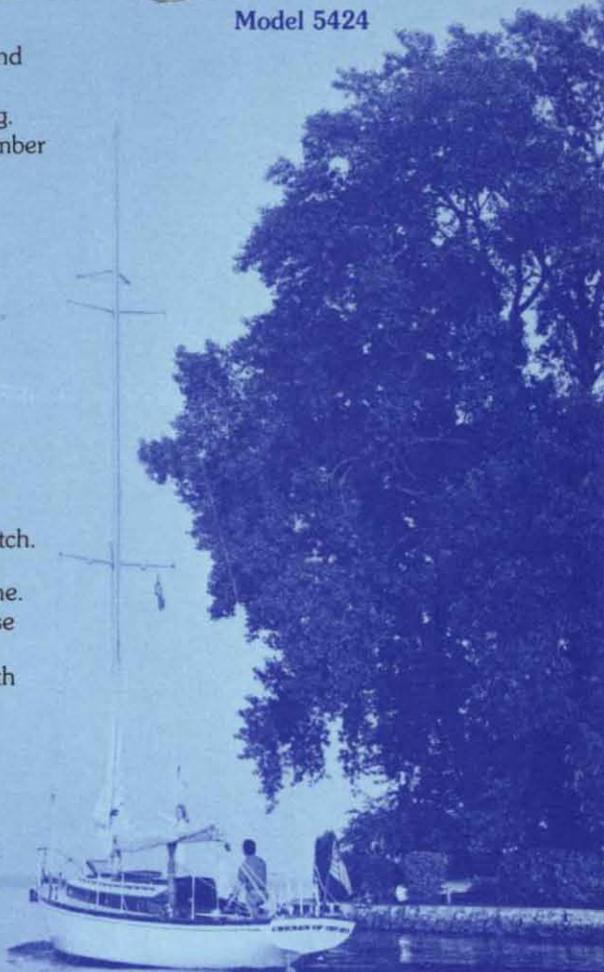
ELECTRICAL SYSTEM: 12 volt system standard. Marine type 55 Amp alternator with transistorized regulator, electric starter with solenoid for remote starting, electric fuel pump.

PROPELLER ROTATION: Right hand propeller.

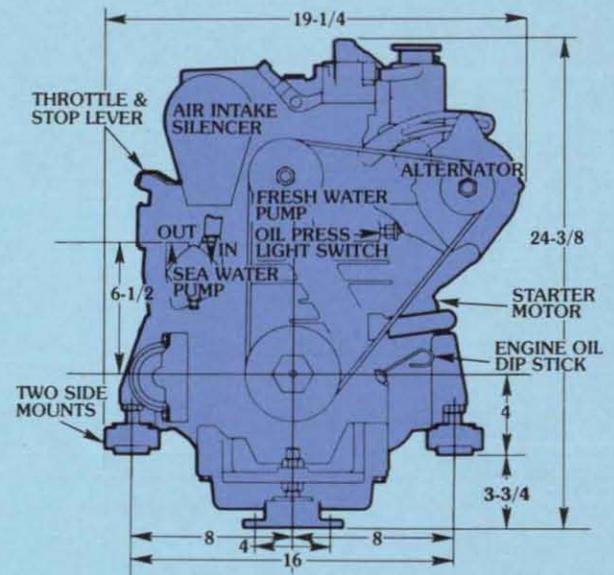
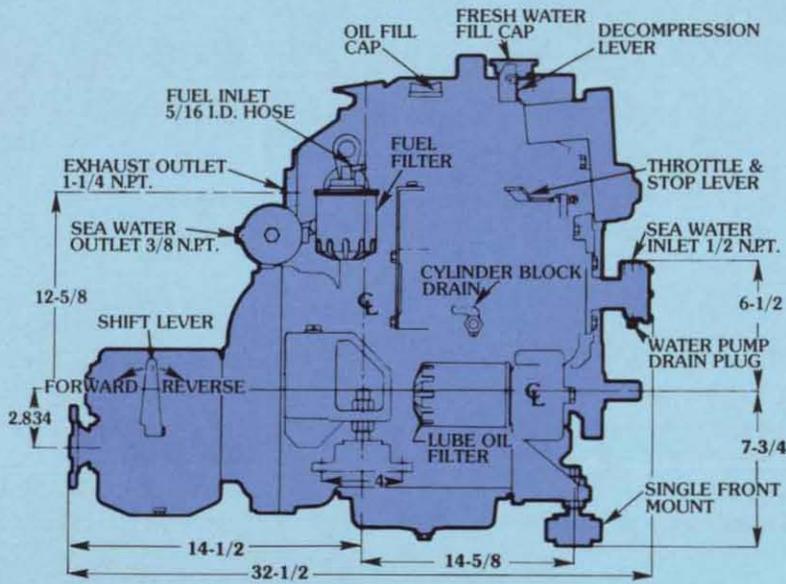
GLOW PLUGS: For easy starting in cold weather.

options

On-board spare parts kit. Instrument panel. Flexible coupling.



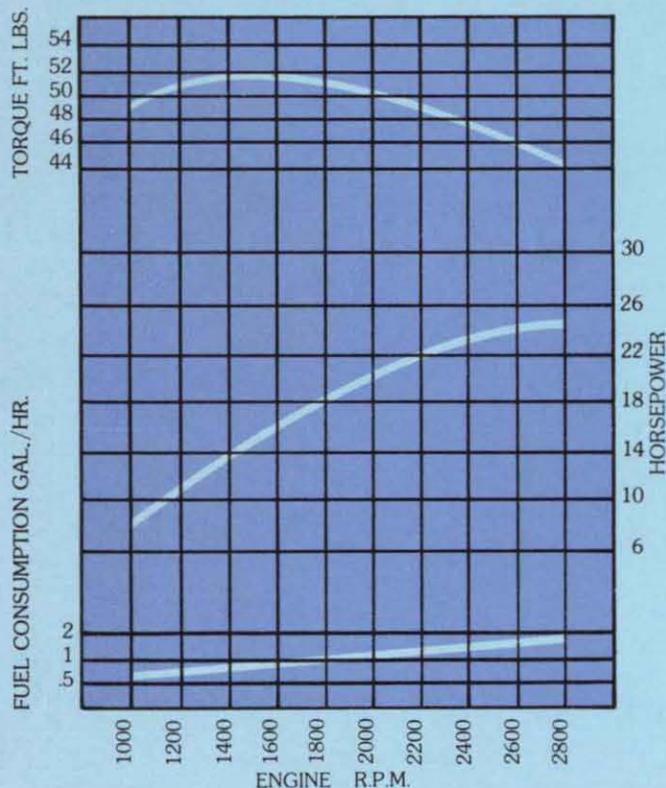
installation dimensions



specifications

Engine Type.....4 cycle
 Number of Cylinders.....3-Vertical
 Displacement.....68 Cu. In.
 Bore.....3 In. Stroke.....3.25 In.
 Starter and Fuel Pump.....12 Volt

Alternator.....12 Volt 55 Amp
 Maximum Installation Angle.....15°
 Horsepower.....24@2800 RPM
 Propeller Rotation.....Right hand
 Engine Weight.....425 Lbs.



Medalist  **Universal Motors**
 P.O. BOX 2508 OSHKOSH, WISCONSIN 54901
 (414) 231-4100

distributed by:

Subject to modifications without notice.