

PCM[®] marine engines

INTRODUCES THE MOST COMPREHENSIVE PORTFOLIO OF ENVIRONMENTALLY FRIENDLY INBOARDS IN THE WORLD.

CATANIUM[™]

CES
CLEAN EMISSION SYSTEM



- **PCM's Exclusive CATANIUM[™] Clean Emission System** is advanced catalyst technology from the world's leading manufacturer of gasoline inboard engines.
- **Greatly Reduces Emissions and Dangerous Carbon Monoxide** for a cleaner, safer marine environment.
- **Lean, Clean and More Powerful than Ever:** Enhanced performance, greater fuel efficiency.
- **Patent-pending**, exclusive to PCM.
- **Available on any engine** in the PCM lineup, everywhere in the world.

CATANIUM[™] CES FEATURES

Pre- and post-sensors ensure clean emissions by monitoring exhaust gases before and after they pass through the catalyst.

PRE-O2 SENSORS

Catalysts are positioned within both sides of the exhaust system. They use precious metals to clean exhaust gases and are constructed of stainless steel for lasting durability.

Exclusive High Performance Crossover protects catalysts and monitoring sensors from water reversion and reduces back pressure for optimal performance.

Thermostatically Controlled Exhaust Cooling prevents condensation and corrosion, ensuring dependability and longevity.

POST-O2 SENSORS



SPECIFICATIONS

FEATURES



Model: ZR-409
Displacement: 6.0 Liter
Rated Power:* 409 @ 5600 rpm
Fuel System: Multi-Port Fuel Injection



Models: Pro Sport/Ex-343
Displacement: 5.0/5.7 Liter
Rated Power (5.0):* 275 @ 5000 rpm
Rated Power (5.7):* 343 @ 5000 rpm
Fuel System: Multi-Port Fuel Injection

PCM's Exclusive CATANIUM™ Clean Emission System

- Advanced catalyst technology greatly reduces emissions and dangerous carbon monoxide for a cleaner, safer marine environment.
- Lean, Clean and More Powerful than Ever: enhanced performance, greater fuel efficiency.
- Patent-pending, exclusive to PCM.
- Stainless steel catalysts for lasting durability in the harsh marine environment.
- High performance crossover reduces noise and back pressure, optimizing performance
- Pre- and post-sensors to ensure clean emissions

Adjust-a-Flex™ Mounting System • Precision precompressed adjustable mount • Rubber isolators for vibration-free performance • Versatile six-way adjustment for trouble-free installation • Unique rear mount system provides double support for added stability and strength • Self-adjusting to stringer surface

Multi-Port Fuel Injection • Instant starting • Precise throttle response • Outstanding cruising and top-end performance • Increased fuel efficiency • The latest in sequential multi-port technology

Engine Management System • Knock sensor adjusts for low octane fuel • Automatic spark advance provides peak performance in all operating conditions • Monitors the vital signs of the lubrication and cooling systems • Rev limiter prevents engine damage from over-revving.

Exclusive Fuel Control Cell™ • Two-pump system ensures precise fuel delivery and eliminates vapor lock • Protects EFI system against contaminated fuel • Premium, extra large fuel filter/water separator • Easy to reach and service • Eliminates the need for a specially modified fuel tank for EFI installations

Lubrication System • Full pressure full flow filtering system • Positive crankcase ventilation • Remote oil filter for easy maintenance

Cooling System • Transmission cooler • High volume stainless steel modular raw water pump • Thermostatically controlled cooling system • Full freshwater cooling is standard on the ZR-409

Electrical System • Electronic Ignition • 12-volt negative ground system • High output 100-amp alternator • Overload damage protection by a manual reset circuit breaker • Prewired wiring harness • High-torque positive-engagement marine starter • Temperature, oil pressure and voltage sending unit • Moisture cover

Transmissions Options • PCM Power Plus® in direct drive or 1.23:1 reduction gear • In-line and V-drives • New! Power Plus Vee, the ultimate in V-drive transmissions

Miscellaneous • Owner's manual • Engine lifting rings • Throttle and shift control brackets • Multi-coat non-corrosive paint protection • U.S. Coast Guard approved flame arrester

PCM®
marine engines

www.pcmengines.com

Warranty • 3-year limited warranty

*Power rated according to NMMA procedures • Specs and products are subject to change. ©Pleasurecraft Engine Group. All rights reserved.