

Mbsm.pro, Compressor, Copeland, 1 1/4 Ton, 2 hp, Scroll, ZR16KC-PFV-230, ZR16KA-PFV-830, ZR16K4-PFV-130, 15500 btu, R-22, 230 v, 1 ph

Category: compressor

written by www.mbsm.pro | 12 February 2022



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Mbsm.pro, Compressor, Copeland, 1 1/4 Ton, 2 hp, Scroll, ZR16KC-PFV-230, ZR16KA-PFV-830, ZR16K4-PFV-130, 15500 btu, R-22, 230 v, 1 ph

Mbsm.pro, Compressor, Copeland, ZR90K3-TWD-551, ZR90K3TWD551, 7.5 Hp, R22, 380-420/3/50Hz

Category: compressor

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Mbsm.pro, Compressor, Copeland, ZR90K3-TWD-551, ZR90K3TWD551, 7.5 Hp, R22, 380-420/3/50Hz

Mbsm.pro, Compressor, CRJQ-0300-PFV-593, CRJQ 0300, Copeland, 3-1/4 HP, 208-230V, 1 PH, R22, R407C, Hermetic Compressor, 3300BTU, 9170W

Category: compressor

written by www.mbsm.pro | 12 February 2022

Copeland  MODEL MADE IN U.S.A. MARCA REGISTRADA

CRJQ-0300-PFV-593

SERIAL 96D45450H 07535-030

F3D

THERMALLY PROTECTED

OIL	MO	PRO	VOLTS		PH	HZ	LRA
55	E	U	208	230	1	60	93.0
MIN			200			50	

Mbsm.pro, Compressor, CRJQ-0300-PFV-593, CRJQ 0300, Copeland, 3-1/4 HP, 208-230V, 1 PH, R22, R407C, Hermetic Compressor, 3300BTU, 9170W

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

Category: compressor

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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



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Type: Hermetic scroll compressors **Producer:** Copeland **Series:** ZR

Model: ZR144KCE-TFD

Technical data

Displacement [m³/h]: 33,2
Sound power [dBA]: 75
Sound pressure level [dB]: 64
Net Weight [kg]: 61,2
Gross Weight [kg]: 72
Oil charge [dm³]: 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



MODEL **ZR144KCE - TFD - 550**



SERIAL **13G6771ET**



UL US
SA2337



I-OPER MAX		PED CAT2 / FG2 HIGH SIDE PS = 32.0 BAR	
22.3	22.3	∇ (m ³ /h)	BOX
22.3	22.3	40.05	IP
		33.18	21
		n (min ⁻¹)	PED LOW SIDE
		3500	TS MIN = -35 °C
		2900	TS MAX = 50 °C
			PS = 20.0 BAR
		93384-016 UA7635 2	THERMALLY PROTECTED

WARNING

ADVERTENCIA

Únicamente personal capacitado deberá efectuar el servicio del equipo. El no seguir estas advertencias de seguridad podrá ser causa de lesiones graves o la muerte.

PELIGRO DE DESCARGA ELECTRICA

Desconecte la corriente eléctrica antes de dar servicio. Descargue todos los capacitores. Este equipo debe usarse únicamente en un sistema conectado a tierra. Una falta de conexión a tierra puede causar lesiones graves o la muerte.



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	QTY	VOLT	LRA	RLA	Max. Amp.	hp
A	<input type="text" value="1"/>	<input type="text" value="380"/>	<input type="text" value="110"/>	<input type="text" value="19 6"/>	<input type="text" value="22 3"/>	<input type="text" value="12"/>
B	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

	QTY	VOLT	Ph	kW	FLA
COND. FAN MOTOR A	<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	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
EVAP. FAN MOTOR	<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	<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 6"/>

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

Category: compressor

written by www.mbsm.pro | 12 February 2022



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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

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

Copeland, Piston Type, Maneurop, Scroll type, Compressor

Category: compressor

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Copeland - Piston Type



CRFD-0250TFD	2.5HP	220	30
CRFD-02750TFD	<3HP	220	30
CRFD-02750TFD	<3HP	380	30
CRFD-0300TFD	3HP	220	30
CRFD-0300TFD	3HP	380	30
CRFD-0400TFD	4HP	380	30
CRFD-0450TFD	4.5HP	380	30
CRFD-0500TFD	5HP	380	30

Copeland - Scroll Type



ZR22KC	2HP	220	16
ZR28KC	2.5HP	220	16
ZR34K1	3HP	220	16
ZR34K3	3HP	380	16
ZR36K1	>3HP	220	16
ZR36K3	>3HP	380	16
ZR47K3	4HP	380	16
ZR57K3	5HP	380	16
ZR61K3	>5HP	380	16
ZR72K3	6HP	380	16
ZR81K3	7HP	380	16
ZR94K3	8HP	380	16
ZR125K3	10HP	380	12
ZR144K3	12HP	380	12

