Mbsmpro.com, Compressor, FMXY9C, 1/5 hp, Inverter, Fullmotion, R600a, 230V 43-134Hz, LBP, Variable Speed, High Efficiency

Category: Refrigeration
written by www.mbsm.pro | 27 January 2026



The Embraco FMXY9C is a high-efficiency inverter compressor designed for modern R600a refrigeration systems. Operating at variable speeds between 43Hz and 134Hz, this unit offers superior energy savings. This guide provides technical specifications, diagnostic protocols for technicians, and a list of compatible replacements to ensure a professional-grade repair every single time.

Embraco EGAS and EM Series

Category: Refrigeration
written by www.mbsm.pro | 27 January 2026



Master Embraco EGAS & EM series compressors with this pro guide. Covers specs for EGAS 80/90/100, EM 30/45/55, failure diagnosis, and expert replacement tips.

not recommended to replace compressor (Jiaxipera N1113Y) with (ACC HTK70AA).

Category: Refrigeration
written by www.mbsm.pro | 27 January 2026



Selecting the right compressor for a refrigeration system is critical for long-term performance and energy efficiency. When replacing a Jiaxipera N1113Y, simply matching the refrigerant type is not enough. This guide breaks down the technical differences between the N1113Y and the ACC HTK70AA, providing the essential data for professional technicians and refrigeration engineers.

Stay away from 4 washing machines: Kiriazi, Candy, GMC, White Whale

Category: Global Electric
written by www.mbsm.pro | 27 January 2026



A washing machine is a long-term engineering investment. From a field technician’s perspective, choosing the right brand depends on mechanical durability and electronic stability. While brands like Kiryazi, Candy, GMC, and White Whale are popular, they often face structural oxidation and PCB failures. This article analyzes why LG, Samsung, and Bosch are technically superior.

The ZMC EGM60AF compressor can be installed on a Toshiba 14-inch refrigerator

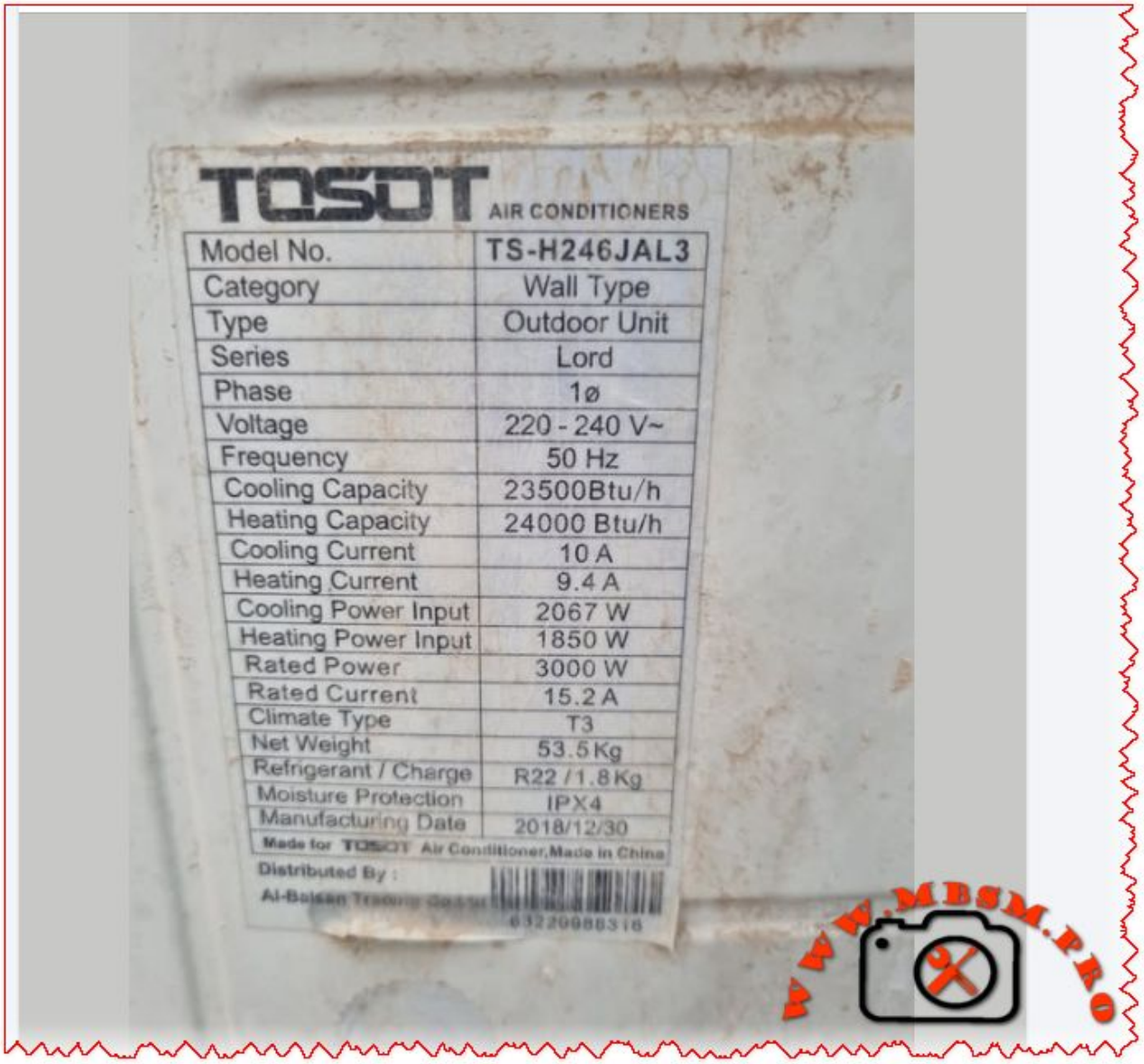
Category: Refrigeration
written by www.mbsm.pro | 27 January 2026



The ZMC EGM60AF is a high-performance hermetic compressor designed for low back pressure applications in domestic refrigeration. Engineered with precision in Egypt, this 1/6 HP unit operates on R134a refrigerant and is tailored for 220-240V 50Hz power systems. It offers a reliable cooling solution for small to medium household refrigerators and upright freezers worldwide.

