

Cold room, Copeland, ZR scroll, compressor, ZR144KCE-TFD-550, 12HP Copeland Scroll Compressor, Hermetic Compressor Specifications

written by Lilianne | 13 December 2021

Type: Hermetic scroll compressors Producer: Copeland Series: ZR

Model: ZR144KCE-TFD

Technical data

Displacement [m ³ /h]:	33,2
Sound power [dBA]:	75
Sound pressure level [dB]:	64
Net Weight [kg]:	61,2
Gross Weight [kg]:	72
Oil charge [dm ³]:	3,3
Maximum high pressure [bar]:	32
Maximum standstill pressure [bar]:	20
Minimal lowside temperature [°C]:	-35
Maximum lowside temperature [°C]:	52
PED category:	2

Electrical data

Power supply [V/~ /Hz]:	380-420/3/50Hz
Locked rotor current [A]:	118
Max. operating current [A]:	22,3
Winding resistance [Ω]:	1,2

Connections

	inches	
Suction connection with supplied sleeve:	1 3/8"	
Discharge connection with supplied sleeve:	7/8"	

Compressor Copeland Scroll ZR144KCE-TFD-425, R407C, 380-420V

Type of engine: TFD

Displacement: 33.2 m³ / h (191,23 cm³)

Cooling capacity (0 ° C): 20.00 kW.

Oil quantity: 3.38 L.

Noise level: 61 dBA – 1 m.

Max. Noise level: 75 dBA.

Max. Operating current (FLA): 22.3 A.

LRA: 118.0 A.

Connectors: 1.3 / 8 "x 7/8".

