

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

Category: Refrigeration

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Matsushita - Rotary Type			
PHL2000	2000	2.0	220V
PHL2500	2500	2.5	220V
PHL3000	3000	3.0	220V
PHL3500	3500	3.5	220V
PHL4000	4000	4.0	220V
PHL4500	4500	4.5	220V
PHL5000	5000	5.0	220V
PHL5500	5500	5.5	220V
PHL6000	6000	6.0	220V
PHL6500	6500	6.5	220V
PHL7000	7000	7.0	220V
PHL7500	7500	7.5	220V
PHL8000	8000	8.0	220V
PHL8500	8500	8.5	220V
PHL9000	9000	9.0	220V
PHL9500	9500	9.5	220V
PHL10000	10000	10.0	220V

Hitachi - Rotary Type			
HR100	1000	1.0	220V
HR150	1500	1.5	220V
HR200	2000	2.0	220V
HR250	2500	2.5	220V
HR300	3000	3.0	220V
HR350	3500	3.5	220V
HR400	4000	4.0	220V
HR450	4500	4.5	220V
HR500	5000	5.0	220V
HR550	5500	5.5	220V
HR600	6000	6.0	220V
HR650	6500	6.5	220V
HR700	7000	7.0	220V
HR750	7500	7.5	220V
HR800	8000	8.0	220V
HR850	8500	8.5	220V
HR900	9000	9.0	220V
HR950	9500	9.5	220V
HR1000	10000	10.0	220V

Toshiba - Rotary Type			
TR100	1000	1.0	220V
TR150	1500	1.5	220V
TR200	2000	2.0	220V
TR250	2500	2.5	220V
TR300	3000	3.0	220V
TR350	3500	3.5	220V
TR400	4000	4.0	220V
TR450	4500	4.5	220V
TR500	5000	5.0	220V
TR550	5500	5.5	220V
TR600	6000	6.0	220V
TR650	6500	6.5	220V
TR700	7000	7.0	220V
TR750	7500	7.5	220V
TR800	8000	8.0	220V
TR850	8500	8.5	220V
TR900	9000	9.0	220V
TR950	9500	9.5	220V
TR1000	10000	10.0	220V

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.

[Evaporator and Condenser Data, Two-Door Refrigerators](#)

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Size	U-Bends	HP	BTU/hr
Small	10	1/8	1000
Medium	15	1/5	1500
Large	20	1/3	2000

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](#)

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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.

[Embraco FMXY9C Compressor: R600a, 1/6 HP](#)

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Mbsmpro.com, Compressor, FMXY9C, Embraco, R600a, 1/6 hp, Cooling, 220-240V, 1Ph 50Hz, LBP, Fullmotion, Inverter, -35°C to -10°C , CE UL, Austria

[Jiaxipera VTH1113Y Compressor: R600a](#)

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Jiaxipera VTH1113Y is a high-efficiency inverter compressor using R600a refrigerant. Designed for LBP applications, it operates on 220-240V and offers quiet, reliable cooling for household refrigerators.

[HITACHI FL20S88NAA Compressor](#)

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The HITACHI FL20S88NAA 0.75 HP hermetic scroll compressor delivers 256W cooling capacity at 50Hz, utilizing HFC-134a refrigerant for household refrigerator-freezer applications. This LBP-classified unit operates reliably at 220-240V with RSIR starting method, integrated into Sharp's SJ-PT73R-HS3 model offering 662-liter gross capacity with Hybrid Cooling System and Plasmacluster technology.