TOSOT TS-H246JAL3

Category: air conditioner
written by www.mbsm.pro | 27 January 2026



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The TOSOT TS-H246JAL3 is a high-performance 2-ton outdoor air conditioning unit from the Lord Series, specifically engineered for T3 tropical environments. Delivering 23,500 BTU/h of cooling power, this R22-based system is a staple for technicians requiring reliability in extreme heat. This article provides full technical specifications and professional cross-reference guides.

Mbsm.pro, Copeland Compressor RS80C1E-CAZ-252, 1 HP, R134a Refrigerant, 220-240V Single Phase 50Hz, RSIR Motor, LBP Low Temperature Freezing Application, Hermetic

Reciprocating Technology

Category: compressor
written by www.mbsm.pro | 27 January 2026

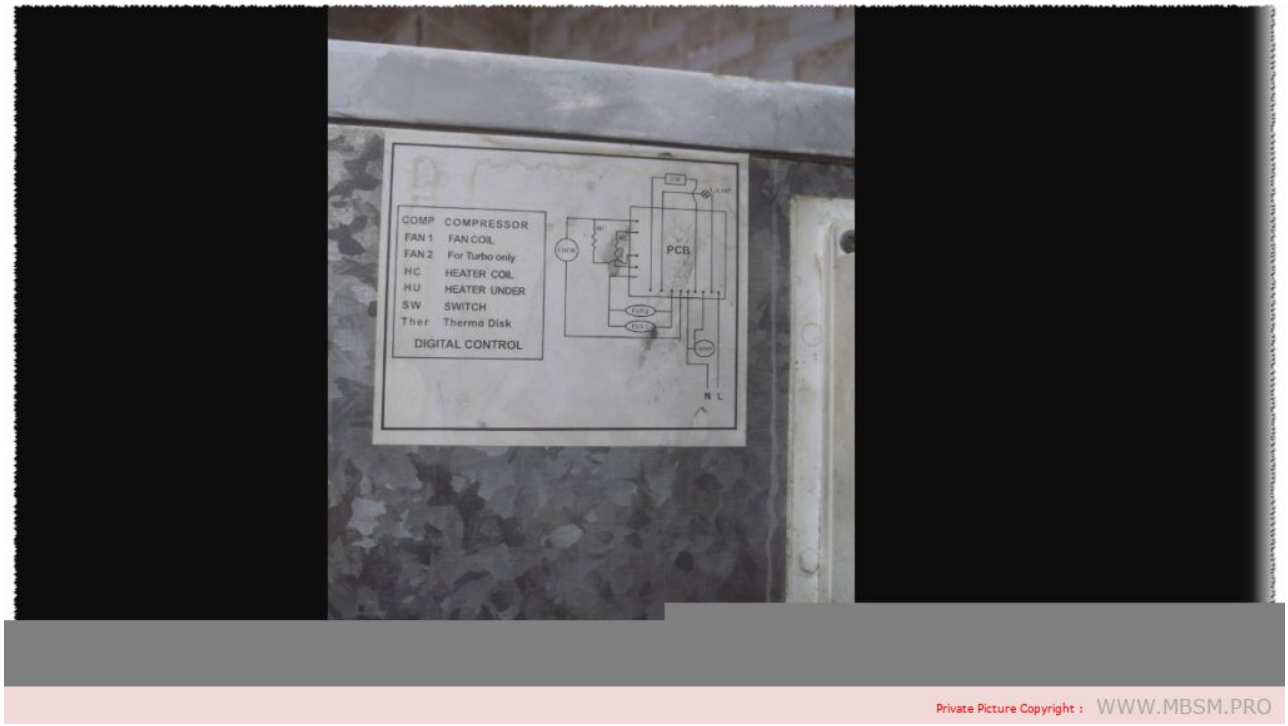


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The Copeland RS80C1E-CAZ-252 represents a specialized hermetic reciprocating compressor engineered for low-temperature refrigeration applications where reliability meets efficiency. This single-phase unit operates on R134a refrigerant and delivers consistent performance in demanding freezing environments ranging from -30°C to -10°C evaporating temperatures. Operating at 220-240V single-phase 50Hz power supply, this unit draws approximately 5 amperes during normal operation, making it suitable for standard commercial electrical systems.

Huayi HYE55YL63 and ZMC EGM60AF

Category: Refrigeration
written by www.mbsm.pro | 27 January 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.mbsm.pro | 27 January 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, HUAYI, HYS55, HYS60, HYE81, HYE90, 1/6 hp, 1/5 hp, 1/4 hp, LBP, R134a, R600a

Category: Refrigeration
written by www.mbsm.pro | 27 January 2026



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The HUAYI compressor lineup, featuring the HYS and HYE series, is a cornerstone in modern domestic refrigeration. These Low Back Pressure units utilize R134a and R600a refrigerants to provide efficient cooling for household freezers and refrigerators. Designed for durability and high performance, they offer professional-grade solutions for various cooling capacities from 1/10 to 1/3 horsepower.