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

Category: Mbsmpro,Refrigeration
written by www.mbsm.pro | 7 February 2026




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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.

# Siberia GFF93AA Compressor 1/3+ hp R134a 270W Technical Specifications and Professional Replacements Review

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The heart of any reliable industrial or home refrigerator is the compressor. The Siberia GFF93AA stands out as a high-displacement 1/3+ HP unit featuring genuine copper windings and a massive wide-voltage tolerance from 160V to 260V. For technicians working in harsh power zones, this R134a unit provides 270W of efficient, stable cooling power…

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# Jiaxipera TT1113GY Compressor 1/5 HP R600a technical specifications and

# professional replacement guide for domestic refrigeration and freezing systems

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The Jiaxipera TT1113GY is a cornerstone of modern domestic refrigeration, operating as a 1/5 HP Low Back Pressure compressor optimized for R600a refrigerant. This high-efficiency unit is widely used in household refrigerators and freezers, offering a cooling capacity of 155 Watts. This guide covers all essential technical data, electrical characteristics, and professional replacement options.

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# 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.

# 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.

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# What is the best type of washing machine available on the market in

# terms of cleaning performance, easy maintenance, and long lifespan?

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Selecting a washing machine in 2026 requires balancing advanced technology with mechanical endurance. This professional guide evaluates the market’s leading brands—LG, Bosch, and Samsung—based on cleaning efficiency, ease of repair, and structural longevity. We break down the engineering behind Direct Drive motors and high-build quality chassis to help you make an investment that lasts.

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# Jiaxipera JM1080Y Compressor 1/8 hp

# R600a, capillary 0.028 2.5m

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The Jiaxipera JM1080Y is a high-performance 1/8 hp compressor specifically designed for R600a refrigerant in domestic LBP applications. With a cooling capacity of 100W and a displacement of 6.2 $cm^3$, it provides a quiet, energy-efficient solution for modern refrigerators. This guide covers technical data, performance metrics, and professional field advice for technicians

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# Donper ETK130L Compressor 1/4 HP R600a LBP Specifications and Professional Technical Guide for Refrigeration Engineers

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The Donper ETK130L compressor is a high-efficiency 1/4 HP unit designed for low back pressure applications using R600a refrigerant. This article provides a comprehensive technical breakdown, including cooling capacity, electrical schematics, and cross-reference replacements. Ideal for technicians and engineers seeking precise data for maintenance and system optimization in domestic and light commercial refrigeration.

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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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# Secop ES7FT.4 Compressor 1/5 HP R134a Technical Specifications and Replacements

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The Secop ES7FT.4 is a high-efficiency 1/5 HP hermetic compressor engineered for R134a LBP applications. With a displacement of 5.70 cm³ and a cooling capacity of 147W at -23.3°C, it is an ideal choice for tropical refrigeration. This guide provides full technical data, COP metrics, and professional replacement cross-references for HVAC technicians.