

# Donper ETK130L Compressor 1/4 HP R600a LBP Specifications and Professional Technical Guide for Refrigeration Engineers

Category: Refrigeration

written by [www.mbsm.pro](http://www.mbsm.pro) | 3 February 2026



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The Donper ETK130L compressor is a high-efficiency 1/4 HP unit designed for low back pressure applications using R600a refrigerant. This article provides a comprehensive technical breakdown, including cooling capacity, electrical schematics, and cross-reference replacements. Ideal for technicians and engineers seeking precise data for maintenance and system optimization in domestic and light commercial refrigeration.

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## Jiaxipera VMH111Y Inverter Compressor R600a

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The JiaXipera VMH1111Y is a high-efficiency variable-speed inverter compressor optimized for R600a refrigerant. Operating between 22Hz and 75Hz, it offers a 1/5 HP equivalent output, making it the preferred choice for premium Sharp and Toshiba refrigerators. This guide breaks down its electrical characteristics, COP efficiency metrics, and professional field-tested replacement alternatives for modern cooling systems.

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## Secop ES7FT.4 Compressor 1/5 HP R134a Technical Specifications and Replacements

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The Secop ES7FT.4 is a high-efficiency 1/5 HP hermetic compressor engineered for R134a LBP applications. With a displacement of 5.70 cm<sup>3</sup> and a cooling capacity of 147W at -23.3°C, it is an ideal choice for tropical refrigeration. This guide provides full technical data, COP metrics, and professional replacement cross-references for HVAC technicians.

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## Secop TLES6FT.3 Compressor Technical Specifications, Cooling Capacity, and R134a Replacement Guide for Refrigeration Professionals

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The Secop TLES6FT.3 is a high-efficiency hermetic reciprocating compressor designed specifically for Low Back Pressure (LBP) applications. Operating on R134a refrigerant, this 1/6 HP powerhouse is a staple in domestic refrigeration. This guide breaks down its technical performance, electrical characteristics, and provides reliable replacement options for field workers and engineers looking for precision.

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## Technical Analysis of High-Performance Hermetic Compressors: GQY80AT and ATA72XL

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Choosing between the ZEL GQY80AT and Huaguang ATA72XL requires a deep understanding of displacement and cooling wattage. This professional guide breaks down the 198W capacity of the GQY80AT versus the 185W of the ATA72XL, providing essential data for technicians, including oil types, motor configurations, and a comprehensive list of cross-compatible replacement models.

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## Donper LG83WZ1 Refrigeration Compressor Technical Specifications and R134a Replacement Guide for Unionaire refrigerator

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The Donper LG83WZ1 stands as a cornerstone in modern domestic and light commercial refrigeration. Engineered for Low Back Pressure applications, this R134a-driven unit provides reliable cooling capacity for medium to large refrigerators. Its 8.3cc displacement ensures consistent thermal management, making it a preferred choice for technicians seeking a robust, thermally protected motor for demanding climates.

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## Secop TLES6FT.3 R134a 1/5 HP LBP Compressor Specifications and Replacement Guide

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The Secop TLES6FT.3 is a cornerstone of modern domestic refrigeration. This 1/5 HP, R134a compressor is engineered in Slovakia for Low Back Pressure applications, offering a cooling capacity of 149W. Known for its quiet operation and energy efficiency, it is the ideal choice for medium-sized refrigerators and deep freezers looking for long-term reliability.

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## Siberia GFF57AA Compressor

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The Siberia GFF57AA is a high-performance 1/5 HP hermetic reciprocating compressor designed for Low Back Pressure (LBP) applications. Utilizing R134a refrigerant and a 5.7cc displacement, it provides a reliable cooling capacity of 166W. This unit is widely used in domestic freezers and refrigerators, offering a robust RSIR motor for 220-240V 50Hz electrical systems.

## Best compressor for Kiriazi refrigerator 2012 model ZMC GL80AA

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Finding the perfect heart for your 2012 Kiriazi refrigerator requires precision. The ZMC GL80AA 1/5 HP compressor is the definitive OEM standard, offering the perfect balance of cooling capacity and durability for 14ft cabinets. We analyze the technical specs, efficiency metrics, and the best upgrade options like Danfoss for this iconic appliance.

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## Samsung RT47CB663222 Compressor Specifications R600a 1/5 HP Cooling Capacity Inverter Refrigerator Spare Parts

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SmartThings

RT47CB663222MA B1

SmartThings icons: person, book, headset

RT47CB663222MA B1

**SAMSUNG**

Compressor Circulation d'air forcé, Sans glace, Réfrigérateurs-congérateurs type II  
 نوع الضغط، دوران الهواء القسري، خالية من الثلج، مستهلكات الطاقة

Modèle	RT47CB663222	النموذج
Volume brut(L)	476 L	الحجم الإجمالي
Tension nominale/Fréquence	220-240 V~ / 50 Hz	الجهد الاسمي / التردد
Courant nominal	2.0 A	تيار الاسمي
Alimentation fabrication de glace	-	التعبئة كمبردة لمصنع الثلج
La puissance de dégivrage	-	قوة إزالة الجليد
Congélateur	140 W (220 V~), 150 W (230-240 V~)	الجمد
Réfrigérateur	-	تلاجم التبريد
Classe climatique	T	فئة التبريد
Réfrigérant	R-600a, 60 g	مزيل الثلج
Isolation du gaz de soufflage	CYCLOPENTANE	غاز التجميد
Pouvoir de congélation	5.0 kg/24 hr	قوة التجميد
Durée de montée en température	13 hr	مدة ارتفاع درجة الحرارة [°C]
Volume utile(L) Total / المجموع / حجم الثلاجة	460	المجموع / المجموع
		Congélateur / التجميد
		Réfrigérateur / تلاجم
		Deux étoiles / 6
Puissance de la lampe Congélateur/Réfrigérateur	LED / LED	قوة السراج / التبريد

**anrt**  
MR00039143ANRT2023

Fabriquée en Thaïlande

RT47CB663222MA REV.0.0

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This technical guide explores the Samsung RT47CB663222 refrigerator, a high-efficiency 460-liter unit utilizing R-600a refrigerant. Operating on a 220-240V 50Hz supply, this inverter-driven system is designed for Low Back Pressure applications. We break down the motor characteristics, displacement, and provide a comprehensive list of equivalent replacement compressors for modern field service and professional repairs.