

10HP Air-Cooled Diesel Engine

This 10HP diesel engine features an air-cooled system and direct fuel injection for efficient combustion. It is suitable for agricultural machinery, generators, and water pumps.



ADDITIONAL IMAGES



Overview

Reliable Power for Demanding Applications

These single-cylinder, 4-stroke diesel engines are engineered for high-performance operation in demanding environments. Featuring direct injection and forcible air-cooling, they offer robust power delivery for applications such as agricultural machinery, generators, and water pumps. Designed for versatility, they support both recoil and electric starting methods to ensure reliable operation in various field conditions.

Technical Specifications

Engine Model Comparison

Feature	QR178F	QR186FA
Displacement	296cc	418cc
Bore x Stroke	78 x 62 mm	86 x 72 mm
Max Output	4.0kW (5.4HP) / 4.4kW (6HP)	6.3kW (8.57HP) / 6.8kW (9.2HP)
Rated Output	3.7kW (5HP) / 4.0kW (5.4HP)	5.88kW (8HP) / 6.3kW (8.6HP)
Fuel Tank Capacity	3.5L	5.5L
Lube Capacity	1.1L	1.7L

Performance Metrics

280 g/kW-h

Fuel Consumption

3600 r/min

Max Engine Speed

Operational Details

Maintenance Guidelines

- Clean fuel filter every 500 hours
- Use CC grade lubricating oil
- Change lubricating oil every 100 hours
- Clean oil filter every 100 hours
- Run without load for several minutes to preheat

Starting Methods

Recoil Start, Electric Start

Dimensions

Physical Dimensions

Model	Engine Size (LxWxH)	Packing Size (LxWxH)
QR178F	421x383x450 mm	475x445x515 mm
QR186FA	441x417x494 mm	528x525x566 mm