Copeland - Piston type



QR90K1	7.5HP	380	4
QR12M1	10HP	380	4
QR15M1	12HP	380	4

Maneurop - Piston Type



MT28	7378BTU	220	8
MT36	9272BTU	380	8
MT40	10475BTU	380	8
MT50	12324BTU	380	8
MT64	15820BTU	380	8
MT80	19534BTU	380	8
MT100	23403BTU	380	4
MT125	30429BTU	380	4
MT160	38273BTU	380	4

Bristol - Piston type



H2NG104FRDF	8HP	380	8
H2NG124FRDF	10HP	380	8
H25G144DBEE	10HP	380	8
H2NG184FRDF	15HP	380	4
H2NG204FRDF	17HP	380	4
H2NG244FRDF	20HP	380	4
H2NG294FRDF	25HP	380	4
H24B25QDBEA	2HP	380	20
H24B28QDBEA	2.5HP	380	20
H24B31QDBEA	3HP	380	20
H24A62QDBEA	5HP	380	20

Copeland, Piston Type, Maneurop, Scroll type, Compressor

Copeland - Piston Type



CRFD-0250TFD	2.5HP	220	30
CRFD-02750TFD	<3HP	220	30
CRFD-02750TFD	<3HP	380	30
CRFD-0300TFD	3HP	220	30
CRFD-0300TFD	3HP	380	30
CRFD-0400TFD	4HP	380	30
CRFD-0450TFD	4.5HP	380	30
CRFD-0500TFD	5HP	380	30

Copeland - Scroll Type



ZR22KC	2HP	220	16
ZR28KC	2.5HP	220	16
ZR34K1	3HP	220	16
ZR34K3	3HP	380	16
ZR36K1	>3HP	220	16
ZR36K3	>3HP	380	16
ZR47K3	4HP	380	16
ZR57K3	5HP	380	16
ZR61K3	>5HP	380	16
ZR72K3	6HP	380	16
ZR81K3	7HP	380	16
ZR94K3	8HP	380	16
ZR125K3	10HP	380	12
ZR144K3	12HP	380	12

Copeland - Piston type



QR90K1	7.5HP	380	4
QR12M1	10HP	380	4
QR15M1	12HP	380	4

Maneurop - Piston Type



MT28	7378BTU	220	8
MT36	9272BTU	380	8
MT40	10475BTU	380	8
MT50	12324BTU	380	8
MT64	15820BTU	380	8
MT80	19534BTU	380	8
MT100	23403BTU	380	4
MT125	30429BTU	380	4
MT160	38273BTU	380	4

