

Mbsm.pro, Copeland, Scroll
Compressor, ZR series, ZR72KCE-
TFD-522, 6 hp, r22, R-407, v380-420V
/ 50Hz / 3ph

Category: air conditioner,Archivation,compressor
written by Lilianne | 2 April 2022



Name: Copeland Scroll Hermetic Refrigeration Compressor ZR72KCE-TFD-522
Model No.: ZR72KCE-TFD-522
Place of Origin: Thailand
Brand: Copeland
Type: Scroll
Configuration: Stationary
Drive Mode: Electric
Performance: Low Noise
Piston Type: Closed
Market: Global
Temperature: Med/High Temperature
Weight: 38.2kg
Horse Power: 6HP
Packing: Wooden case/Pallet

Product Description

Copeland Scroll Hermetic Refrigeration Compressor ZR72KCE-TFD-522

ZR Compressor features:

Power: 1.5-15 HP

Med/High Temperature

Superior efficiency

Outstanding reliability

Fewer moving parts

Very low noise/gas pulsation.

Copeland Scroll Compressor all models

1.ZR,ZB,ZP,ZF,ZH,ZS,ZW Scroll compressor

2.ZRD,ZBD,ZRT scroll compressor

3.Low price

Copeland Scroll Compressor ZR series

1,Super efficiency

The efficiency is 12% higher than the most advanced piston type compressor in the market.

2,Crackjack reliability

less movement parts ,shaft direction and radial with copeland patent soft design,to supply high fluid impact and abide impurity resistant.

3,Inner motor turnoff device

it can protect motor to avoid broken by high-temperature and high -current .

4,Low-noise/low-exhaust impulse

the noise is 5Db lower than piston-type compressor and more.

5,Predigest system design

Blue-chip uninstalled operate design,make single-phase compressor no need to operate capacitance/relay.

6,Nearly 100% cubage efficiency bring super heating ability.

Description:

1.Models :ZR16M3-TWD-522,ZR19M3-TWD-522,ZR47KC-TFD,ZR94KC-TFD,ZR125KC-TFD,ZR160KC-TFD,ZR61KC-TFD,ZR108KC-TFD,ZR144KC-TFD,ZR72KC-TFD

2.They are Copeland scroll compressors, can be used for air conditioning and

refrigeration.

3. We have models made in China, Thailand and Belgium.

4. 12 units packing with one pallet.

With reliable performance, superior efficiency, quiet operation, and diagnostic capability, Emerson Climate Technologies offers the most advanced scroll technology available to support your commercial air-conditioning needs. With the widest R-410A selection available, the Copeland Scroll™ compressor offering ranges from 2–40 HP in singles and up to 80 HP in tandems.

Copeland Scroll Compressor 2–7 HP

Designed to power high-efficiency air conditioners with its improved scroll set and motor for higher reliability, lower noise, and compact frame; Comes with Enhanced Vapor Injection (EVI) technology for increased heating capacity;

Allows for the best overall applied cost for high-efficiency systems.

Copeland Scroll Compressor 7–15 HP

Designed for superior R-410A efficiency and performance Features Advanced Scroll Temperature Protection (ASTP) to guard the compressor from the scroll overheating

Light, compact design with smaller suction fittings for applied cost saving R-410A and R-22/R-407C models in 7–15 HP (tandems up to 30 HP)

Copeland Scroll Compressor 20–40 HP

R-410A and R-22/R-407C models in 20–40 HP (tandems up to 80 HP)

Optimized for large rooftop and chiller applications

Designed to provide highest R-410A efficiency in this capacity range

Qualified for use in trio applications

copeland compressors – air conditioning (cont' D)

