

[VMU1113Y Compressor 1/5 HP LBP Freezing R600a 230V 150W Cooling Capacity Technical Specs Replacement Models Expert Guide](#)

Category: Refrigeration

written by www.mbsmpro.com | February 11, 2026



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.

[Panasonic QB110C25CAX0 1/3 HP Compressor Specifications and Replacement](#)

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The Panasonic QB110C25CAX0 is a high-performance 1/3 HP reciprocating compressor designed for Low Back Pressure (LBP) applications. Operating on R134a refrigerant, it delivers 280W of cooling capacity at -23.3°C , making it ideal for large domestic freezers and commercial coolers. This guide provides technical data, COP efficiency tables, and compatible replacement models for technicians.

[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.

LG MA57LBJG Compressor 1/6 HP R134a LBP Technical Specifications and Replacements

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The LG MA57LBJG is a high-performance 1/6 HP compressor designed for R134a refrigerant in Low Back Pressure (LBP) applications. Ideal for domestic freezers, it delivers 160W of cooling capacity at -23.3°C. This guide provides comprehensive technical data, winding details, and a full cross-reference list for professional refrigeration technicians and engineers.

Panasonic QB86C18GAX5: The Reliable Powerhouse of Tropical Refrigeration

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The Panasonic QB86C18GAX5 is a 1/4 HP reciprocating compressor engineered for high-efficiency Low Back Pressure (LBP) applications. Using R134a refrigerant and a displacement of 8.6cc, it delivers a cooling capacity of 201W. This guide provides technicians with essential technical data,

including amperage, displacement, and a comprehensive cross-reference list for modern repairs.

[Mastering the LG KX69LBEG: The Heart of Modern Domestic Refrigeration](#)

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The LG KX69LBEG is a high-performance 1/5 HP reciprocating compressor designed for Low Back Pressure (LBP) domestic refrigeration. Operating on R134a refrigerant at 220-240V/50Hz, this thermally protected unit is the standard for LG's cooling reliability. In this guide, we break down its displacement, amperage, and provide a comprehensive list of equivalent replacement models.

[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.

[The Technician's Take on the Matsushita QA77C17GAX5](#)

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The Matsushita QA77C17GAX5 is a workhorse in the refrigeration world. This 1/4 HP R134a compressor is a go-to for many household fridges and freezers. In this guide, we break down the technical specs, electrical wiring, and the most reliable replacement options to help you get your cooling system back up and running fast.

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

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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.