Can the GL80 compressor be installed in place of the GL90?

Category: Refrigeration
written by www.mbsm.pro | 12 April 2026



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The main difference is the winding material: the GL80 uses aluminum coils, while the GL70 uses copper. Performance-wise, the GL80 is suitable for an upright deep freezer, whereas the GL70 is best for a 12ft double-door refrigerator

“The technical difference between the two compressors, manufactured by ZEM or

ACC, lies primarily in the horsepower (HP) and displacement volume:
GL80: Has a slightly lower capacity, rated at approximately 1/5 HP
GL90: Typically rated at 1/4 HP (or equivalent, depending on the specific model

Technical Conclusion: Compressor Interchanges

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1. Replacing GL80 by GL90 yes
2. Replacing GL90 by GL80 non
3. Replacing GL80 by GL70 non
4. Replacing GL70 by GL80 yes

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Danfoss Secop SLV15CNK / SLV15CNK.2 – Complete Technical Review & Replacement Guide

Category: Refrigeration
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The Danfoss Secop SLV15CNK is a variable-speed LBP hermetic compressor running on R290 propane refrigerant, designed exclusively for commercial freezing applications. With a 15.28 cm³ displacement, permanent magnet TRI motor, and mandatory SLV electronic controller, it powers chest freezers and display cases across retail worldwide — including AHT deep freezer cabinets.

