

# Variable Speed Refrigerator Compressor

This variable speed compressor is designed for use in refrigerators and refrigeration equipment. It is compatible with R134a, R600a, and R290 refrigerants and optimized for LBP, HBP, and BLDC applications.



## Product Overview

### High-Efficiency BLDC Technology

The VK70CL is a variable speed refrigerator compressor designed for high-performance cooling applications. Featuring an advanced brushless DC (BLDC) motor, this unit offers dynamic control to optimize energy consumption across various operational speeds. It is engineered to maintain efficiency and reliability in Low Back Pressure (LBP) refrigeration systems.

## Technical Specifications

Model Number	VK70CL
Motor Technology	BLDC
Displacement	7 cm <sup>3</sup>
Refrigerant Type	R134a
Voltage Range	220~240V

## Performance Metrics

### Variable Speed Performance

Speed (rpm)	Cooling Capacity (W)	COP
1200	47	1.6
1800	74	1.75
2400	100	1.8
3000	123	1.75
4500	175	1.6

## Certifications

International Standards	UL, CCC, VDE, CE, RoHS, CB, ISO 9001, CQC, INMETRO
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