

[AC vs DC Refrigerator Compressors](#)

Category: Refrigeration

written by www.mbsmpro.com | January 2, 2026



DC inverter refrigerator compressor vs AC compressor energy efficiency, noise level, temperature control, digital inverter technology, home and commercial cooling - Mbsmpro.com

[Samsung SD162H-L4UA S01, hermetic , compressor](#)

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Samsung SD162H-L4UA R134a 1/5 HP refrigerator compressor 200-220V 50Hz 220V 60Hz technical data, specifications, performance tables, comparisons and replacement guide

[Maneurop MTZ160HW4VE](#)

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Maneurop MTZ160HW4VE 13 hp reciprocating compressor R404A R507A R134a R407C 20.3 kW medium temperature cold room applications

[Copeland KCE444HAG hermetic compressor](#)

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Copeland KCE444HAG Compressor, 3/8 Hp, R134a, 230V 50Hz - Technical Specs and Water Cooler Applications

[LG BMG110NHMV Inverter Compressor](#)

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LG BMG110NHMV inverter compressor R600a 1/4 hp 220-240V 50/60Hz LBP performance table and comparison with BMG110NAMV and fixed-speed R600a models

[GMCC PE90HME-4 hermetic compressor](#)

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GMCC PE90HME-4 R134a refrigerator compressor 220-240V 50/60Hz 265-295 W LBP RSCR motor comparison with PE65H1H-9 and PE90H1F-9 models

[Compressor Windings, CSR Terminals](#)

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compressor windings CSR pin configuration common start run terminals, PTC relay overload wiring and multimeter resistance testing guide

[Danfoss FR10B 103U2954 Compressor](#)

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Danfoss FR10B 103U2954 hermetic compressor 220-240V 50/60Hz LBP freezer application data and replacement guidance

[GR-EFV45, El Araby Toshiba](#)

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The Toshiba 3-door 16 cu.ft no-frost silver refrigerator from El Araby is built for households that need generous storage and dependable cooling without complicated controls. With about 351 liters of net capacity, vapor no-frost technology and a dedicated middle fresh zone, it keeps frozen, fresh and ready-to-cook foods neatly organized.

[Bitzer 4J-13.2Y-40P semi-hermetic](#)

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The Bitzer 4J-13.2Y-40P is a semi-hermetic reciprocating compressor designed for demanding

commercial refrigeration applications. Its nameplate provides critical information for installers, including voltage ranges of 380–420 V at 50 Hz and 440–480 V at 60 Hz, running current, starting current, displacement flow and maximum permissible shell pressures.