Bristol - Piston type

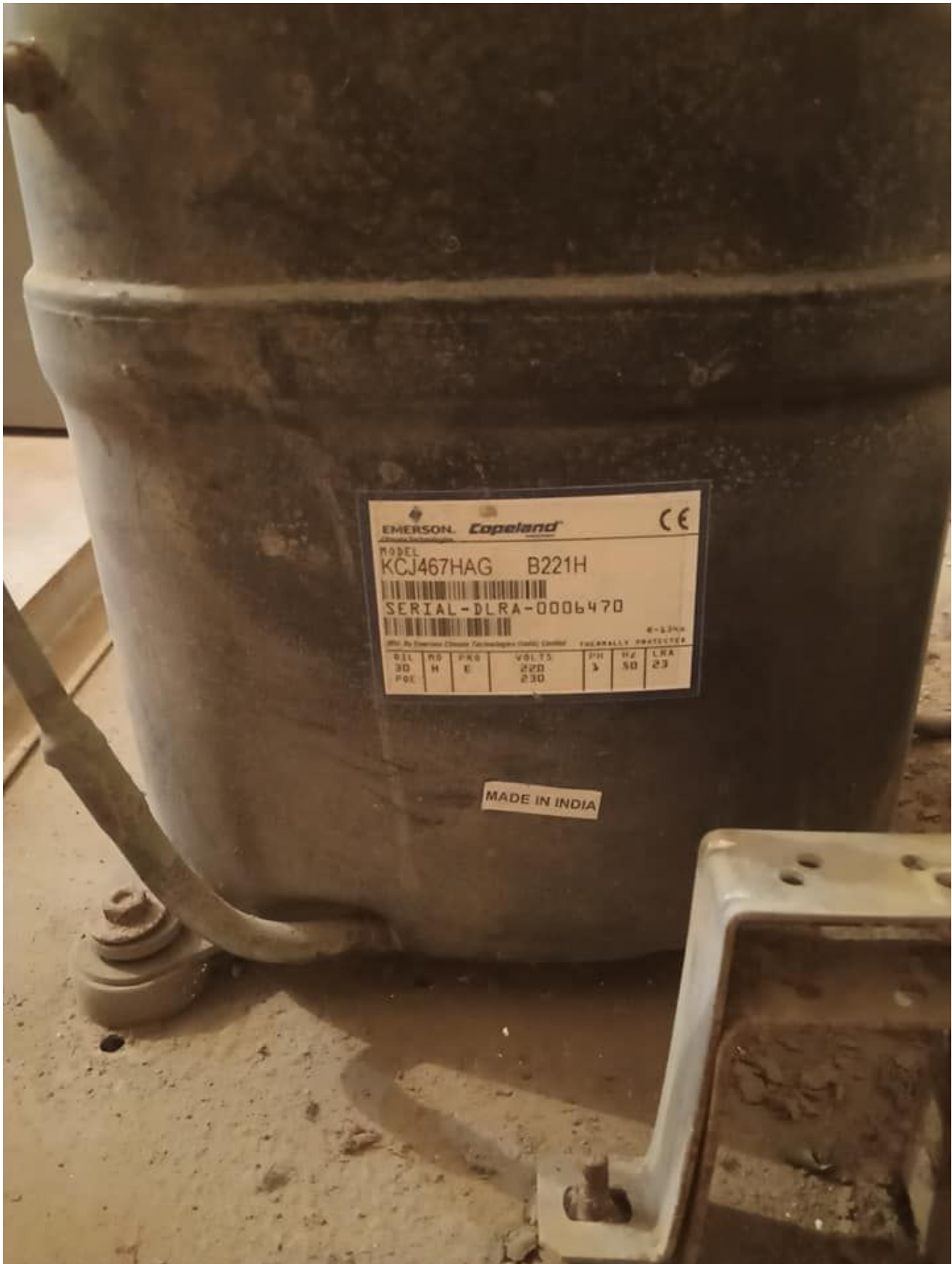


H2NG104FRDF	8HP	380	8
H2NG124FRDF	10HP	380	8
H25G144DBEE	10HP	380	8
H2NG184FRDF	15HP	380	4
H2NG204FRDF	17HP	380	4
H2NG244FRDF	20HP	380	4
H2NG294FRDF	25HP	380	4
H24B25QDBEA	2HP	380	20
H24B28QDBEA	2.5HP	380	20
H24B31QDBEA	3HP	380	20
H24A62QDBEA	5HP	380	20

R134A, MBP, Copeland Hermetic, Reciprocating, Freezer, Compressor, Kcj467Hag, 1/2Hp

Category: compressor

written by www.mbsm.pro | 12 February 2022



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R134A, MBP, Copeland Hermetic, Reciprocating, Freezer, Compressor, Kcj467Hag, 1/2Hp

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

Category: Solutions, Tester ok
 written by Jamila | 12 February 2022

High Back Pressure		Performance Nominals						Commercial Back Pressure			
Model	HP	Displacement cc per Rev	Capacity			Capacity			Coating Type (CTM)	Oil Charge Qty (cc)	Net Wt. (Kg.)
			7.2°C			-6.7°C					
			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	11.5
KCE444HAG	3/8	12.05	3675	926	1077	1890	474	551	Fan 350	310	11.8
KCN444HAG	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
KCE467HAG	1/2	18.27	5600	1411	1640	2830	713	829	Fan 350	890	21.0
KCE498HAG	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	487	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	3243	868	1008	Fan 350	380	11.5
KCN467HAG	1/2	18.27	6700	1688	1964	3120	786	914	Fan 350	890	21.0
KCN498HAG	3/4 +	25.91	9250	2330	2710	4633	1167	1358	Fan 350	890	21.5
R134a, 60 Hz, 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
KCE511HAE	1	18.27	9350	2356	2740	4210	1061	1234	Fan 350	905	21.5
KCE513HAE	1 1/4	25.91	12800	3225	3749	6366	1604	1865	Fan 350	890	22.5
CR22K6M-PF1	1 1/2+	40.80	19000	4768	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-PF2	3	59.65	30100	7585	8814	14200	3578	4161	Fan 400	1330	34.9
CR42K6-PF2	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	2092	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
KCE554HAE	4 1/2	99.96	45000	11340	13185	-	-	-	Fan 420	2250	50.1
KCE562HAE	5	117.65	52000	13100	15236	-	-	-	Fan 420	2250	50.7
KCE572HAE	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
KCE511HAE	1	18.27	10500	2646	3077	4210	1061	1234	Fan 350	905	21.5

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

spera J7238GE Compressor 1.5 HP R407C HBP Technical Specifications and Performance Data

Category: Mbsmpro
 written by www.mbsm.pro | 12 February 2022



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The Aspera J7238GE is a powerhouse in the commercial cooling sector. Delivering 1.5 HP of performance using R407C refrigerant, this Slovakia-built compressor is designed for High Back Pressure applications. With a 32.7 cc displacement and a robust CSR motor, it provides reliable cooling for large-scale industrial chillers and commercial walk-in refrigeration systems worldwide.