

Huayi HYE55YL63 and ZMC EGM60AF

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Huayi HYE55YL63 and ZMC EGM60AF are two industry-standard 1/5 HP compressors used in domestic refrigerators. While both utilize R134a refrigerant, they differ in displacement and oil capacity. This technical review compares their performance curves and cooling capacities to help technicians select the ideal replacement for Kiriazi and other 14-foot refrigerators.

compressors: L58CZ1 (1/6HP), L65CZ1 (1/5HP), L72CZ1 (1/4HP), K270CZ1 (1/3HP), and K375CZ1 (1/2HP)

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



Donper has established itself as a powerhouse in the hermetic compressor industry, providing reliable cooling solutions for domestic and light commercial applications. This technical analysis explores the R134a L and K series, ranging from 1/6 HP to 1/2 HP, offering engineers and technicians the critical data needed for successful repairs and system optimizations.

Compressor, Matsushita, D77C18RAX5, 1/4 hp, Panasonic

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Matsushita D77C18RAX5 is a legendary 1/4 HP refrigerator compressor optimized for R134a refrigerant. Known for its robust RSIR motor and 7.7cc displacement, it delivers 195W of cooling power for domestic freezers and refrigerators. This guide provides full technical data, wiring details, and the best professional cross-reference replacements for modern refrigeration repair.

Huayi HYE69Y63 Compressor 1/5 HP R134a LBP

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Huayi HYE69Y63 is a highly efficient hermetic reciprocating compressor designed for low back pressure applications using R134a refrigerant. With a 1/5 HP rating and dual-frequency compatibility (50/60Hz), this motor is a cornerstone for domestic refrigerators and freezers. This comprehensive guide covers technical datasheets, electrical wiring, and professional replacement strategies for global cooling systems.

GMCC PE75H1C Compressor 1/4 HP R134a LBP

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The GMCC PE75H1C is a robust hermetic reciprocating compressor engineered for low back pressure applications using R134a refrigerant. Operating at 220-240V 50Hz, this 1/4 HP motor provides a cooling capacity of approximately 185W. This article provides technical datasheets, electrical wiring schemas, and professional cross-reference guides for global refrigeration maintenance and engineering.

Compressor, Konor, GPY16AF, 1/2 HP, R134a, LBP

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Konor GPY16AF is a robust hermetic reciprocating compressor engineered for low back pressure applications using R134a refrigerant. With a displacement of 16.2 cm³, this 1/2 HP unit is a staple in commercial freezers and large refrigerators. This guide provides detailed technical data, wiring diagrams, and professional cross-reference options for field technicians.

Excellent Compressor GS91AZ 1/3 HP R134a 9.1cc

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Excellent Compressor GS91AZ has established itself as a robust solution for engineers and technicians looking for a durable replacement in various cooling appliances. Designed specifically for Low Back Pressure (LBP) applications, this reciprocating unit balances power and energy savings, making it a staple in the high-performance refrigeration and cooling sector.

L55AV and QD59H Refrigerator Compressor

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The L55AV and QD59H are cornerstone compressors in the domestic refrigeration industry, both rated at 1/6 HP. While the L55AV traditionally operates with R12, the QD59H is the modern R134a standard. This article provides deep technical data, electrical wiring diagrams, and professional comparison tables for field technicians and refrigeration engineers seeking reliable data.

Compressor, Kiriazi Refrigerator, KM 33, L

310, 1/5 hp

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Kiriazi KM 33 and L 310 refrigerators represent the pinnacle of tropical cooling engineering, designed to withstand extreme ambient temperatures while maintaining peak efficiency. Utilizing R134a refrigerant and a robust 1.1A compressor, these units are a staple for technicians requiring reliable performance data for maintenance and compressor replacement in high-heat environments.

Danfoss Secop BD35F 101Z0200 DC compressor technical specifications and 12V 24V, 1/8 hp

Category: Refrigeration

written by www.mbsmpro.com | January 23, 2026



The Danfoss Secop BD35F 101Z0200 is the industry standard for DC mobile refrigeration. Engineered for 12V and 24V systems using R134a, this compressor offers variable speed performance from 1/8 to 1/5 hp. This Mbsmpro technical guide explores its electronic control unit, wiring schemas, and cooling capacities for trucks, boats, and solar-powered appliances.