

Mbsm.pro , Compressor, CR62KQM-TFD-202, Copeland, Hermetic, 5 hp, 3ph

Category: compressor

written by www.mbsm.pro | 18 November 2024



Mbsm.pro , Compressor, CR62KQM-TFD-202, Copeland, Hermetic, 5 hp, 3ph

Mbsm.pro, Compressor, hkk95aa, 220-240/50 1/5hp, 167w, R600a, lbp

Category: compressor

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The **Comp HKK95AA** is a compressor designed for refrigeration applications, specifically operating at **220-240V** and **50Hz**, with a capacity of **1/5 HP (167W)** and using **R600a refrigerant**. Here are some key details:

- **Model:** Comp HKK95AA
- **Voltage:** 220-240V
- **Frequency:** 50Hz
- **Power:** 1/5 HP (approximately 167W)
- **Refrigerant Type:** R600a (Isobutane)
- The **Comp HKK95AA** compressor is classified as a **Low Back Pressure (LBP)** compressor. This classification means it is designed for applications that operate at lower pressure differentials, making it suitable for domestic refrigeration systems, such as:
- **Household Refrigerators:** These typically maintain temperatures between 0°C to 5°C (32°F to 41°F).
- **Domestic Freezers:** Operating around -18°C (0°F) for effective food preservation.
- LBP compressors are ideal for environments where the cooling load is moderate and consistent, which aligns with the typical usage scenarios for the HKK95AA.

