ZMC EGM77AA1 and Daewoo HSL25YE-5 Compressor Comparison and Technical Specifications

Category: Refrigeration
written by www.mbsm.pro | 15 February 2026

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When a refrigerator stops cooling, the heart of the problem is often the compressor. Understanding the differences between the ZMC EGM77AA1 and the Daewoo HSL25YE-5 is vital for any technician. These R134a units are staples in the industry, offering reliable low back pressure performance for domestic and light commercial cooling systems worldwide.

Secop TLX5.7KK.3 compressor specifications R600a LBP freezing applications 95W cooling capacity replacement guide hydrocarbon refrigerant

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When you open your refrigerator door on a warm summer day, you expect crisp vegetables and cold drinks waiting inside. Behind that consistent, reliable performance lies a critical yet often overlooked component: the hermetic refrigeration compressor. In compact household refrigeration units across the globe, the Secop TLX5.7KK.3 compressor has quietly earned a strong reputation for dependable, energy-efficient operation while fully embracing the industry’s essential shift toward eco-friendly hydrocarbon refrigerants such as R600a.

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spera J7238GE Compressor 1.5 HP R407C HBP Technical Specifications and Performance Data

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The Aspera J7238GE is a powerhouse in the commercial cooling sector. Delivering 1.5 HP of performance using R407C refrigerant, this Slovakia-built compressor is designed for High Back Pressure applications. With a 32.7 cc displacement and a robust CSR motor, it provides reliable cooling for large-scale industrial chillers and commercial walk-in refrigeration systems worldwide.

Cubigel ML90FB 1/3 HP R404A LBP Compressor Specifications, Performance, and Replacements

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The Cubigel ML90FB stands out as a reliable workhorse in the world of commercial refrigeration, particularly for low-temperature applications where consistent performance is key. Manufactured in Spain by Huayi Compressor (formerly part of the ACC Electrolux group), this hermetic reciprocating compressor is designed for low back pressure (LBP) operations, making it ideal for freezers and deep cooling systems that demand robust freezing capabilities. With a displacement of 8.86 cm^3 and a 1/3 horsepower rating, it delivers solid cooling power while maintaining efficiency in demanding environments.

Panasonic OB66C13GLX5 compressor 1/5 HP LBP R134a freezing -30°C to -10°C 150W 220-240V 50Hz RSIR thermally protected efficiency tips

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I've pulled my share of compressors out of fridges in the dead of winter, and the Panasonic OB66C13GLX5? It's the unsung hero of small-scale freezing systems. Last month, I fixed a busted under-counter freezer in a Brooklyn bodega—the kind that keeps those frozen dumplings rock-solid.

HUAYI HYE55Y63 compressor 1/5 HP R134a LBP freezing application -30°C to -10°C 150W 1.3A 220-240V replacement for small freezers and medical units

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You know that sinking feeling when your freezer stops holding that deep freeze? It’s often the compressor that’s the culprit. For many small commercial and residential freezers, the HUAYI HYE55Y63 compressor is the unsung hero keeping things icy cold. As a field technician who’s fixed hundreds of these units, I can tell you this little powerhouse is built for the long haul.

VMU1113Y Compressor 1/5 HP LBP

Freezing R600a 230V 150W Cooling Capacity Technical Specs Replacement Models Expert Guide

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The VMU1113Y compressor isn’t just another box on a shelf. It’s the unsung hero in small-scale freezing systems—think under-counter freezers, ice makers, or compact commercial display cases where reliability at sub-zero temps matters.

Forget generic specs; this is what actually works when you’re knee-deep in a service call at 2 a.m.

TH271-FS-316 compressor replacement R134a 1/5 HP LBP specs Embraco EGU 90HLP Tecumseh CDR3545Z field-tested COP metrics technician guide

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Replacing a TH271-FS-316 compressor demands precision you won’t find in generic manuals. This field-tested guide details verified specs, COP performance across evaporating temps, and 10+ compatible replacements. I’ve seen too many technicians skip oil compatibility checks—let’s fix that today.

KIRIAZI E 335 N/3 compressor replacement Embraco EGU 90HLP R134a

LBP specs performance metrics compatible alternatives technician guide

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Replacing the compressor in a KIRIAZI E 335 N/3 No-Frost refrigerator demands precision. This field-tested guide details the Embraco EGU 90HLP specification profile, performance metrics across evaporating temperatures, verified R134a-compatible alternatives, and critical installation considerations every technician should know before opening the sealed system.

Jiaxpera T1116Y compressor specs 1/5 HP LBP R600a 220-240V 184W 10.5 cm3 mini fridge replacement

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The Jiaxpera T1116Y stands out as a reliable 1/5 HP hermetic piston compressor built for low back pressure (LBP) applications in mini fridges and small freezers. It runs on R600a refrigerant with a 10.5 cm³ displacement, delivering 184W cooling capacity at -23.3°C.