

Secop TLX5.7KK.3 compressor specifications R600a LBP freezing applications 95W cooling capacity replacement guide hydrocarbon refrigerant

Category: Refrigeration

written by www.mbsm.pro | 13 February 2026



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When you open your refrigerator door on a warm summer day, you expect crisp vegetables and cold drinks waiting inside. Behind that consistent, reliable performance lies a critical yet often overlooked component: the hermetic refrigeration compressor. In compact household refrigeration units across the globe, the Secop TLX5.7KK.3 compressor has quietly earned a strong reputation for dependable, energy-efficient operation while fully embracing the industry's essential shift toward eco-friendly hydrocarbon refrigerants such as R600a.

Jiaxpera T1116Y compressor specs 1/5 HP LBP R600a 220-240V 184W 10.5 cm³ mini fridge replacement

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The Jiaxipera T1116Y stands out as a reliable 1/5 HP hermetic piston compressor built for low back pressure (LBP) applications in mini fridges and small freezers. It runs on R600a refrigerant with a 10.5 cm³ displacement, delivering 184W cooling capacity at -23.3°C.

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.

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 cm³, it provides a quiet, energy-efficient solution for modern refrigerators. This guide covers technical data, performance metrics, and professional field advice for technicians

Technical Deep Dive: The LG FMA102NAMA Inverter Compressor

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The LG FMA102NAMA is a sophisticated inverter compressor engineered for modern energy-efficient refrigeration systems. Utilizing R600a refrigerant and a variable frequency BLDC motor, this unit provides precise cooling for Low Back Pressure (LBP) applications. Manufactured by Taizhou LG Electronics in China, it features advanced thermal protection and a robust 0-220V 60Hz operating range.

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Working with the Samsung MSV4A1A-L1B: A Field Tech's Guide

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The Samsung MSV4A1A-L1B is a high-efficiency inverter compressor specifically engineered for R600a residential refrigeration systems. Operating between 54Hz and 216Hz, this 1/4 HP BLDC unit provides variable cooling capacity for premium side-by-side refrigerators. This professional guide covers essential technical specifications, diagnostic resistance checks, and critical installation protocols for modern refrigeration artisans.

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Compressor, STU 120 MT, 1/6 hp

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TEE STU 120 MT U252-00 is a hermetic reciprocating compressor from Türk Elektrik designed for domestic refrigerators using R600a refrigerant at low back pressure. It operates on 220-240 V, 50 Hz single-phase supply and delivers around 1/6 hp class cooling capacity, ideal for compact fridges and small freezers.

Mbsm.pro, Compressor, BTF60AA, 1/7 hp, r600a, lbp, Serbian Compressor, serie T, from 180 L to 200 L, from 70 to 75 W

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Discover the detailed specifications and performance parameters of Siberia compressors, including the T Series, F Series, and S Series. Learn about their cooling capacities, refrigerant compatibility, and energy efficiency to determine the ideal compressor for your refrigeration needs. This guide also provides insights into installation requirements, packaging details, and special considerations for R600a and R134a compressors