

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

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | February 15, 2026



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.

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## How many cubic feet can LJ118CY1 compressor cooling ?

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The Donper LJ118CY1 is a high-performance 1/4 HP hermetic compressor designed for domestic refrigerators using R600a refrigerant. Known for its efficiency and quiet operation, it features a displacement of 11.8cc and a cooling capacity of 198W at -23.3°C. This article provides technical details, wiring diagrams, and compatible replacement models for professional technicians.

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# [The Cooling Workhorse: Deep Dive into the Danfoss NL7.3FT Compressor](#)

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The Danfoss NL7.3FT is a cornerstone of domestic and light commercial refrigeration. Engineered for Low Back Pressure (LBP) applications using R134a refrigerant, this 1/4 HP unit offers reliability and high efficiency. In this guide, we break down the technical displacement, cooling capacity, and provide a comprehensive list of compatible replacements to ensure your cooling systems stay operational.

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## [MAQ QD168H, Can this compressor be installed in a 1.5-meter two-door refrigerator?](#)

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The MAQ QD168H is a high-performance 1/4 HP hermetic compressor designed for R134a refrigerant systems. Ideal for domestic refrigerators and freezers, it offers a cooling capacity of approximately 195W. This article provides a deep dive into its electrical characteristics, displacement, and compatible replacements to ensure a professional and efficient cooling system repair or build.

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# [Working with the Samsung MSV4A1A-L1B: A Field Tech's Guide](#)

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The Samsung MSV4A1A-L1B is a high-efficiency inverter compressor specifically engineered for R600a residential refrigeration systems. Operating between 54Hz and 216Hz, this 1/4 HP BLDC unit provides variable cooling capacity for premium side-by-side refrigerators. This professional guide covers essential technical specifications, diagnostic resistance checks, and critical installation protocols for modern refrigeration artisans.

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# [TEE NTU 170 MT Compressor 1/4 HP R600a](#)

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The TEE NTU 170 MT is a high-efficiency hermetic reciprocating compressor designed for low back pressure applications using R600a refrigerant. Known for its reliability in household refrigeration, this unit operates at 220-240V 50Hz. This article explores its technical specs, cooling capacity, and suitable replacements for HVAC technicians and engineers worldwide.

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# [Technical Comparison: ZEL HDL200A vs. Huaguang ATA72XL](#)

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technical comparison between two common refrigerator compressors: the ZEL HDL200A and the Huaguang (Wanbao) ATA72XL. We will examine their specifications and address the critical question: Can one be used as a replacement for the other?

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## [Compressor, Jiaxipera, TT1113GY, 1/5 hp](#)

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The Jiaxipera TT1113GY is a high-performance hermetic compressor engineered for Low Back Pressure applications using R600a (Isobutane). Featuring a 11.3 cm<sup>3</sup> displacement and a cooling capacity of 183 Watts, it represents the gold standard for modern energy-efficient refrigeration, offering exceptional reliability and reduced acoustic emissions in the domestic market.

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## [Embraco EM2Z 80HL.C compressor requires](#)

# approximately 150 ml Oil

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The Embraco EM2Z 80HL.C is a robust hermetic reciprocating compressor engineered for refrigeration efficiency. Featuring a 1/4 HP motor and optimized for R134a refrigerant, this Brazilian-made unit delivers reliable Low Back Pressure (LBP) performance. This guide details its 150ml oil charge, electrical specs, and competitive advantages for technicians.