

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

Category: Refrigeration

written by www.mbsm.pro | 2 February 2026



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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 cm³ 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.

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.

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

Category: Refrigeration

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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.

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.

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.

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.

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

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SmartThings

RT47CB663222MA 01

SmartThings icons: person, book, headset

RT47CB663222MA 01

SAMSUNG		****	
Compressor Circulation d'air forcé, Sans glace, Réfrigérateurs-congélateurs type II			
نوع الضغط: بدون الجليد، التبريد بالهواء القسري، خالية من المبردات الضارة، مستخدمة للتجميد			
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	-	التغذية الكهربائية لصنع الثلج	
La puissance de dégivrage	-	قوة إزالة الجليد	
Congélateur	140 W (220 V~), 150 W (230-240 V~)	الجمد	
Réfrigérateur	-	التجميد	
Classe climatique	T	فئة التبريد	
Réfrigérant	R-600a, 60 g	غاز التبريد	
Isolation du gaz de soufflage	CYCLOPENTANE	عزل الغاز	
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	460	المجموع / المجموع	
المجموع / المجموع	460		
Congélateur / المجمد	101	المجمد / التجميد	
Réfrigérateur / التجميد	353	التجميد / التجميد	
المجمد / التجميد	101	التجميد / التجميد	
التجميد / التجميد	353	التجميد / التجميد	
Puissance de la lampe Congélateur/Réfrigérateur	LED / LED	قوة السراج / السراج	
LED / LED		السراج / السراج	
anrt		Fabricqué en Thaïlande	
MR00039143ANRT2023		RT47CB663222MA REV.01	

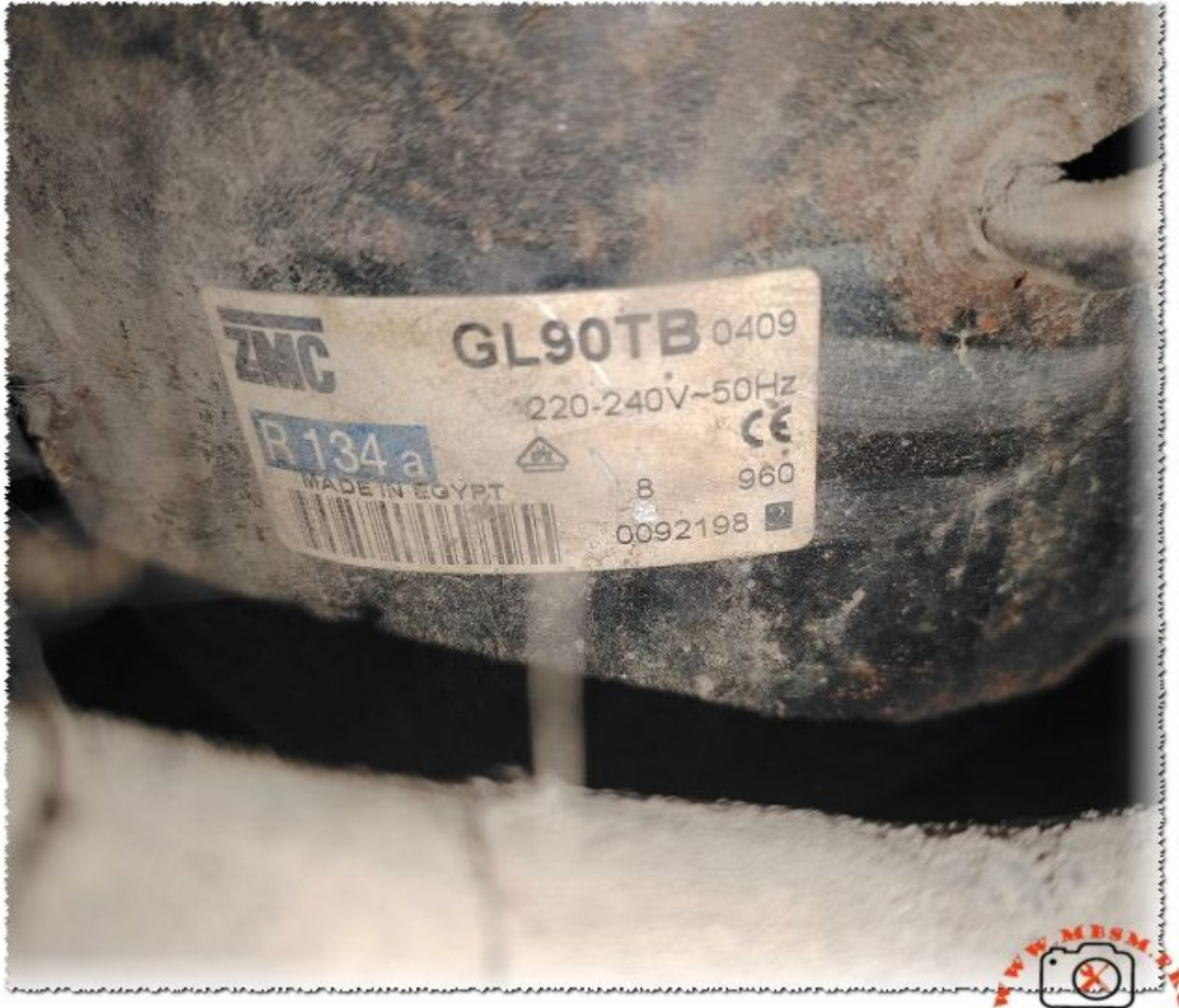
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This technical guide explores the Samsung RT47CB663222 refrigerator, a high-efficiency 460-liter unit utilizing R-600a refrigerant. Operating on a 220-240V 50Hz supply, this inverter-driven system is designed for Low Back Pressure applications. We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

ZMC GL90TB Compressor Technical Specifications and R134a Replacement Guide

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The ZMC GL90TB is a high-performance 1/4 HP compressor designed for High Back Pressure (HBP) commercial refrigeration. Operating on R134a with a 220-240V supply, it offers a cooling capacity of approximately 2800 BTU/h. This article provides technical specs, COP efficiency metrics, and direct replacement models for professional HVAC technicians and industrial cooling experts.

Pepsi single-door refrigerator, 90

cm, compressor, 1/2 hp hbp

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The Danfoss SC15G (104G8525) is a high-capacity 1/2 HP compressor designed for R134a commercial cooling applications. Featuring a 15.28cc displacement and German engineering, it excels in MBP/HBP environments like display coolers. This professional guide details its 738W cooling capacity, electrical requirements, and provides a comprehensive cross-reference list for field technicians and engineers.