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

Category: Refrigeration
written by www.mbsm.pro | 31 January 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.

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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not recommended to replace compressor (Jiaxipera N1113Y) with (ACC HTK70AA).

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Selecting the right compressor for a refrigeration system is critical for long-term performance and energy efficiency. When replacing a Jiaxipera N1113Y, simply matching the refrigerant type is not enough. This guide breaks down the technical differences between the N1113Y and the ACC HTK70AA, providing the essential data for professional technicians and refrigeration engineers.