Dimensions (LxWxH): 264x285x533 mm

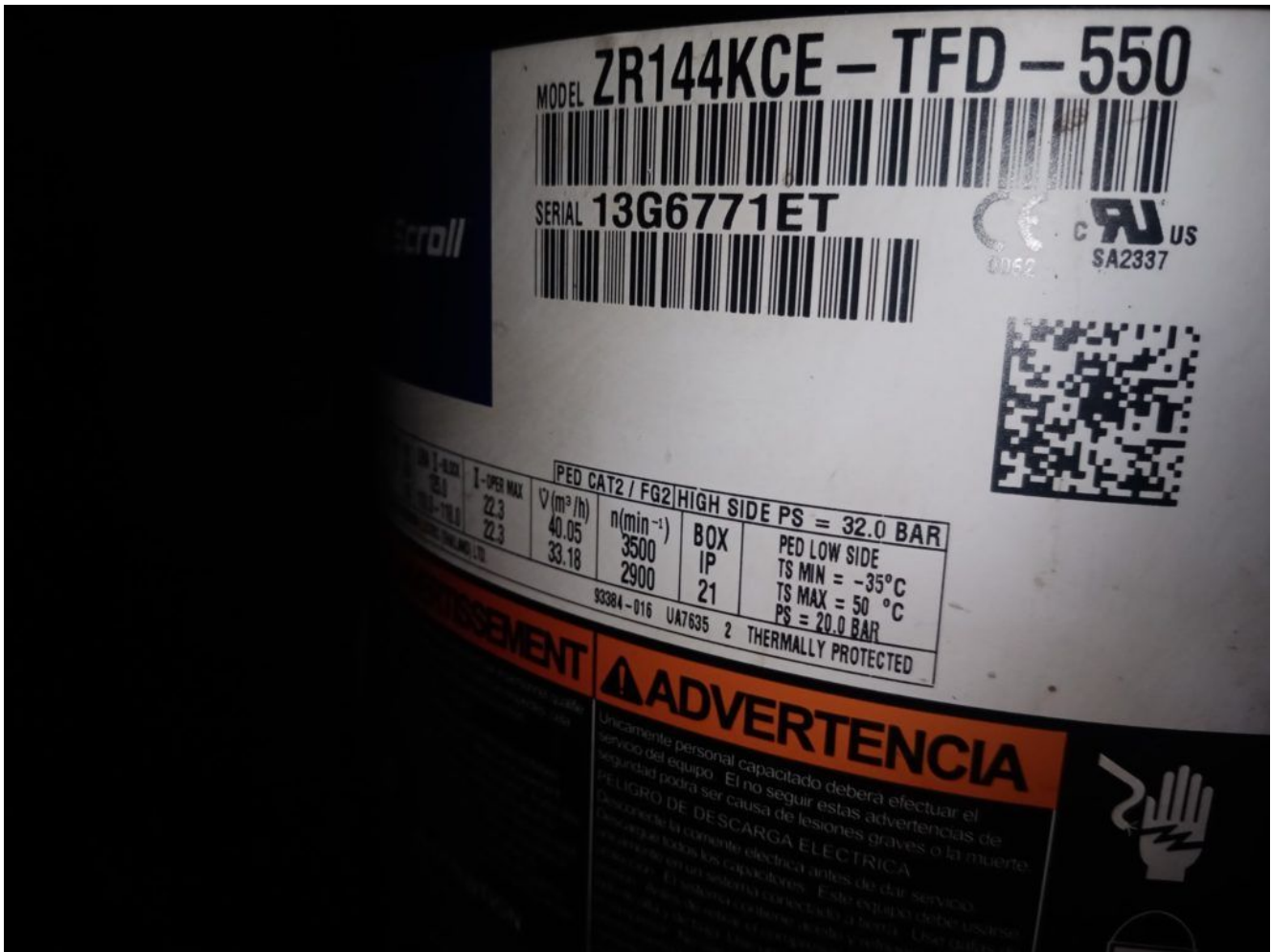
Net Weight: 61.2 kg

Shipping Class	Standard
Scope Of Application	HBP
Lieferzeit	Ca. 10-14 Tage
Type Of Construction	Scroll
Maker	Copeland
Manufacturer No.	ZR144KCE-TFD-425
Style	1
Refrigerants	R407C
Series	ZR
Condensing Units Compressors	Compressors
Suspense	380-420V
Weight In Kg	61

Model	Horse Power (HP)	Cooling capacity(w)	InputPower(kw)	Current (A)	Bottom corner size(mm)	Weight(KG)
ZR144KC-TFD-550	12	34730	10.87	19.6	190	63



Private Picture Copyright: WWW.MBSM.PRO



Private Picture Copyright: WWW.MBSM.PRO

PETRA

PETRA ENGINEERING INDUSTRIES CO.
P.O. BOX 141351 Amman 11814 JORDAN



MODEL REF. No.

SERIAL NO. NOMINAL POWER SUPPLY VOLT/Hz /Ph

COMP. MOTOR A	QTY	VOLT	LRA	RLA	Max. Amp.	hp
	<input type="text" value="1"/>	<input type="text" value="380"/>	<input type="text" value="110"/>	<input type="text" value="19.5"/>	<input type="text" value="22.3"/>	<input type="text" value="12"/>

COMP. MOTOR B	QTY	VOLT	LRA	RLA	Max. Amp.	hp
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COND. FAN MOTOR A	QTY	VOLT	Ph	kW	FLA
	<input type="text" value="2"/>	<input type="text" value="380"/>	<input type="text" value="3"/>	<input type="text" value="0.43"/>	<input type="text" value="1.1"/>

COND. FAN MOTOR B	QTY	VOLT	Ph	kW	FLA
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

EVAP. FAN MOTOR	QTY	VOLT	Ph	kW	FLA
	<input type="text" value="1"/>	<input type="text" value="380"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input type="text" value="8.4"/>

ELECTRIC HEATER	QTY	VOLT	Ph	kW	FLA
	<input type="text" value="3"/>	<input type="text" value="220"/>	<input type="text" value="1"/>	<input type="text" value="3"/>	<input type="text" value="13.5"/>

COIL TEST PRESSURE Psig REFRIGERANT

MINIMUM WATER LOOP VOLUME (GAL)

CHILLER MINIMUM WATER FLOW RATE (GPM)

Made in Jordan



Manufacturing Year

**Compressor, CR32KQ-PFV,
CR32K6-PFV-875, Copeland,
américain, 3 CV, 2.5 3 Ton,
208 230 Volt A/C, 1 PH,
32,000 BTU, R22, R407C,
Hermetic (Reciprocating)
Compressor Replacement**

written by Lilianne | 13 December 2021



Private Picture Copyright: WWW.MBSM.PRO

Compressor, CR32KQ-PFV, CR32K6-PFV-875, Copeland, américain, 3 CV, 2.5 3 Ton, 208 230 Volt A/C, 1 PH, 32,000 BTU, R22, R407C, Hermetic (Reciprocating) Compressor Replacement