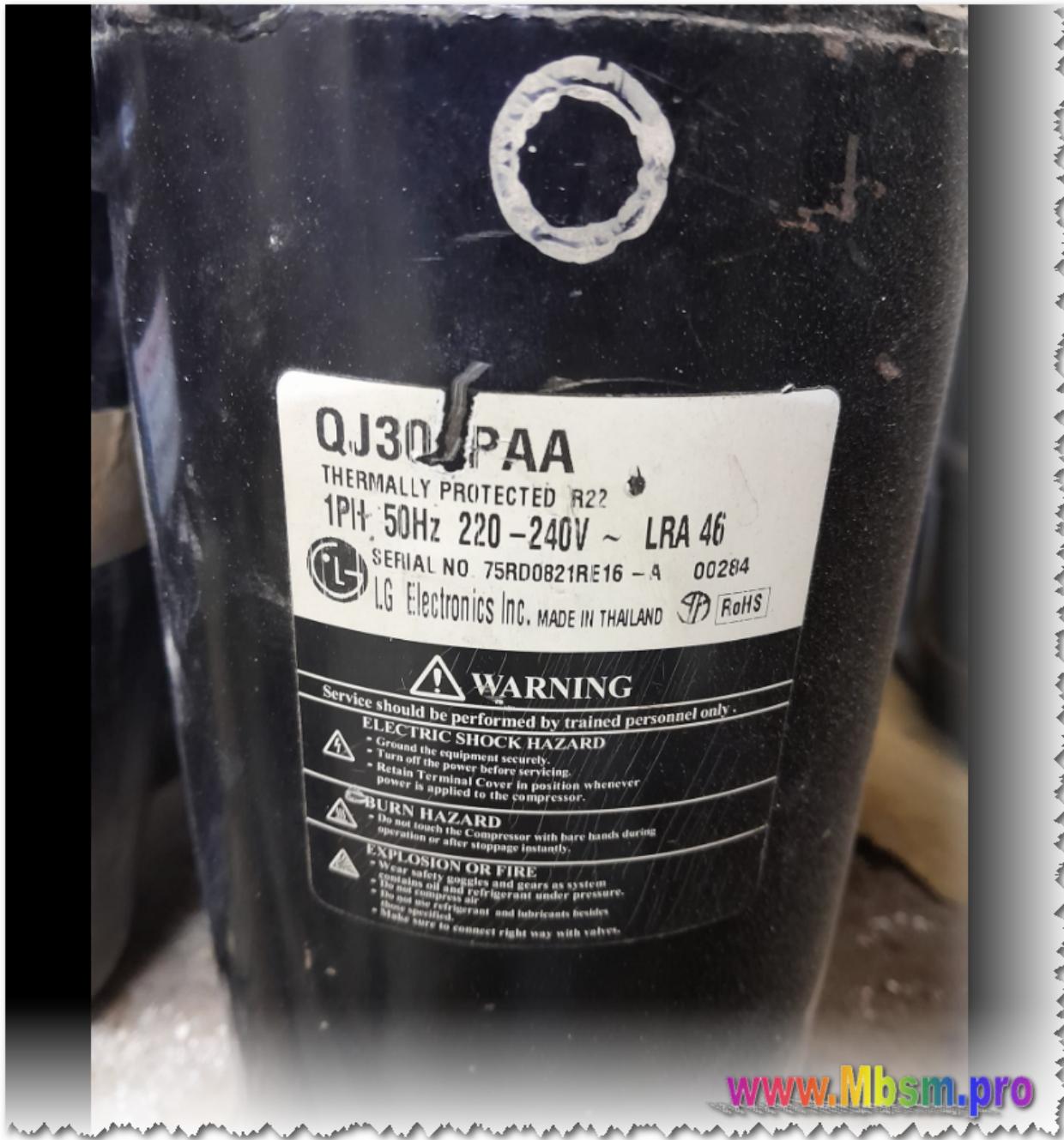


hkk95aaDownload

Mbsm.pro, compressor, QP306P, 18000 btu, 2.25 hp, r410a, 1.5 ton

Category: compressor

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LG QP compressor

QP Series Rotary Compressors In Stock

50/60 Hz

Frequency	Voltage	Model	Cooling Capacity Input Btu/hr	EER	COP
			Watts	Watts Btu/W.hr	W/W
60Hz	1Φ, 208-230V	QP306K	22,600	6,623 2,055 11.00	3.22
60Hz	1Φ, 208-230V	QP325K	24,000	7,033 2,162 11.10	3.25
60Hz	1Φ, 208-230V	QP348K	25,900	7,590 2,312 11.20	3.28
60Hz	1Φ, 208-230V	QP362K	27,000	7,912 2,455 11.00	3.22
60Hz	1Φ, 208-230V	QP376K	27,700	8,117 2,541 10.90	3.19
60Hz	1Φ, 208-230V	QP390K	29,200	8,557 2,646 11.04	3.23
60Hz	1Φ, 208-230V	QP407K	30,100	8,821 2,736 11.00	3.22
60Hz	1Φ, 208-230V	QP425K	31,900	9,348 2,929 10.89	3.19

50Hz	1Φ,220/240V QP306P 18,450	5,407	1,650	11.18	3.28
50Hz	1Φ,220/240V QP325P 19,500	5,714	1,773	11.00	3.22
50Hz	1Φ,220/240V QP348P 20,500	6,007	1,884	10.88	3.19
50Hz	1Φ,220/240V QP376P 22,500	6,593	2,030	11.08	3.25
50Hz	1Φ,220/240V QP390P 23,500	6,886	2,080	11.30	3.31
50Hz	1Φ,220/240V QP407P 24,400	7,150	2,180	11.19	3.28
50Hz	1Φ,220/240V QP425P 25,600	7,502	2,335	10.96	3.21
50Hz	3Φ,380-420V QP425Y 25,000	7,326	2,380	10.50	3.08

