

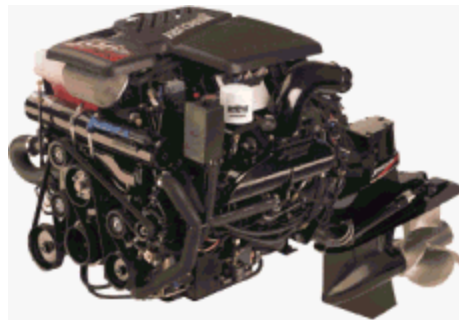
MERCURY

MerCruiser®

496 MAG - 375 HP

Specifications

HP: 375
kW: 280
SmartCraft: Yes
Displacement Liter/CID: 8.1/496
Cylinder/Configuration: V-8
Bore & Stroke (in): 4.25 x 4.38
Bore & Stroke (mm): 108 x 111
Compression Ratio: 9.1:1
Fuel System: MPI
Full Throttle RPM Range: 4400-4800
Ignition System: PCM 555 Distributorless
Alternator Amp: 65
Alternator Watt: 917
Length (in/mm): 35/878
Width (in/mm): 33/838
Height (in/mm): 24/610
Drive Options: Bravo One, Bravo Two, Bravo Three
Total Weight (lbs./kg): Bravo One: 1199/544
Total Weight (lbs./kg): Bravo Two: 1216/553
Total Weight (lbs./kg): Bravo Three: 1225/557
Drive/Gear Ratios (primary/optional/high altitude):
Bravo One: 1.5/1.36/1.65:1
Drive/Gear Ratios (primary/optional/high altitude):
Bravo Two: 1.81/2.00/2.2:1
Drive/Gear Ratios (primary/optional/high altitude):
Bravo Three: 1.81/2.00/2.2:1
Audio Warning System: Standard (Engine Guardian)
Closed-Cooling: Standard
Color-Coded Service Points: Standard
Easy Oil Drain System: Standard
Exhaust Manifold(s): Double-EDP- and ceramic-coated aluminum standard
Knock Control: Standard
MerCathode: Standard
Platinum-Tipped Spark Plugs: Standard
Power Steering: Standard
Remote Oil Filter: Standard
Risers: 2" and 6": Optional
Serpentine Belt: Standard
Stainless Steel Exhaust Elbows: Standard
Water-Cooled Fuel System: Standard
Water Drain System: Bravo standard: Air-actuated, single-point drain system - hand air pump included with engine
Water/Fuel Separator: Standard
CARB Star Rating: 3



Features & Benefits

- New shift plate designs and cables provide smoother, lower-effort shifting.
- Further enhancing the standard MerCathode corrosion protection, all Bravo Three drives feature additional protective anodes on the anti-cavitation plate and propshaft.
- MerCruiser MPI engines with SmartCraft™ feature the most sophisticated boat/engine data-management system available. This system monitors up to 64 internal and external functions and continuously adjusts the engine operations for optimum performance.
- PCM 555 engine control module uses a Motorola-supplied microprocessor for unprecedented onboard computing power. The Mercury-exclusive 555 control module serves as the central component of the SmartCraft™ Contoller Area Network (CAN).
- Mercury®-exclusive PCM 555 processor optimizes fuel mixture, knock control and ignition timing independently for each cylinder, resulting in improved, precise performance. PCM 555 also enables the connection of SmartCraft components.
- Engine Guardian™ proactively monitors and protects your engine from the damaging effects of low oil pressure, high engine temperature, engine over-speed, or low cooling water pressure.
- The Engine Guardian system not only detects and alerts you of an engine problem, it automatically reduces power to a safe level that allows you to continue operating.
- The SmartCraft Digital Throttle & Shift (DTS) system brings digital precision to engine throttle and shift (optional).
- DTS provides unprecedented smooth shifting (compared to mechanical systems); precise throttle control; and superior, reliable performance. SmartCraft DTS offered as a boatbuilder option on the 496 models (single- and twin-engine applications).
- The 555 control module enables boat manufacturers to offer state-of-the-art digital information displays like the Mercury-exclusive SC5000 System View, a small computer screen that allows the driver to easily monitor and verify real-time engine and boat data.
- Dry-joint technology reduces the potential for water leakage in exhaust components and improves corrosion resistance in the exhaust system.
- MerCruiser-exclusive water drain system - an air-actuated, single-point interface to two drain points - provides a fast, convenient means of draining water from the engine.
- The innovative water drain system effectively enables boaters to extend their boating season into the cold months.