

[TECUMSEH, DAIKIN, MATSUSHITA, HITACHI & TOSHIBA MODELS](#)

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



Brand	Model	Capacity (BTU/h)	Input Power (W)	Displacement (cc)
Matsushita - Rotary Type	PH140	14000	1200	140
	PH160	16000	1300	160
	PH180	18000	1400	180
	PH200	20000	1500	200
Hitachi - Rotary Type	HR140	14000	1200	140
	HR160	16000	1300	160
	HR180	18000	1400	180
	HR200	20000	1500	200
Toshiba - Rotary Type	TR140	14000	1200	140
	TR160	16000	1300	160
	TR180	18000	1400	180
	TR200	20000	1500	200

Understanding refrigeration compressor specifications is essential for proper HVAC system selection and maintenance. This comprehensive guide covers five major compressor brands—Tecumseh, Daikin, Matsushita, Hitachi, and Toshiba—with detailed technical data on cooling capacity, displacement, voltage requirements, and applications.

[LG MA62LCEG compressor specifications](#) [R134a 1/5 hp LBP](#)

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



The LG MA62LCEG is a reliable hermetic reciprocating compressor designed for low back pressure (LBP) applications using R134a refrigerant. Rated at approximately 1/5 HP, it delivers 174W (596 BTU/h) cooling capacity with 127W input power and a solid COP of 1.38.

Evaporator and Condenser Data, Two-Door Refrigerators

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



Achieving perfect cooling requires a precise balance between the compressor horsepower and the heat exchange surface area. Whether you are working with a small 1/8 hp unit or a jumbo 1/5 hp system, understanding the required U-bends in the condenser is the key to professional, long-lasting refrigeration repairs and system design.

Compressor, Kiriazi Refrigerator, KM 33, L 310, 1/5 hp

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



The Kiriazi KM 33 and L 310 refrigerators represent the pinnacle of tropical cooling engineering, designed to withstand extreme ambient temperatures while maintaining peak efficiency. Utilizing R134a refrigerant and a robust 1.1A compressor, these units are a staple for technicians requiring reliable performance data for maintenance and compressor replacement in high-heat environments.

[Emkarate RL 68H Compatibility Chart with HFC HCFC HFO](#)

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



Understanding the chemistry between lubricants and refrigerants is vital for refrigeration longevity. While Emkarate RL 68H is a premium synthetic polyol ester (POE) oil designed for HFCs, its application with R600 (Isobutane) requires careful engineering consideration. This guide examines technical specifications, viscosity impacts, and the risks of mismatched oil-refrigerant pairs in domestic and commercial systems.

[Compressor MAF QD59H HM for Ideal 8-foot Refrigerator](#)

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



Choosing the correct compressor for a classic Ideal 8-foot refrigerator requires technical precision. The MAF QD59H HM, a robust 1/6 HP unit by Comptek, is a frequent candidate for these repairs. This article explores the mechanical compatibility, electrical requirements, and performance values necessary to ensure a long-lasting and efficient cooling system restoration.

[Danfoss Secop BD35F 101Z0200 DC compressor technical specifications and 12V 24V, 1/8 hp](#)

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



The Danfoss Secop BD35F 101Z0200 is the industry standard for DC mobile refrigeration. Engineered for 12V and 24V systems using R134a, this compressor offers variable speed performance from 1/8 to 1/5 hp. This Mbsmpro technical guide explores its electronic control unit, wiring schemas, and cooling capacities for trucks, boats, and solar-powered appliances.

[LG washing machine error codes troubleshooting](#)

Category: Mbsmpro

written by www.mbsmpro.com | January 18, 2026



Decoding LG washing machine error codes is essential for any technician or homeowner looking to maintain peak performance. From the common OE drainage error to the complex LE motor lock fault, understanding these digital signals saves time and prevents further damage. This comprehensive Mbsmpro guide provides field-tested solutions to keep your laundry appliances running efficiently.

Compressor, Jiaxipera, TT1113GY, 1/5 hp

Category: Refrigeration

written by www.mbsmpro.com | January 18, 2026



The Jiaxipera TT1113GY is a high-performance hermetic compressor engineered for Low Back Pressure applications using R600a (Isobutane). Featuring a 11.3 cm³ displacement and a cooling capacity of 183 Watts, it represents the gold standard for modern energy-efficient refrigeration, offering exceptional reliability and reduced acoustic emissions in the domestic market.

Free money Copper

Category: Mbsmpro

written by www.mbsmpro.com | January 18, 2026



In the world of refrigeration maintenance, a pile of discarded components tells a story of hard work and technical precision. Every replaced filter drier represents a saved compressor, and every vacuum pump represents a system brought down to perfect microns. This guide explores the technical value behind HVAC scrap and the essential tools used in the trade.