

Cubigel GLY21RG R134a 5/8 HP Commercial Compressor Specifications and Replacement Guide

Category: Mbsmpro,Refrigeration

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The Cubigel GLY21RG is a robust 5/8 HP commercial compressor designed for R134a systems. Operating in the MBP/HBP range with a 20.72 cc displacement, it offers high cooling capacity for display cases and reach-in coolers. This guide explores its technical specs, efficiency metrics, and industry-standard replacements for professional HVAC technicians and field workers.

Unionaire PUQ012HR5R0WPK 12000 BTU Heat Pump Compressor Technical Specifications and R22 System Overview

Category: Air Conditioner

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The Unionaire PUQ012HR5R0WPK is a robust 12,000 BTU reversible heat pump system designed for demanding climates. Utilizing an R22 rotary compressor, this unit balances efficiency and reliability. Our technical breakdown covers electrical parameters, pressure ratings, and compatible replacements, providing field workers with the essential data needed for professional maintenance, system repairs, and component sourcing.

compressors: L58CZ1 (1/6HP), L65CZ1 (1/5HP), L72CZ1 (1/4HP), K270CZ1 (1/3HP), and K375CZ1 (1/2HP)

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Donper has established itself as a powerhouse in the hermetic compressor industry, providing reliable cooling solutions for domestic and light commercial applications. This technical analysis explores the R134a L and K series, ranging from 1/6 HP to 1/2 HP, offering engineers and technicians the critical data needed for successful repairs and system optimizations.

Huayi HYE69Y63 Compressor 1/5 HP R134a LBP

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The Huayi HYE69Y63 is a highly efficient hermetic reciprocating compressor designed for low back pressure applications using R134a refrigerant. With a 1/5 HP rating and dual-frequency compatibility (50/60Hz), this motor is a cornerstone for domestic refrigerators and freezers. This comprehensive guide covers technical datasheets, electrical wiring, and professional replacement strategies for global cooling systems.

GMCC PE75H1C Compressor 1/4 HP R134a LBP

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The GMCC PE75H1C is a robust hermetic reciprocating compressor engineered for low back pressure applications using R134a refrigerant. Operating at 220-240V 50Hz, this 1/4 HP motor provides a cooling capacity of approximately 185W. This article provides technical datasheets, electrical wiring schemas, and professional cross-reference guides for global refrigeration maintenance and engineering.

TECUMSEH, DAIKIN, MATSUSHITA, HITACHI & TOSHIBA MODELS

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A composite image showing four different refrigeration compressor models, each with its own technical specifications table. The models are Matsushita, Hitachi, and Toshiba. The tables list various specifications such as cooling capacity, displacement, voltage, and frequency. The Matsushita table includes models like P125, P125A, P125B, P125C, P125D, P125E, P125F, P125G, P125H, P125I, P125J, P125K, P125L, P125M, P125N, P125O, P125P, P125Q, P125R, P125S, P125T, P125U, P125V, P125W, P125X, P125Y, P125Z. The Hitachi table includes models like H125, H125A, H125B, H125C, H125D, H125E, H125F, H125G, H125H, H125I, H125J, H125K, H125L, H125M, H125N, H125O, H125P, H125Q, H125R, H125S, H125T, H125U, H125V, H125W, H125X, H125Y, H125Z. The Toshiba table includes models like T125, T125A, T125B, T125C, T125D, T125E, T125F, T125G, T125H, T125I, T125J, T125K, T125L, T125M, T125N, T125O, T125P, T125Q, T125R, T125S, T125T, T125U, T125V, T125W, T125X, T125Y, T125Z.

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.

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.

Copper Pipe Flaring: Common Mistakes and How to Avoid Them in HVAC and Plumbing Installations

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Mbsmpro.com, Copper Pipe, Flaring, HVAC, Plumbing, R600a, Mini-Split, Leak Prevention, Soft Copper, Flaring Block, 1/4", 3/8", 1/2", 5/8", Refrigerant Line

HVAC Valve Cores

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Excerpt: Valve cores are vital for HVAC and refrigeration systems. This guide explores Schrader valve types, pressure ratings, material choices, and engineering tips for optimal performance and leak prevention.

Mitsubishi Electric PUHY-P250YKH-TH

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The Mitsubishi Electric PUHY-P250YKH-TH stands out as a powerful 25HP outdoor unit in the City Multi VRF series, designed for large-scale commercial HVAC applications. Featuring R410A refrigerant, it delivers 22.4 kW nominal cooling and 25.0 kW heating capacity with top-tier efficiency.