

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

Category: Refrigeration

written by [www.mbsm.pro](http://www.mbsm.pro) | 12 February 2026



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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.

# 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.

## Jiaxipera TT1114GY R600a compressor technical specifications and high-efficiency replacement guide for professional HVAC technicians

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The Jiaxipera TT1114GY is a cornerstone of modern eco-friendly refrigeration, utilizing R600a isobutane to deliver high-efficiency cooling in household appliances. Designed for Low Back Pressure (LBP) applications, this 1/5 HP unit

provides a cooling capacity of 168W at standard evaporating temperatures. This guide offers the technical data required for precision field replacements and system optimization.

## I installed a 2-meter capillary tube. Is this a reason for ice buildup on the suction line?

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Troubleshooting frost on a refrigerator's suction line requires a deep understanding of pressure drops. If a 2-meter capillary tube was recently

installed, it might be the primary culprit behind liquid floodback. This article explores the technical relationship between expansion device length, refrigerant flow, and the critical balance needed to protect the compressor from terminal damage.

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## Jiaxipera VMH1111Y Inverter Compressor R600a

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The Jiaxipera VMH1111Y is a high-efficiency variable-speed inverter compressor optimized for R600a refrigerant. Operating between 22Hz and 75Hz, it offers a 1/5 HP equivalent output, making it the preferred choice for premium Sharp and Toshiba refrigerators. This guide breaks down its electrical characteristics, COP efficiency metrics, and professional field-tested replacement alternatives for modern cooling systems.

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## Samsung RT47CB663222 Compressor Specifications R600a 1/5 HP Cooling Capacity Inverter Refrigerator Spare Parts

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written by [www.mbsm.pro](http://www.mbsm.pro) | 12 February 2026



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This technical guide explores the Samsung RT47CB663222 refrigerator, a high-efficiency 460-liter unit utilizing R-600a refrigerant. Operating on a 220-240V 50Hz supply, this inverter-driven system is designed for Low Back Pressure applications. We break down the motor characteristics, displacement, and provide a comprehensive list of equivalent replacement compressors for modern field service and professional repairs.

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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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## 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.

# Engineering Overview: The S118CY1 Architecture

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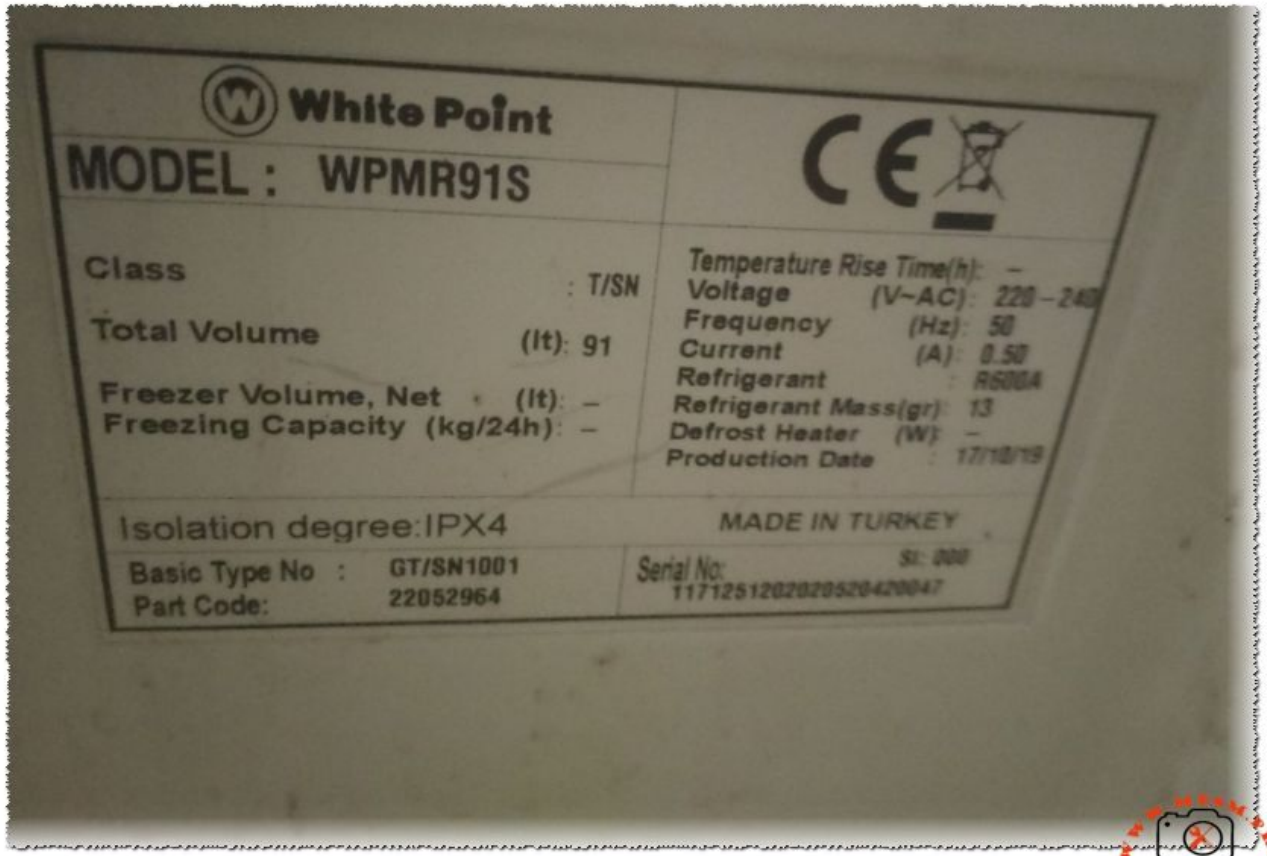
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The Donper S118CY1 compressor is a cornerstone of modern domestic refrigeration, engineered for high efficiency in Low Back Pressure (LBP) environments. Utilizing R600a refrigerant, this 1/4 HP unit provides reliable cooling for large household refrigerators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

# WPMR91S, the refrigerator requires exactly 13 grams of R600a refrigerant.

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The White Point WPMR91S is a high-efficiency 91-liter refrigerator utilizing a specialized 13-gram R600a refrigerant charge. Operating at 0.50A, this Turkish-made unit is designed for optimal LBP performance. This guide provides comprehensive technical specifications, compressor cross-references, and engineering insights for professional technicians and hobbyists looking for reliable maintenance data and replacement parts.