Embraco EGAS 100HLR Guide: Technical Specs & Field Replacements

Category: Refrigeration
written by www.mbsm.pro | 12 April 2026

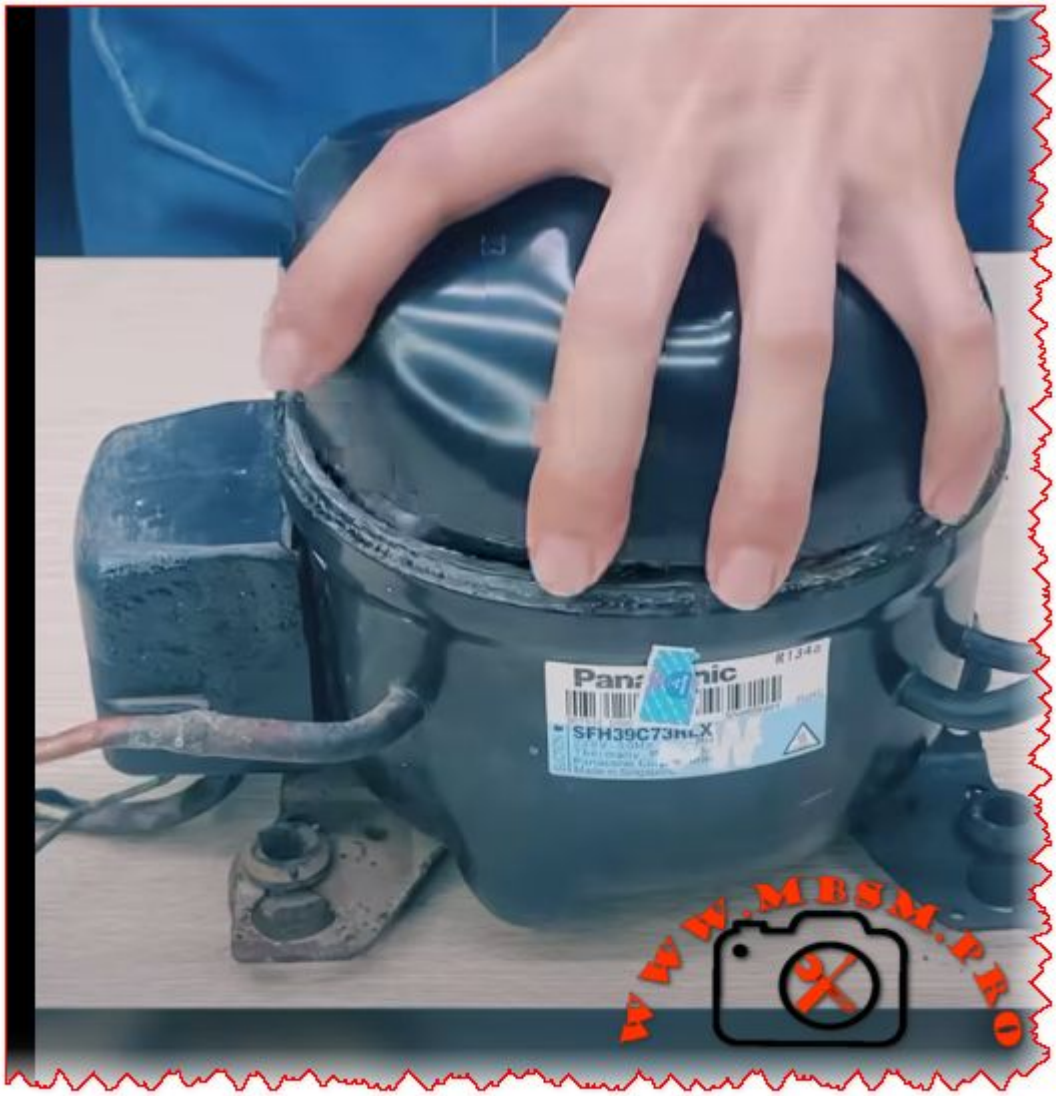


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The Embraco EGAS 100HLR is a staple in domestic refrigeration. This guide provides the raw technical data and equivalent models for fast field swaps.

Panasonic SFH39C73H Compressor Specs and Replacements

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The Panasonic SFH39C73H is a compact 1/5 HP compressor designed for R134a refrigeration systems, commonly found in domestic refrigerators and small freezers. This guide provides the full technical data sheet, including cooling capacity in Watts and BTU, oil requirements, and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

Donper L65CZ1 Compressor Specs and Replacements

Category: Refrigeration
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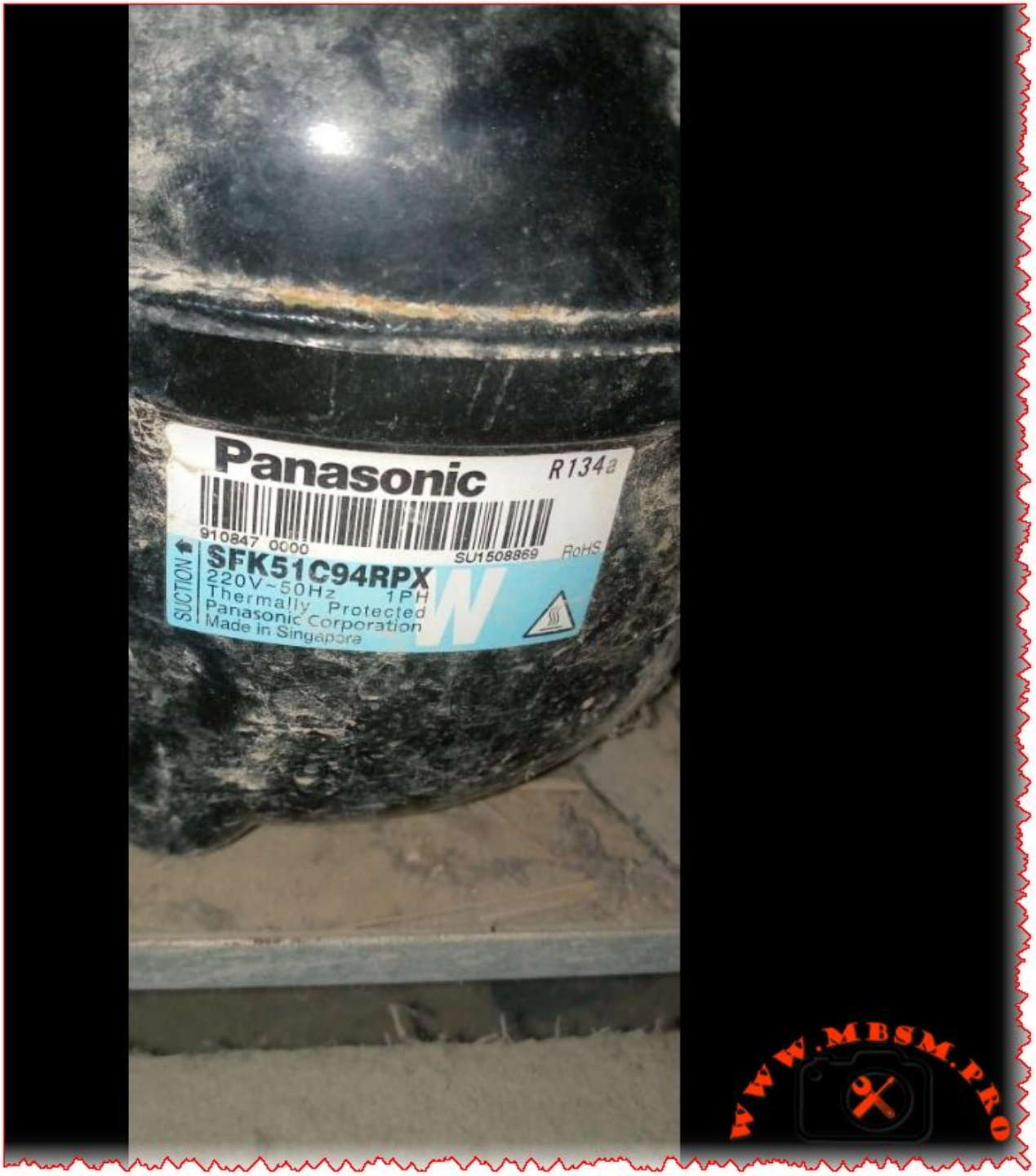


