

MERCURY

MerCruiser®

4.3 MPI - 220 HP

Specifications

HP: 220
kW: 164
SmartCraft: Yes
Displacement Liter/CID: 4.3/262
Cylinder/Configuration: V-6
Bore & Stroke (in): 4.0 x 3.48
Bore & Stroke (mm): 101 x 88
Compression Ratio: 9.4:1
Fuel System: MPI
Full Throttle RPM Range: 4400-4800
Ignition System: ECM 555
Alternator Amp: 65
Alternator Watt: 917
Length (in/mm): 28/696
Width (in/mm): 30/740
Height (in/mm): 22/559
Drive Options: Alpha, Bravo Two, Bravo Three
Drive/Gear Ratios (primary/optional/high altitude):
Alpha 1.62/1.47/1.81:1
Drive/Gear Ratios (primary/optional/high altitude):
Bravo Two 2.2/2.0/-:1
Drive/Gear Ratios (primary/optional/high altitude):
Bravo Three: 2.2/2.43/-:1
Total Weight (lbs./kg): Alpha: 865/393
Total Weight (lbs./kg): Bravo Two: 912/414
Total Weight (lbs./kg): Bravo Three: 921/419
Audio Warning System: Standard (Engine Guardian)
Ceramic- and EDP-Coated Exhaust Elbows: Standard
Closed-Cooling: Optional
Color-Coded Service Points: Standard
Compact Hydraulic Steering: Optional
Easy Oil Drain System: Standard
Exhaust Manifold(s): EDP-Coated and Painted Cast Iron
Knock Control: Standard
MerCathode: Kit (Alpha/Standard (Bravo)
Platinum-Tipped Spark Plugs: Standard
Power Steering: Standard
Remote Oil Filter: Standard
Risers 3": Optional
Serpentine Belt: Standard
Water-Cooled Fuel System: Standard
Water Drain System: Alpha: Manual single-point drain w/rotary valve control located on front; Alpha/Bravo Opt.: Hand-removable plugs on port, starboard and front; Bravo: 3-point manual system with drain plugs; Bravo Opt.: Air-actuated, single-point system, pump included
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.
- All Alpha drive models now feature the proven Bravo-style maintenance-free hinge pins.
- 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.
- 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.
- 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.
- Multipoint injection system provides dependable turn-key starts, optimized fuel/air distribution, digital electronic spark advance, idle speed control, and automatic adjustment for atmospheric and elevation changes for reliable performance.
- MerCruiser-exclusive single-point water drain system (optional on Bravo® models) allows the operator to drain water from the engine from one, easy-to-reach location for convenience.
- Dry-joint exhaust system eliminates a potential leak path, reduces a buildup of condensation and decreases the threat of water ingestion for longer engine life.
- Exclusive easy oil drain system simplifies routine maintenance, allowing engine oil to be drained through a hose that exits through the boat's standard drain plug hole.
- MerCruiser water-cooled and insulated fuel system, which eliminates the need for a return line to the fuel tank, helps keep fuel temperatures down and greatly reduces the potential for vapor lock with today's fuels.
- Remote-mounted oil filter places the oil filter within easy reach for simple, clean oil changes. Along with the easy oil drain system, MerCruiser MPI engines bring simplified maintenance to a new level.