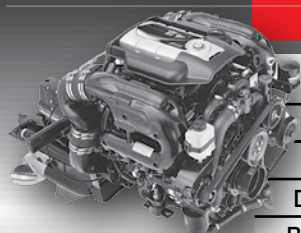


# 4.3 MPI ECT

## Sterndrive



SmartCraft Integrated Marine Technology maximizes performance and delivers a greater sense of security with innovative features.



For full details on this complete corrosion protection system see page 24-27.



4-Star C.A.R.B. rating on 87 octane fuel for super ultra low emissions.

### SPECIFICATIONS

HP/kW	220 / 162
Max RPM (WOT)	4400 - 4800
Cylinders	V 6
Displacement (CID/L)	262 / 4.3
Bore X Stroke (in/mm)	4.00 x 3.48 x / 101 x 88
Compression Ratio	9.4:1
Fuel/Ethanol Tolerance	87 Octane / up to 10% Ethanol
Fuel Delivery System	Multi-point Electronic Fuel Injection (EFI)
Engine Control System	PCM 09 w/SmartCraft CAN Capability OBD-M Diagnostics & O2 Sensors
Induction System	2 Piece Long Runner Intake w/75mm throttle body
Ignition System	Crank Fired High Voltage Switch w / Knock Control
Charging (Amp/Watt)	65 / 917 Alternator
Water Drain System	Single Point Manual (Alpha) Three Point Manual (Bravo) Air Actuated Single-Point (FMC or SeaCore)
Exhaust System	Iron Manifolds w/ EDP Coated Dry Joint Exhaust Elbow
Cooling System	Thermostatically Controlled, Raw Water
Accessory Drive System	Serpentine Belt
Recommended Oil	Mercury MerCruiser Full Synthetic 20W-40W, NMMA FCW Rated
Engine Guardian System	Low oil pressure, high coolant temperature, low sea water pressure, low voltage, over- rev control and low drive lube
Dimensions (LxWxH) in	28 x 30 x 22
Dimensions (LxWxH) mm	696 x 740 x 559
Weight w/Alpha (lbs/kg)	949 / 430
Weight w/Bravo One (lbs/kg)	1007 / 457
Weight w/Bravo Two (lbs/kg)	1022 / 464
Weight w/Bravo Three (lbs/kg)	1032 / 468
Freshwater Cooling	Optional or Standard on SeaCore
Digital Throttle & Shift	NA

**KEY ATTRIBUTES****✓ Sequential Multi-Port Fuel Injection**

Precisely outlines the exact amount of fuel for all driving conditions.

**Benefits:**

- *Easy starts, regardless of temp.*
- *Better throttle response.*
- *Smooth, stable idling.*
- *Increased fuel efficiency.*
- *Reduced cost of operation.*

**✓ Cool Fuel Module**

Water cooled fuel delivery system provides Hi-psi fuel to the injectors.

- Cools fuel to prevent vapor lock
- Spin-on type water separating fuel filter helps protect the engine and fuel system

**Reliability with Ease of Maintenance.**

**✓ High Output Alternator**

**65 Amps @ Maximum RPM    38 Amps @ idle.**

Provides battery charging on demand allowing use of electronics, alarms & other accessories. **Dependability.**

**✓ Drive Lube Monitor**

Easy-to-see translucent bottle for checking level of gearcase lubricant with audible level warning.

**Provides drive protection and simple maintenance.**

**✓ Exclusive Engine Guardian**

Senses potential problems and virtually eliminates the chance for engine or drive damage due to overheating, low oil pressure or low drive lubricant. **Protects your Investment.**

# 4.3 MPI ECT Sterndrive

## KEY ATTRIBUTES

### ✓ **Dry-Joint Exhaust Design**

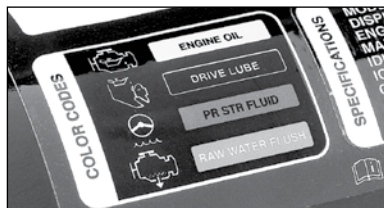
Separates cooling water & exhaust at junctions to prevent water leaks from reaching critical engine components.

*Long-Term Endurance with built-in Reliability*

### ✓ **Color-Coded Service Points**

Allows easy checking of fluids levels and convenient filling of reservoirs.

*Ease of Ownership.*



### ✓ **Easy-Maintenance Features**

#### **Top Mount Oil Dipstick**

- Easy to remove & replace
- Fitting allows oil to be pumped out

#### **Top/Front Mounted Oil Filter**

- Easy access for removal
- Spin-on automotive type



### ✓ **Front Mount Oil Fill**

- Easy access
- Easy to pour spout

*Convenient to use and Easy to service*



### ✓ **MerCathode Corrosion Protection**

Standard on Bravo models, available on Alpha models. This active cathodic corrosion protection system feeds electrons to underwater hardware and drive units. *Enhanced corrosion protection.*

**Sterndrive**

**4.3 MPI ECT**

**ADDITIONAL FEATURES / BENEFITS**

**MerCruiser's ECT  
Technology**

Multiport Fuel Injection (MPI)  
PCM09 Control Module  
Catalyst System (Exhaust Manifolds)  
**Dual Oxygen Sensors on each manifold**  
This system provides excellent performance while producing Super Ultra-Low emission levels

**Proven V6**

GM cast iron base engine with Dual Plane intake manifold for more power and durability.

**High Voltage  
Ignition**

High energy ignition with knock control provides instant starts and more power for performance.

**EDP (Electro-  
Deposition Paint)  
Coating**

Featured on the Exhaust manifolds, risers, elbows & Thermostat housings add to corrosion endurance of these components.

**Power Steering**

Reduces steering effort and provides enhanced hull control at all boat speeds.

**Easy Ownership**

Operates on easy to find, less expensive 87 octane fuel.

Serpentine belt system for longer belt life.

**3 year/300 hour** maintenance interval on many periodic service items saves time, money and keeps you on the water.

**AVAILABLE DRIVES**

**Alpha, Bravo One, Bravo Two, Bravo Three**

Visit **[mercurymarine.com](http://mercurymarine.com)** for details  
on the best performing drives in the world.