hBp compressor – three phase

Model NO.	Cooling Capacity (rating point 7.2)	nominal hp	Displ. cc/rev	nom current FLA	Weight (Kg)
ZR22K3PFJ522	5240	1.83	30.7	9.6	26
ZR28K3PFJ522	6970	2.33	39.2	12.9	27.3
ZR28K3EPFJ522	6970	2.33	39.2	12.9	27.3
ZR34K3PFJ522	8260	2.83	46.1	13.6	29.5
ZR34K3EPFJ522	8260	2.83	46.1	13.6	29.5
ZR36K3PFJ522	8850	3	49.5	16.4	29.5
ZR40K3PFJ522	9620	3.33	54.19	17.1	32
ZR42K3PFJ522	10140	3.5	56.8	17.1	30
ZR47K3PFJ522	11500	3.9	64.1	19.3	32.6
ZR68KCPFJ522	16800	5.75	93	28.2	43.5
ZR28K3TFD522	6970	2.33	39.2	5	26
ZR28K3ETFD522	6970	2.33	39.2	5	26
ZR36K3TFD522	8850	3	49.5	5.7	29.5
ZR40K3TFD522	9260	3.33	51.2	6.4	32
ZR47KCTFD522	11400	3.9	63.2	7.2	32.6
ZR47KCETFD522	11400	3.9	63.2	7.2	32.6

ZR48KCTFD522	11500	4.1	67.2	7.5	38
ZR48KCETFD522	11500	4.1	67.2	7.5	38
ZR54KCTFD522	13000	4.5	73.2	8.2	35.5
ZR57KCTFD522	13660	4.75	76.9	8.2	36
ZR57KCETFD522	13660	4.75	76	8.2	36
ZR61KCTFD522	14700	5	82.4	10	35.9
ZR61KCETFD522	14700	5	82.4	10	35.9
ZR68KCTFD522	16500	5.75	93	10	38.2
ZR72KCTFD522	17800	6	98	10	38.2
ZR72KCETFD522	17800	6	98	10	38.2
ZR81KCTFD522	19800	6.75	110.6	12	40
ZR81KCETFD522	19800	6.75	110.6	12	40
ZR94KCTFD522	23000	8	127.2	16.2	59
ZR94KCTFD523	23200	8	127.2	16.2	58.2
ZR94KCETFD523	23200	8	127.2	16.2	58.2
ZR108KCTFD522	26670	9	147.5	17.3	64
ZR108KCETFD523	26670	9	147.5	17.3	64
ZR108KCTFD523	26900	9	144.5	17.3	62.7
ZR125KCTFD522	30660	10	171.4	19.2	64
ZR125KCETFD523	31000	10	165.6	19.2	62.7
ZR125KCTFD523	31000	10	165.6	19.2	62.7
ZR144KCTFD522	34700	12	191.7	19.6	62.7
ZR144KCETFD523	34700	12	191.7	19.6	62.7
ZR144KCTFD523	34700	12	191.7	19.6	62.7
ZR16M3TWD551	37700	13	204.3	25	103.1
ZR16M3ETWD551	37700	13	204.3	17.3	103
ZR19M3TWD551	45900	15	241.9	23.8	112.1
ZR19M3ETWD551	45900	15	241.9	23.8	119

Brand:	Copeland
Connection:	Brazed Tube
Connection Type:	Brazed Tube
Model Number:	ZR72KCE-TFD-522
Range:	ZR
Range Name:	ZR
Range Type:	Scroll Compressors
Voltage (V):	380-420 V
Warranty:	1 Year
Weight:	39kg
Depth With Decoration Panel (mm):	242
Electric Supply:	380-420V / 50Hz / 3ph
Electrical Rating:	13
Phase:	3
Refrigerant Suitability:	R-134aR-22R-407C
Tube Connection Size (mm):	7/8
Width With Decoration Panel (mm):	242
Horse Power:	6

Application Range: Air ConditioningProcess Cooling
Displacement: 17.1



EMERSON
Climate Technologies

Copeland Scroll

MODEL: ZR72KCE-TFD-522
SERIAL: 21A52396T

R410A (KJ)		R410A (KJ)		R410A (KJ)		R410A (KJ)		R410A (KJ)	
HP	kW	HP	kW	HP	kW	HP	kW	HP	kW
1.5	1.1	2.0	1.5	2.5	1.8	3.0	2.2	3.5	2.6
2.0	1.5	2.5	1.8	3.0	2.2	3.5	2.6	4.0	3.0
2.5	1.8	3.0	2.2	3.5	2.6	4.0	3.0	4.5	3.4
3.0	2.2	3.5	2.6	4.0	3.0	4.5	3.4	5.0	3.7

WARNING **AVERTISSEMENT** **ADVERTENCIA**

CAUTION **ATTENTION** **ATENCIÓN**

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