

Secop TLX5.7KK.3 compressor specifications R600a LBP freezing applications 95W cooling capacity replacement guide hydrocarbon refrigerant

Category: Refrigeration

written by www.mbsm.pro | 13 February 2026



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When you open your refrigerator door on a warm summer day, you expect crisp vegetables and cold drinks waiting inside. Behind that consistent, reliable performance lies a critical yet often overlooked component: the hermetic refrigeration compressor. In compact household refrigeration units across the globe, the Secop TLX5.7KK.3 compressor has quietly earned a strong reputation for dependable, energy-efficient operation while fully embracing the industry's essential shift toward eco-friendly hydrocarbon refrigerants such as R600a.

Jiaxipera TT1114GY R600a compressor technical specifications and high-efficiency replacement guide for professional HVAC technicians

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written by www.mbsm.pro | 13 February 2026



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The Jiaxipera TT1114GY is a cornerstone of modern eco-friendly refrigeration, utilizing R600a isobutane to deliver high-efficiency cooling in household appliances. Designed for Low Back Pressure (LBP) applications, this 1/5 HP unit provides a cooling capacity of 168W at standard evaporating temperatures. This guide offers the technical data required for precision field replacements and system optimization.

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

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written by www.mbsm.pro | 13 February 2026



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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.

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

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written by www.mbsm.pro | 13 February 2026



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.

ZMC GL45AN Compressor – R134a, 1/8 HP, LBP

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The ZMC GL45AN is a hermetic refrigeration compressor designed for R134a systems in cooling and light freezing applications. With a 1/8 HP motor, LBP operation, and RSIR electrical design, it delivers stable performance, low noise, and high reliability for domestic and light commercial refrigeration equipment.

Compressor, Matsushita, D77C18RAX5,

1/4 hp, Panasonic

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written by www.mbsm.pro | 13 February 2026



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The Matsushita D77C18RAX5 is a legendary 1/4 HP refrigerator compressor optimized for R134a refrigerant. Known for its robust RSIR motor and 7.7cc displacement, it delivers 195W of cooling power for domestic freezers and refrigerators. This guide provides full technical data, wiring details, and the best professional cross-reference replacements for modern refrigeration repair.

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.

Mbsm.pro, Compressor, Série SC, QD168H, R134A, Wansheng, Refrigerator Compressor, 1/2 hp, 323 w, MBP

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written by www.mbsm.pro | 13 February 2026

R406a 220~240V/50Hz

LBP
低背压

序号 No.	应用类型 Application	产品系列 Serial	产品型号 type	马力 Hp	电压/频率 Power Supply (V/Hz)	电机类型 Motor type	制冷量 Capacity		COP Power Efficiency		启动器 Starting Device	启动电容 Starting Capacitor (μF)	运行电容 Running Capacitor (μF)	冷却方式 Cool
							ASHRAE (-23.3°C)	CECOMAF (-25°C)	ASHRAE (-23.3°C)	CECOMAF (-25°C)				
1	LBP 低背压	WT	QD55	1/6	220~240V ~50Hz	RSIR	130	98	1.04	0.81	PTC	/	/	S
2			QD65	1/5		RSIR	158	119	1.08	0.84		/	/	S
3			QD75	1/4		RSIR	176	132	1.09	0.85		/	/	S
4			QD85	1/4		RSIR	202	152	1.10	0.86		/	/	S
5			QD91	1/4		RSIR	216	162	1.12	0.87		/	/	S
6	LBP 低背压	WQ	QD110	3/10	220~240V ~50Hz	RSIR	271	203	1.17	0.91	重锤 Starting Relay	/	/	F
7			QD128	1/3		RSIR	306	230	1.18	0.92		/	/	F
8			QD142	2/5		CSIR	333	250	1.19	0.93		80	/	F
9	LBP 低背压	SC	QD168	1/2	220~240V ~50Hz	CSIR	380	330	1.15	1.06	电流式 Current	80	/	F2
10			QD180	1/2		CSIR	440	382	1.15	1.07		80	/	F2
11			QD210	3/5		CSIR	510	443	1.17	1.08		80	/	F2

9

6

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Mbsm.pro, Compressor, Série SC, QD168H, R134A, Wansheng, Refrigerator Compressor, 1/2 hp, 323 w, MBP

Mbsm.pro, ADW compressor, R134a, ADW77, refrigerator compressor, 1/4 hp, 187 w, lbp

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Mbsm.pro, ADW compressor, R134a, ADW77, refrigerator compressor, 1/4 hp, 187 w, 1bp

Refrigerator, compressor, E1134CZA, 1/2 hp, E1130CZA, E1121CZA, 3/8HP, commercial, freezer, R134a

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 **E1121CZA** 
220-240V-50Hz 1PH
THERMALLY PROTECTED

RoHS   SUCTION → 2
R134a

<http://www.dongper.com> A000583

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Refrigerator, compressor, E1134CZA, E1130CZA, E1121CZA, 3/8HP, commercial,
freezer, R134a