

# [Danfoss Secop SLV15CNK / SLV15CNK.2 – Complete Technical Review & Replacement Guide](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



The Danfoss Secop SLV15CNK is a variable-speed LBP hermetic compressor running on R290 propane refrigerant, designed exclusively for commercial freezing applications. With a 15.28 cm<sup>3</sup> displacement, permanent magnet TRI motor, and mandatory SLV electronic controller, it powers chest freezers and display cases across retail worldwide — including AHT deep freezer cabinets.

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## [Danfoss SLV15CNK R290 compressor specifications, replacement guide, technical data, cooling capacity, inverter compressor LBP freezer commercial refrigeration](#)

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written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



The Danfoss SLV15CNK is a sophisticated variable-speed compressor running on natural refrigerant R290. Designed for commercial freezing applications from -40°C to -10°C, this 15.28 cm<sup>3</sup> inverter compressor requires a dedicated SLV controller and delivers 393-858W cooling capacity depending on operating speed and temperature conditions.

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# [Jiaxipera VMH1111Y Inverter Compressor R600a](#)

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written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



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.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



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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# [Technical Deep Dive: The LG FMA102NAMA Inverter Compressor](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



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](#)

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



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, LG, BMH089NHMV, 1/4 hp**

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written by [www.mbsmpro.com](http://www.mbsmpro.com) | March 11, 2026



The LG BMH089NHMV is a 1/4 HP inverter compressor utilizing R600a refrigerant for high-efficiency refrigeration. With a variable speed range of 60-225 Hz and a displacement of 8.9 cc/rev, this BLDC motor unit provides precise cooling capacity up to 188W, making it ideal for modern household and commercial LBP applications.