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The Donper L65CZ1 is a reliable 1/5 HP compressor designed for R134a LBP systems, commonly found in domestic refrigerators and freezers up to 280L capacity. This guide provides the full technical data sheet, including cooling capacity (158-170W at ASHRAE), oil requirements (280-320ml), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

Panasonic SFK51C94RPX Compressor Specs and Replacements

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The Panasonic SFK51C94RPX is a reliable 1/6 HP compressor designed for R134a LBP systems, commonly found in domestic refrigerators and freezers up to 250L capacity. This guide provides the full technical data sheet, including cooling capacity (157W at ASHRAE), oil requirements (280-320ml), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

Panasonic QB66C13GAX5 Compressor

Specs and Replacements

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The Panasonic QB66C13GAX5 is a reliable 1/5 HP compressor designed for R134a LBP systems, commonly found in domestic refrigerators and freezers up to 250L capacity. This guide provides the full technical data sheet, including cooling capacity (165W at ASHRAE), oil requirements (280-320ml), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

SUB COOL GQR80TG Compressor Specs and Replacements

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The SUB COOL GQR80TG is a versatile 1/4+ HP compressor designed for R134a MBP/HBP systems, commonly found in commercial coolers and mid-size refrigerators. This guide provides the full technical data sheet, including cooling capacity (400W to 810W depending on conditions), oil requirements (380-420ml POE), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

Tecumseh THG1374YFS Compressor Specs

and Replacements

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The Tecumseh THG1374YFS (TH271-FS-316) is a reliable 1/4 HP compressor designed

for R134a LBP systems, commonly found in domestic refrigerators and small freezers. This guide provides the full technical data sheet, including cooling capacity in Watts and BTU, oil requirements (243ml POE), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

ZMC GL60AF Compressor Specs and Replacements

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The ZMC GL60AF is a reliable 1/6 HP hermetic compressor designed for R134a LBP applications, widely used in domestic refrigerators and freezers. This comprehensive guide provides complete technical specifications including 5.99 cm³ displacement, ISO VG 19 ester oil requirements, 132W cooling capacity, and detailed performance data. Find the best replacement options including Cubigel GL60AA, ZEM equivalents, and modern alternatives for your refrigeration repair needs.