**Tecumseh, Copeland,
Compressor, Cross, Reference,
P12FW, Compressor, R-12,
1/3HP, 230V, HMBP, ACC-
ELECTROLUX, CUBIGEL/HUAYI**

written by Lilianne | 13 December 2021

Tecumseh, Copeland, Compressor, Cross, Reference, P12FW,
Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX,
CUBIGEL/HUAYI

**Compresseur, réfrigération
EMBRACO, FF7.5HBK1, FF7.5HBK,
R12, 1/5++ HP, (1/4hp) R134a,
158f/h, Ffc60bk, Kiriazi
Egypt k 330, 330l**

written by Lilianne | 13 December 2021



Conçu pour faire circuler le réfrigérant R12. Ce compresseur remplace un compresseur usé ou cassé pour maintenir votre unité en parfait état et minimiser les temps d'arrêt. 1/5 + ch. 115V.

Ancien numéro de
pièce FF7.5BK

Tecumseh #
AEA3425AXA

Copeland #
ARE25C3-IAA

Compresseur de réfrigération Embraco Universal FF7.5HBK . Contre-pression faible, moyenne et élevée. 1/5 + HP nominal du moteur. À utiliser avec les réfrigérateurs, les machines à glaçons, les armoires pour produits surgelés, les vitrines de produits surgelés, les vitrines, etc.

Remplace Copeland ARE25C3E-IAA, Embraco EMI60HER, FF6HBK, EME60HER, EM65HHC, EM65HNR et EGY70HLP et Tecumseh AEA1360YXA

et AEA3425YXA.

Moteur: Résistive Start Inductive Run (RSIR)

Températures d'évaporation: -10 ° F à 45 ° F

Spécifications du produit

Capacité BTU HBP:	2760
Capacité BTU LBP & amp; MBP:	630
Puissance (HP):	1/5 +
Ampères à rotor bloqué (LRA):	25,0
Type de moteur:	RSIR
Niveau de compétence:	
Couple de démarrage:	Ordinaire
Volts (V):	120

 **Embraco FF 7.5BK**

3065

THERMALLY PROTECTED

10 LRA

R12

1 H

220/240V~
50Hz

JOINVILLE - SC

MADE IN BRAZIL



513203969



0310





Private Picture Copyright : WWW.MBSM.PRO



KIRAZI		شركة اسباجاتلا من مصر كرازي مصنع في مصر	
Model	K-330	Gas	Tropical
Power Supply	220V	L-510	50Hz
Power Consumption (kW / 24h)	0.8	Power Consumption	1.1 A
Freezing Capacity (kg / 24h)	5	Cooling System	20 BPA
Refrigerant	R12		240 gr
Serial Number		مونور تروبيكال	

29193



Mbsm_dot_pro_private_PDF_aftermarket-line-of-products-complete-en-jan-2020-4Télécharger
Mbsm_dot_pro_private_PDF_Ff75bkTélécharger

KCE444HAG , 3/8 Hp , 230V ,

**50Hz, 1Phase ,High / Medium
temperature (HBP / CBP),
R-134a**

written by Lilianne | 13 December 2021

KCE444HAG , 3/8 Hp ,230V, 50Hz, 1Phase ,High / Medium
temperature (HBP / CBP), R-134a

**MBSM.PRO ,Copeland ,KCE432HAG
,Compresseur Hermétique,
1/4HP, R134, 1ph , Afcon
Industrial Equipment,High /
Medium temperature (HBP /
CBP)**

