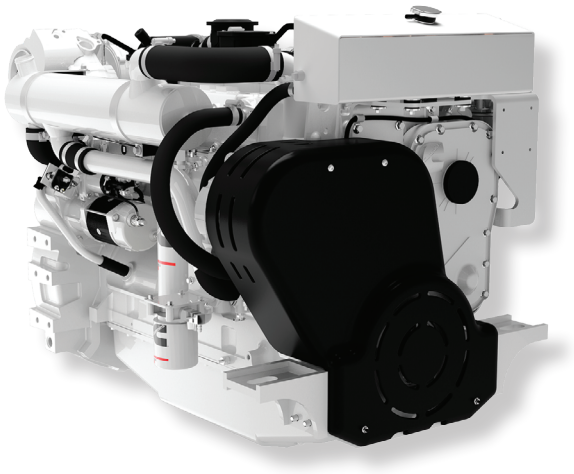
QSL9

Marine Propulsion Engines for Recreational Applications

General Specifications

Configuration	In-line, 6-cylinder, 4-stroke diesel
Aspiration	Turbocharged / Aftercooled
Displacement	8.9 L (542 in^3)
Bore & Stroke	114 X 145 mm (4.49 X 5.71 in)
Rotation	Counterclockwise facing flywheel
Fuel System	High Pressure Common Rail



Product Dimensions and Weight

Overall Length	mm (in)	1362.3	(53.63)
Length of Block	mm (in)	856.0	(33.70)
Overall Width	mm (in)	969.8	(38.18)
Overall Height	mm (in)	1213.7	(42.78)
Weight	kg (lb)	977	(2153)

Dimensions and weight may vary based on selected engine configuration.

Power Ratings

Engine Model	Output Power kW	MHP	BHP	Engine Speed RPM	Rating Definition	Fuel Consumption Rated Speed L/hr (gal/hr)	ISO* L/hr (gal/hr)	Emissions IMO	EPA	EU	RCD
Variable Speed											
QSL9	302	410	405	2100	High Output	78.7 (20.8)	53.5 (14.1)	2	3	—	2**

* Average fuel consumption based on ISO 8178 E3 Standard Test Cycle (variable speed models) and ISO 8178 D2 Standard Test Cycle (fixed speed models)

** Available in Heat exchanged (HX) configuration only.

QSL9

Marine Propulsion Engines for Recreational Applications

Features and Benefits

Engine Design – Robust engine designed for long life. Metric O-ring seals and edge molded gaskets eliminate fluid leaks. Aluminum pistons for exceptional durability

Fuel System – High Pressure Common Rail electronically-controlled fuel system provides constant high injection pressure regardless of engine speed or load condition. Benefits include low noise and vibration for quiet operation and faster load acceptance

Lubrication System – Standard capacity (18 L [19 quart]) marine grade oil pan, plus a selection of engine mounted and remote lube filters for installation flexibility and ease of maintenance

Cooling System – Single loop, low temperature aftercooling eliminates the need for two keel coolers and lowers emissions. Tube and shell heat exchanger designed for superior durability and ease of service with minimal maintenance requirements. Fan drive available for radiator cooled configurations

Air Intake System – Rear engine-mounted water cooled turbocharger from Cummins Turbo Technologies optimized for marine applications

Exhaust System – Cast water cooled exhaust manifold for lower surface temperatures, safety and improved performance

Electronics – 12v and 24v Quantum System electronics feature a proven ECM to monitor operating parameters such as fuel consumption, duty cycle, engine load and speed, while providing diagnostics, prognostics and complete engine protection. Simplified electrical customer interface box for all vessel connections to reduce installation complexity

Certifications – Complies with U.S. EPA Tier 3 emissions regulations without the use of aftertreatment. Designed to meet the International Association of Classification Societies (IACS) and SOLAS requirements. Consult your local Cummins professional for a complete listing of available class approvals.

Optional Equipment

- Front power take-off adapter
- Air and electric starting motors
- SAE A and B accessory drives available for auxiliary pumps
- Fully integrated type approved alarm and safety system
- C Command Connect

Cummins is a pioneer in product improvement. Thus specifications may change without notice. Illustrations may include optional equipment.

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