

# Water-Cooled Four-Stroke Diesel Engine for Generators

This water-cooled, four-stroke diesel engine is designed for use in backup power generators. It provides reliable power for industrial applications.

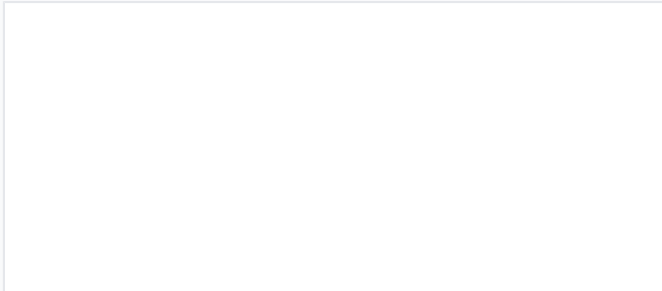


## Overview

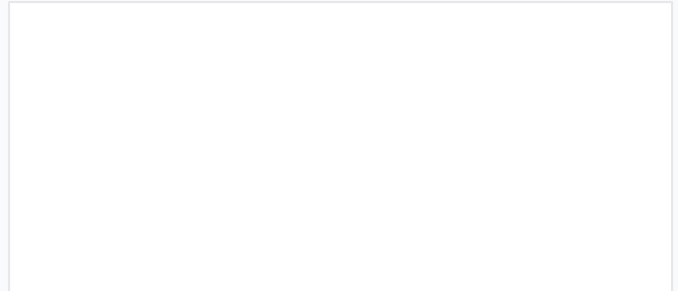
### High-Performance Diesel Engines for Power Generation

These water-cooled, four-stroke diesel engines are specifically engineered for critical back-up generators and industrial power sets. Designed for reliability and durability, the range covers multiple cylinder configurations and power outputs to suit various commercial needs. Each unit features a robust cooling system and advanced fuel filtration to ensure stable performance in demanding environments.

## Technical Configuration



A robust four-stroke configuration featuring an integrated fuel injection system and cooling fan.



Turbocharged variant designed for enhanced power output in generator applications.

### Engine Type

**4 Cycle**  
Stroke

### Cooling Method

Water-Cooled

### Available Models

QC380D, QC385D, QC480D, N485D, QC490D, QC4112ZLD, QC6112ZLD, 4JR3ABD

## Key Components

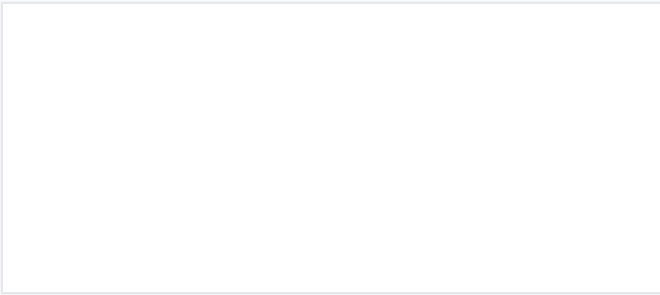


Heavy-duty model equipped with a high-capacity radiator and multi-stage fuel filtration.

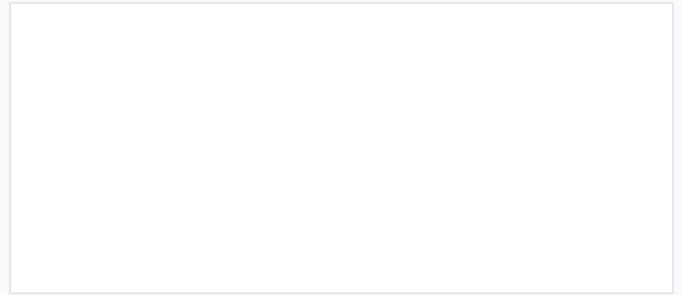
### Integrated Systems

- Radiator assembly for thermal management
- Multi-stage fuel filtration system
- Heavy-duty air intake filter
- Turbocharger (on select models)
- Belt-driven cooling fan
- Electric starter motor

## Maintenance & Reliability



Strategic arrangement of components ensures efficient operation and simplified maintenance.



Sturdy mounting brackets and accessible filtration systems for reliable industrial use.

### Maintenance Features

- External oil filter for easy access
- Replaceable fuel filter cartridges
- Sturdy mounting brackets for vibration dampening
- Clear labeling for service intervals

**Oil Filter Service Interval**

1000 hr

## Applications



Complete engine unit ready for integration into generator sets.

### Primary Usage

Back-up Generators • Industrial Power Sets • Emergency Power • Commercial Standby