Technical Troubleshooting: Automatic Washer Stops After Filling

Category: Global Electric
written by www.mbsmpro.com | January 30, 2026

If your automatic washer fills with water but refuses to start the agitation or wash cycle, you are facing a common mechanical or electronic failure. This guide explores the primary culprits, including faulty lid switches, clogged pressure tubes, and failing drive motors, providing technical insights to help you diagnose and repair your appliance efficiently and safely.

Panasonic QB86C18GAX5: The Reliable Powerhouse of Tropical Refrigeration

Category: Refrigeration
written by www.mbsmpro.com | January 30, 2026

The Panasonic QB86C18GAX5 is a 1/4 HP reciprocating compressor engineered for high-efficiency Low Back Pressure (LBP) applications. Using R134a refrigerant and a displacement of 8.6cc, it delivers a cooling capacity of 201W. This guide provides technicians with essential technical data, including amperage, displacement, and a comprehensive cross-reference list for modern repairs.

Mastering the LG KX69LBEG: The Heart of Modern Domestic Refrigeration

Category: Refrigeration
written by www.mbsmpro.com | January 30, 2026

The LG KX69LBEG is a high-performance 1/5 HP reciprocating compressor designed for Low Back Pressure (LBP) domestic refrigeration. Operating on R134a refrigerant at 220-240V/50Hz, this thermally protected unit is the standard for LG's cooling reliability. In this guide, we break down its displacement, amperage, and provide a comprehensive list of equivalent replacement models.

Engineering Overview: The S118CY1 Architecture

Category: Refrigeration
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The Donper S118CY1 compressor is a cornerstone of modern domestic refrigeration, engineered for high efficiency in Low Back Pressure (LBP) environments. Utilizing R600a refrigerant, this 1/4 HP unit provides reliable cooling for large household refrigerators and freezers. This guide explores its technical parameters, electrical requirements, and the best cross-reference alternatives for field technicians.

WPMR91S, the refrigerator requires exactly 13 grams of R600a refrigerant.

Category: Refrigeration
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The White Point WPMR91S is a high-efficiency 91-liter refrigerator utilizing a specialized 13-gram R600a refrigerant charge. Operating at 0.50A, this Turkish-made unit is designed for optimal LBP performance. This guide provides comprehensive technical specifications, compressor cross-references, and engineering insights for professional technicians and hobbyists looking for reliable maintenance data and replacement parts.

EVCIS-24K-MD, The gas r410a charge weight is approximately 1.80 kg

Category: Air Conditioner
written by www.mbsmpro.com | January 30, 2026

The Evvoli EVCIS-24K-MD is a robust 2.5 HP rotary compressor designed for 24,000 BTU split-type air conditioners. Running on R410A refrigerant with a 20.0A rated current, it offers high-efficiency cooling and heating (26,000 BTU). This technical guide explores its pressure limits, electrical requirements, and the best replacement compressors for HVAC professionals and field workers.

Compressor, ZMC EGM66AF, is an excellent fit for a 10-foot refrigerator

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The ZMC EGM66AF is a high-reliability 1/6 HP compressor designed for Low Back Pressure (LBP) applications in domestic refrigerators ranging from 10 to 12 feet. Utilizing R134a refrigerant and a 6.66cc displacement, this unit features durable copper windings and an RSIR motor, making it a preferred choice for technicians seeking longevity and efficiency.

Role of Current Relays in Compressor Ignition

Category: Refrigeration
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Selecting the right electrical components is the heartbeat of refrigeration maintenance. When a compressor fails to start or constantly trips, the culprit is often a mismatched Current Relay or a fatigued Thermal Overload Protector. Ensuring these parts align perfectly with the compressor’s horsepower (HP) and amperage rating is vital for long-term system reliability.

MAQ QD168H, Can this compressor be installed in a 1.5-meter two-door refrigerator?

Category: Refrigeration
written by www.mbsmpro.com | January 30, 2026

The MAQ QD168H is a high-performance 1/4 HP hermetic compressor designed for R134a refrigerant systems. Ideal for domestic refrigerators and freezers, it offers a cooling capacity of approximately 195W. This article provides a deep dive into its electrical characteristics, displacement, and compatible replacements to ensure a professional and efficient cooling system repair or build.

The Technician’s Take on the Matsushita QA77C17GAX5

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The Matsushita QA77C17GAX5 is a workhorse in the refrigeration world. This 1/4 HP R134a compressor is a go-to for many household fridges and freezers. In this guide, we break down the technical specs, electrical wiring, and the most reliable replacement options to help you get your cooling system back up and running fast.