

DC Refrigeration Compressor

This refrigeration compressor is designed for 12/24V DC power systems. It utilizes R134a refrigerant and is suitable for various refrigeration applications, offering reliable performance and energy efficiency.



Overview

High-Efficiency DC Refrigeration Compressor

The QDZH30G is a compact, high-performance DC refrigeration compressor engineered for demanding low-back-pressure (LBP) applications. Operating on 12/24V DC power, it is optimized for mobile or off-grid cooling systems using R134a refrigerant. Its variable rotation speeds ensure flexible performance tailored to specific cooling requirements while maintaining high energy efficiency standards.

Technical Specifications

Model	QDZH30G
Power Supply	12/24V DC
Refrigerant	R134a
Displacement	3 cm ³
Oil Charge	160 ml
Cooling Method	FC

Performance Data

Performance Metrics by RPM

Rotate Speed (rpm)	Capacity (W)	COP (W/W)
2000	51.6	1.05
2500	63.6	1.05
3000	74.4	1.06
3500	86.4	1.04

Compliance

Certifications	CE
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