

Mini Refrigeration Compressor

This compact refrigeration compressor is designed for LBP/HBP/BLDC applications. It is compatible with R134a, R600a, and R290 refrigerants and suitable for household refrigerators and refrigeration equipment.



Product Overview

Compact Refrigeration Power

This high-efficiency mini compressor, model DM14H, is specifically engineered for compact refrigeration applications such as car refrigerators. It features a robust BLDC motor and is optimized for low back pressure (LBP) operations. With a flexible voltage range of 12-24V and adjustable performance profiles, it provides reliable cooling solutions for mobile and small-scale refrigeration equipment.

Technical Specifications

Model Number	DM14H
Motor Type	BLDC
Refrigerant	R134a
Displacement	1.4 cm ³
Voltage Range	12-24V
Classification	LBP (Low Back Pressure)

Performance Metrics

Cooling Capacity & Efficiency

Speed (RPM)	Cooling Capacity (W)	COP
2000	14	0.85
2500	20	0.9
3000	26	0.95
3500	32	0.96
4000	38	0.96

Certifications

Industry Certifications

CE • RoHS • CB • UL • cULus • CCC • VDE • INMETRO • ISO 9001 • CQC