written by Jamila | 13 December 2021

Performance Nominals

High Back Pressure			Capacity						Commercial Back Pressure		
Model	HP	Displacement cc per Rev	7.2°C			-6.7°C			Coating Type (CFM)	Oil Charge Qty (cc)	Net Wt. (Kg.)
			Btu/Hr.	kCal/Hr.	Watt	Btu/Hr.	kCal/Hr.	Watt			
R134a, 50 Hz, 1 Phase											
KCE419HAG	1/6	5.79	1585	399	465	860	217	252	Fan 350	310	10.2
KCN413CAG	1/6	6.15	-	-	-	1080	272	316	Fan 350	340	9.7
KCE425HAG	1/5	7.58	2145	540	629	1075	271	315	Fan 350	310	10.8
KCN416CAG	1/5	7.31	-	-	-	1380	338	392	Fan 350	340	9.7
KCE432HAG	1/4	9.42	2690	678	788	1330	332	390	Fan 350	310	11.8
KCE444HAG	3/8	12.05	3675	926	1077	1880	474	551	Fan 350	310	11.8
KC444HAG	3/8	12.58	3700	932	1064	1720	433	504	Fan 350	890	20.2
KCN463HAG	1/2	15.33	5250	1323	1538	3130	789	917	Fan 350	380	11.5
KC467HAG	1/2	18.27	5600	1411	1640	2830	713	829	Fan 350	890	21.0
KC498HAG	3/4+	25.91	8200	2066	2402	4100	1033	1201	Fan 350	890	21.5
R134a, 60 Hz, 1 Phase 230V											
KCE432HAG	1/4	9.42	3225	813	944	1595	402	467	Fan 350	310	11.8
KCE444HAG	3/8	12.05	4275	1077	1252	2187	551	640	Fan 350	310	11.8
KCN463HAG	1/2	15.33	6300	1588	1845	3443	868	1008	Fan 350	380	11.5
KC467HAG	1/2	18.27	6700	1688	1964	3120	786	914	Fan 350	890	21.0
KC498HAG	3/4+	25.91	9250	2330	2710	4633	1167	1358	Fan 350	890	21.5
R134a, 60Hz, 115V											
KCE444HAG	1/3	12.05	4200	1058	1231	2175	548	637	Fan 350 FM	310	11.8
R22, 50 Hz, 1 Phase											
KCE443HAE	1/3	8.00	3600	907	1054	1620	408	475	Fan 350	310	11.8
KCE461HAE	1/2	11.50	5100	1285	1494	2590	653	759	Fan 350	590	13.4
KCJ513HAE	1	18.27	9350	2356	2740	4210	1061	1234	Fan 350	905	21.5
KCJ513HAE	1 1/4	25.91	12800	3225	3749	6366	1604	1865	Fan 350	890	22.5
CR22K6M-TFM	1 1/2+	40.80	19000	4788	5563	8920	2248	2614	Fan 400	1330	29.8
CR30K6M-PF1	2 1/2	51.47	25000	6300	7330	12000	3024	3516	Fan 400	1330	32.5
CR36K6-PFZ	3	59.65	30100	7585	8814	14200	3578	4161	Fan 400	1330	34.9
CR42K6-PFZ	3 1/2	72.08	36100	9100	10570	17300	4360	5069	Fan 400	1330	34.9
R22, 50 Hz, 3 Phase											
CR22K6M-TFM	1 1/2+	40.80	18350	4633	5373	8260	2082	2420	Fan 400	1330	29.5
CR30K6M-TFM	2 1/2	51.47	24400	6161	7144	11600	2923	3399	Fan 400	1330	30.0
CR36K6-TF6	3	59.66	29900	7535	8755	14500	3654	4249	Fan 400	1330	31.0
CR42K6-TF5	3 1/2	72.09	35100	8845	10278	17200	4334	5040	Fan 400	1330	32.7
KCG554HAE	4 1/2	99.96	45000	11340	13185	-	-	-	Fan 420	2250	50.1
KCG562HAE	5	117.65	52000	13100	15236	-	-	-	Fan 420	2250	50.7
KCG572HAE	6	133.22	60000	15120	17580	-	-	-	Fan 420	2250	51.4
R22, 60 Hz, 1 Phase											
KCE461HAE	1/2	11.50	6100	1537	1788	3082	-	-	Fan 350	510	13.4
KCJ511HAE	1	18.27	10500	2646	3077	4210	1061	1234	Fan 350	905	21.5

Private Picture Copyright : WWW.MBSM.PRO

MBSM.PRO ,Copeland ,KCE432HAG ,Compresseur Hermétique, 1/4HP, R134, 1ph , Afcon Industrial Equipment,High / Medium temperature (HBP / CBP)