

## 350 MAG MPI

► **Specifications**

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### 315 HP TOW SPORTS INBOARD FUEL-INJECTED



▼ **Features**

<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<ul style="list-style-type: none"> <li>Mercury®-exclusive ECM 555 processor optimizes fuel mixture, knock control and ignition timing independently for each cylinder, resulting in improved, precise performance. ECM 555 also enables the connection of SmartCraft components.</li> </ul>	<ul style="list-style-type: none"> <li>Remote-mounted oil filter places the oil filter within easy reach for simple, clean oil changes. Along with the exclusive easy drain oil system, MerCruiser MPI engines bring simplified maintenance to a new level.</li> </ul>
<ul style="list-style-type: none"> <li>ECM 555 control module enables boat manufacturers to offer state-of-the-art digital information displays like the Mercury-exclusive SC5000 System View, a computer screen that allows the driver to easily monitor and verify real-time engine and boat data.</li> </ul>	<ul style="list-style-type: none"> <li>Standard audio alarm system warns of low oil pressure, high water temperature and excessive transmission temperature, reducing chances of engine or transmission damage.</li> </ul>
<ul style="list-style-type: none"> <li>Engine Guardian™ proactively monitors and protects your engine from the damaging effects of low oil pressure, high engine pressure, engine over-speed, or low cooling water pressure.</li> </ul>	<ul style="list-style-type: none"> <li>Color-coded service points for easy identification of key service areas (yellow – engine oil; blue – engine coolant; brown – transmission fluid).</li> </ul>
<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>65-amp/917-watt alternator fully charges the battery for dependable starting with extra capacity to handle additional electrical accessories. Alternator is located high on the engine to avoid water contamination.</li> </ul>
<ul style="list-style-type: none"> <li>MerCruiser multiport fuel injection (MPI) system features high-quality marine-specific componentry for unmatched performance and increased throttle response.</li> </ul>	<ul style="list-style-type: none"> <li>One-piece serpentine belt means easier servicing, less maintenance, unsurpassed belt life, and requires fewer horsepower to drive the engine accessories.</li> </ul>
<ul style="list-style-type: none"> <li>MPI also provides dependable turn-key starts, optimized fuel/air distribution to each cylinder, digital electronic spark advance, idle speed control, and automatic adjustment for atmospheric and elevation changes for reliable performance.</li> </ul>	<ul style="list-style-type: none"> <li>Heavy-duty water-circulating pump uses a stainless steel shaft, bronze impeller and special seal for long life.</li> </ul>
<ul style="list-style-type: none"> <li>MerCruiser-exclusive optional air-actuated, single-point water drain system allows the operator to drain water from the engine from one, easy-to-reach location for convenience.</li> </ul>	<ul style="list-style-type: none"> <li>Sealed flywheel housing protects starter from water damage for added resistance to the elements.</li> </ul>
<ul style="list-style-type: none"> <li>Standard water drain system features three easily accessible blue, hand-removable drain plugs near the front of the engine.</li> </ul>	<ul style="list-style-type: none"> <li>Remote water-separating fuel filter ensures dependable starts and performance by removing water and solid particles from fuel before they reach the fuel system.</li> </ul>
<ul style="list-style-type: none"> <li>Dry-joint exhaust system eliminates a potential leak path, reduces buildup of condensation and decreases the threat of water ingestion for longer engine life.</li> </ul>	<ul style="list-style-type: none"> <li>High-capacity seawater pump utilizes brass pump body and stainless steel end plate and shaft for increased durability and corrosion protection.</li> </ul>
<ul style="list-style-type: none"> <li>Exclusive easy oil drain system simplifies routine maintenance, allowing engine oil to be drained through a hose that exits the boat's standard drain plug hole.</li> </ul>	<ul style="list-style-type: none"> <li>Neutral start safety switch permits starting only when transmission is in neutral.</li> </ul>
<ul style="list-style-type: none"> <li>A brass seawater pump provides increased protection from corrosion for longer engine life and less overall maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>All MerCruiser gasoline engines (500 hp or less) are designed to run on regular 87-octane fuel, instead of premium, making them less expensive to operate.</li> </ul>
<ul style="list-style-type: none"> <li>Platinum-tipped spark plugs for extended life and less routine maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>3-year/300-hour maintenance interval for most scheduled maintenance on all gas models. Some scheduled and routine maintenance is required more frequently as specified in the engine owner's manual.</li> <li>All Mercury® engines include a 3-year limited corrosion failure warranty.</li> </ul>

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<b>HP</b>	315
<b>kW</b>	235
<b>SmartCraft</b>	Yes
<b>Displacement Liter/CID</b>	5.7/350
<b>Cylinder/Configuration</b>	V-8
<b>Bore &amp; Stroke (in)</b>	4.0 x 3.48
<b>Bore &amp; Stroke (mm)</b>	101 x 88
<b>Compression Ratio</b>	9.4:1
<b>Fuel System</b>	MPI
<b>Full-Throttle RPM Range</b>	4600 – 5000
<b>Ignition System</b>	ECM 555
<b>Alternator Amp</b>	65
<b>Alternator Watt</b>	917
<b>Length (in/mm)</b>	43/1092
<b>Width (in/mm)</b>	30/740
<b>Height (in/mm)</b>	22/559
<b>Total Weight (lb/kg)</b>	813/369
<b>Transmission/Gear Ratios</b>	Velvet Drive 71C: 1.0:1
<b>Transmission/Gear Ratios</b>	Velvet Drive 72C: 1.5:1
<b>Audio Warning System</b>	Standard (Engine Guardian)
<b>Brass Seawater Pump</b>	Standard
<b>Ceramic- and EDP-Coated Exhaust Elbows</b>	Standard
<b>Closed-Cooling</b>	Kit
<b>Color-Coded Service Points</b>	Standard
<b>Easy Oil Drain System</b>	Standard
<b>EDP-Coated and Painted Exhaust Manifold(s)</b>	Standard
<b>Engine Flush Port</b>	Kit
<b>50-Amp Circuit Breaker</b>	Standard
<b>High-Capacity Seawater Pump</b>	Standard
<b>Knock Control</b>	Standard
<b>Neutral Start Safety Switch</b>	Standard
<b>Platinum-Tipped Spark Plugs</b>	Standard
<b>Remote Oil Filter</b>	Standard
<b>Risers 3" and 6"</b>	Kit
<b>Serpentine Belt</b>	Standard
<b>Water-Cooled Fuel System</b>	Standard
<b>Water Drain System</b>	Standard: Three-point manual drain system with blue hand-removable drain plugs. Optional: Air-actuated, single-point drain system – hand air pump included with engine
<b>Water/Fuel Separator</b>	Standard

**EFFECTIVE JULY 2003**

Option availability determined by boat manufacturers within their boat model offerings.  
All models and specifications are subject to change without notice or incurring obligation to modify previously manufactured products.