

[Jiaxipera NX1122Y R600a Compressor 1/4 hp Specs and Replacement](#)

Category: Refrigeration

written by www.mbsmpro.com | February 20, 2026



The Jiaxipera NX1122Y is a high-efficiency 1/4 HP compressor designed for modern R600a refrigeration systems. Commonly used in Whirlpool and Indesit appliances, it offers roughly 200W of cooling capacity at LBP conditions. This guide covers its full technical specifications, COP efficiency data, and provides a comprehensive list of compatible replacement models for technicians and DIY repair.

[Cubigel GLY21RG R134a 5/8 HP Commercial Compressor Specifications and Replacement Guide](#)

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The Cubigel GLY21RG is a robust 5/8 HP commercial compressor designed for R134a systems. Operating in the MBP/HBP range with a 20.72 cc displacement, it offers high cooling capacity for display cases and reach-in coolers. This guide explores its technical specs, efficiency metrics, and industry-standard replacements for professional HVAC technicians and field workers.

[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.

[Secop TLES6FT.3 Compressor Technical Specifications, Cooling Capacity, and R134a Replacement Guide for Refrigeration Professionals](#)

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The Secop TLES6FT.3 is a high-efficiency hermetic reciprocating compressor designed specifically for Low Back Pressure (LBP) applications. Operating on R134a refrigerant, this 1/6 HP powerhouse is a staple in domestic refrigeration. This guide breaks down its technical performance, electrical characteristics, and provides reliable replacement options for field workers and engineers looking

for precision.

Secop TLES6FT.3 R134a 1/5 HP LBP Compressor Specifications and Replacement Guide

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The Secop TLES6FT.3 is a cornerstone of modern domestic refrigeration. This 1/5 HP, R134a compressor is engineered in Slovakia for Low Back Pressure applications, offering a cooling capacity of 149W. Known for its quiet operation and energy efficiency, it is the ideal choice for medium-sized refrigerators and deep freezers looking for long-term reliability.

ZMC GL90TB Compressor Technical Specifications and R134a Replacement Guide

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The ZMC GL90TB is a high-performance 1/4 HP compressor designed for High Back Pressure (HBP) commercial refrigeration. Operating on R134a with a 220-240V supply, it offers a cooling capacity of approximately 2800 BTU/h. This article provides technical specs, COP efficiency metrics, and direct replacement models for professional HVAC technicians and industrial cooling experts.

Engineering Overview: The S118CY1 Architecture

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The Donper S118CY1 compressor is a cornerstone of modern domestic refrigeration, engineered for high efficiency in Low Back Pressure (LBP) environments. Utilizing R600a refrigerant, this 1/4 HP unit provides reliable cooling for large household refrigerators and freezers. This guide explores its technical parameters, electrical requirements, and the best cross-reference alternatives for field technicians.

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

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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.

[Huayi HYE55YL63 and ZMC EGM60AF](#)

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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.

[Compressor, Konor, GPY16AF, 1/2 HP, R134a, LBP](#)

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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.