

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

Category: Refrigeration

written by www.mbsm.pro | 22 January 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.

Refrigeration, Compressor, K270CZ1, 1/3++, DONPER, Dongbei, K325CZ1, K375CZ1, freezer, R134a, White HIK-BD-500 Chest Freezers, Top Open Door, -18 degrees to +10 degrees, 500L

Category: compressor

PRODUCT PARAMETERS

MODEL NO.	K270CY1
COOLING CAPACITY	270W
REFRIGERANTS	R600a
INPUT POWER	208W
HORSE POWER	1/3+
DISPLACEMENT	16.2cm ³



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Quick Details

Temperature:

-25° ~ +15°

Cooling Capacity:

1ton

Panel Thickness:

50mm

Applicable Industries:

Retail

After Warranty Service:

Online support

Local Service Location:

None

Showroom Location:

None

Condition:

New

Place of Origin:

Hubei, China

Voltage:

220V, 220V/50HZ

Dimension(L*W*H):

10-10*10

Weight:

15KGS

Certification:

CE ROHS

Warranty:

1 Year

After-sales Service Provided:

Online support, No overseas service provided

Key Selling Points:

Sustainable

Machinery Test Report:

Not Availabl

Video outgoing-inspection:

Provided

Marketing Type:

New Product 2020

Warranty of core components:

1 Year

Core Components:

Motor

Color:

Balck

Product name:

Refrigerator Compressor

Refrigerant:

R134a

model:

K270CZ1

Cooling capacity:

230W

Product Description

Refrigerant	R134a	Cooling capacity	270W
Input power	220W	Hose Power	220W
Temperature application	L/MBP	Displacement	9.5cm ³
Working Current	1.5A	Voltage	220V~240V/50Hz
COP	1.3W/W	Motor type	RSIR
Cylinder capacity	9.5cm ³	Weight	9.8±0.4kg

Structure



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Notice : process channel and air suction pipe can not interchangeable

Product Name : Donper Compressor	Model: K270CZ1
Application : Refrigerator	Power supply :220v~240v/50Hz
Refrigeration capacity:270W	Power :220W
cylinder volume:9.5cm ³	refrigerant: R134a
Motor :RSIR	COP:1.3W/W
Weight :9.8±0.4kg	working current :1.5A



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Compressor Details

Production Name	Refrigerator compressor	Model	K270CZ1
Application	Refrigerator/ Freezer(300L~400L)	Power	220V~240V/50HZ
Cooling capacity	270W	Input power	220W
Cylinder volume	9.5Cm ³	Refrigerant	R134a
Motor type	RSIR	COP	1.3W/W
Weight	9.8±0.4kg	Current	1.5A

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Product Specification

Capacity	500 L
Type	Top Open
Temperature Range	-18 degrees to +10 degrees
Model Number	HIK-BD-500
Model Number/Name	HIK-BD-500

Energy Consumption	2.02 kWh/24hr
Product Dimensions	1650 x 755 x 830mm
Door Type	Top Open Door
Color	White
Door No.	2
Features	Adjustable Temperature Control,Digital Display,75mm Insulation Wall Thickness,Defrost Water Drain
Usage/Application	Freezer/Chiller
Weight	73kg
Depth	755mm
Refrigerant Used	R134a
Number Of Basket	2
Height	830 mm
Power Source	Electric
Energy Efficiency	2.02 kWh/24hr
Compressor Brand	Donper
Compressor Model	K270CZ1
Power	255 W
Width	1650 mm
Colour	White
Refrigerant	R134a
No of Doors	1
Number of Baskets	2

Product Description

Haikawa now launches its latest range of Chest Freezers in 200 L, 300 L, 400 L and 500 L variants. The freezers come with an Adjustable Temperature Control, enabling its use as a freezer (-18 degrees to 0 degrees) or as a chiller (0 degrees to 10 degrees), depending on requirement. The 75mm Insulation Wall Thickness helps improve energy efficiency, while the unique digital display brings in a whole new level of convenience. The Chest freezers come with removable baskets and a defrost water drain. The Inner PP lining improves hygiene while a lock and key mechanism ensures maximum safety. Insulation: Cyclopentane. Refrigerant: R134a. The HIK-BD-500 model has a rated current of 1.5A, thus lowering the power consumption. The Chest Freezer is packed with the following features:

- Adjustable Temperature Control
- Electronic Controller with Digital Display
- 75mm Insulation Wall Thickness
- Low Power Consumption
- Inner PP Lining for Improved Hygiene
- Store-More Removable Basket
- Defrost Water Drain
- Lid Handle
- Lock and Key Safety Mechanism

Additional Information

Packaging Details Box Dimensions: 1695 x 760 x 880mm Included: 1 Chest Freezer/ 1 Instruction Manual/ 2 Keys/ 2 Inner Metal Trays



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Compresseur de réfrigérant R134a Donper K375CZ1 220-240V 50Hz SC-SD-388Y

Description

Compresseur de réfrigérant R134a Donper K375CZ1 220-240V 50Hz SC-SD-388Y

Réfrigérant: R134a

Tension: 220 V ~ 240 V / 50 HZ

Puissance en chevaux: 1/2 ph

Puissance d'entrée: 235 W

Capacité de refroidissement: 325 W

Cylindre de capacité: 11,4 centimètres cubes

Courant de travail: 1.6A

Type de moteur: CSIR

Poids: 9,9 ± 0 4 kg

875000033

 **K375CZ**
220-240V~50Hz 1PH
THERMALLY PROTECTED

RoHS

<http://www.donper.com>

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   SUCTION → 1
R134a