LG compressors QP306K

Voltage : 208-230 V/ 60 hz/ 1ph

EER: 11.00 W

Refrigerant : R410A

BTU : 22,600

COP : 3.22

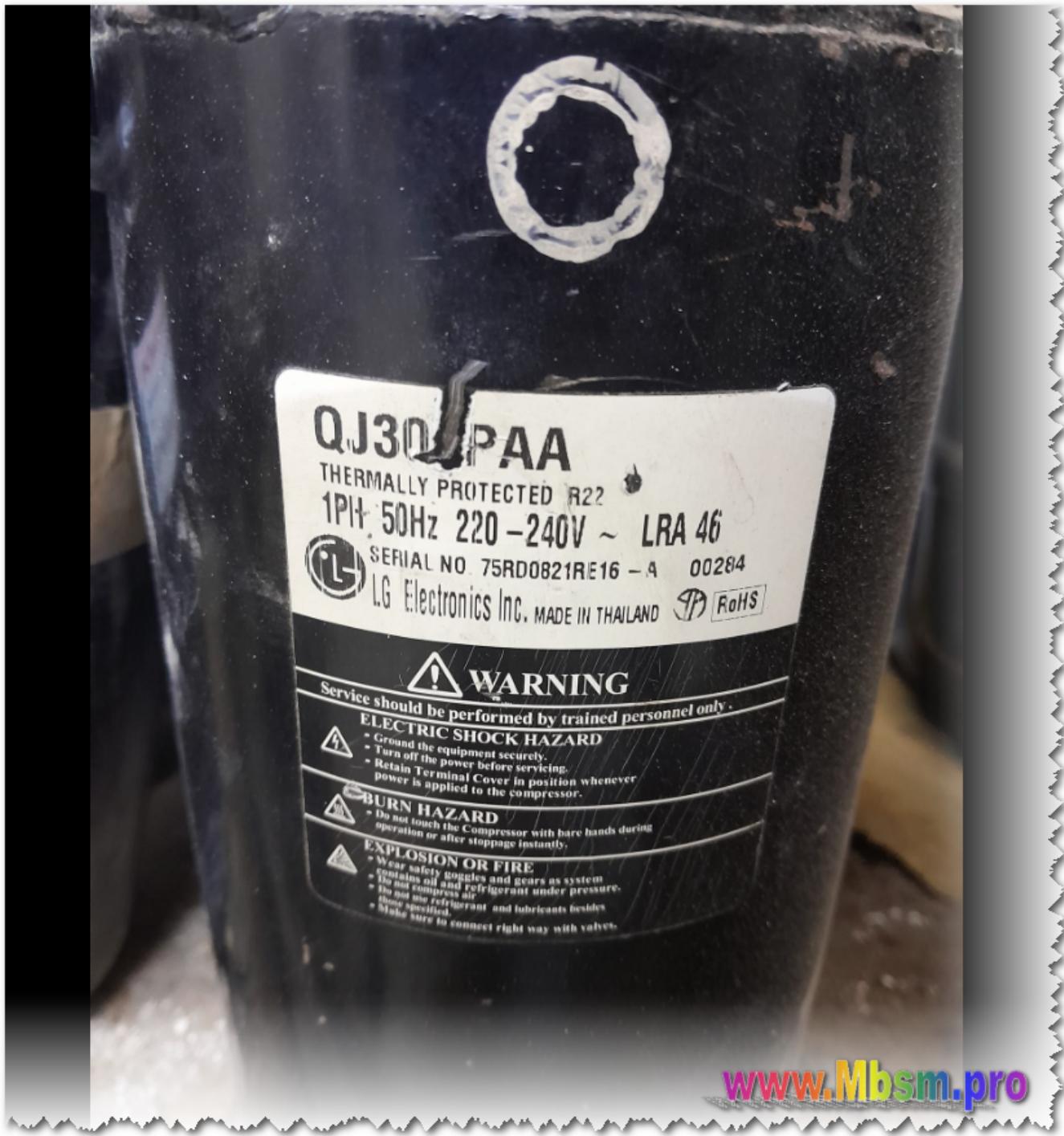
Tecnology : On/Off

Motor type : Single

Weight 8,6 kg

Dimensions : 28 ‐ 28 ‐ 38 cm

Similar models : QP325K(24,000 btu), QP348K(25,900 btu), QP362K(27,000 btu), QP376K(27,700 btu), QP390K(29,200 btu), QP407K(30,100 btu), QP425K(31,900 btu), QP306P(18,450 btu), QP325P(19,500 btu), QP348P(20,500 btu), QP376P(22,500 btu), QP390P(23,500 btu), QP407P(24,400 btu), QP425P(25,600 btu), QP425Y(25,000 btu)



Mbsm.pro, compressor, QXC-16K, 1.2 hp, 9000 btu, r407, 900w

Category: compressor
written by www.mbsm.pro | 18 November 2024



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The **QXC-16K** is a rotary compressor designed for refrigeration applications, particularly in dehumidifiers and air conditioning systems. Here are its key specifications and features:

Specifications

- **Model:** QXC-16K
- **Refrigerant Type:** R407C
- **Voltage:** 220-240V, 50Hz
- **Cooling Capacity:** 2670 W (approximately 9078 Btu/h) at an evaporating temperature of +7.2°C and condensing temperature of +54.4°C.
- **Input Power:** 900 W
- **Displacement:** 16.4 cc/rev
- **Current:** 4.10 A
- **Coefficient of Performance (COP):** 2.97
- **Height:** 293 mm



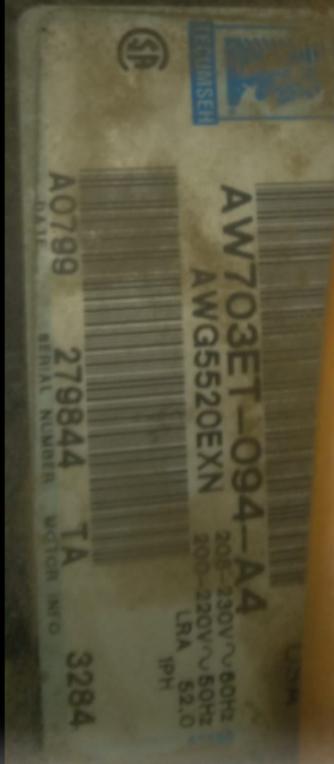
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QXC-16KDownload

Mbsm.pro, Compressor, AW703ET-094-A4, Tecumseh, 2 hp, R-22, R-407C, hbp, 1ph

Category: compressor

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The **AW703ET-094-A4** is a model of compressor produced by Tecumseh, specifically designed for air conditioning and high back pressure (HBP) applications. Here are the key specifications:

Specifications

- **Type:** Reciprocating Compressor
- **Application:** Suitable for air conditioning (AC) and high back pressure (HBP) systems.
- **Refrigerants:** Compatible with R-22 and R-407C.
- **Power:**
 - **Horsepower:** 2 HP
 - **Voltage:**
 - 200-220V at 50Hz

- 208-230V at 60Hz
- **Cooling Capacity:** Approximately 18,800 BTU.
- **Design:** Hermetic type, meaning it is sealed to prevent refrigerant leakage.



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[AW703ET-094-A4Download](#)

Mbsm.pro, compressor , Embraco, EGUS

80HLP, EGUS80HLP, lbp, 1/4 hp, r134a

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Embraco EGUS 80HLP compressor along with its specifications and details related to LBP (Low Back Pressure) applications:

Specification	Details
Model	EGUS 80HLP
Type	Hermetic Compressor
Refrigerant	R-134a
Voltage	115-127V / 220-240V
Frequency	60 Hz (for 115V) / 50 Hz (for 220V)
Nominal Horsepower	1/4 HP (0.25 HP)
Displacement	6.36 cm ³
Cooling Capacity @ -10°F	840 BTU
Cooling Capacity @ 20°F	1995 BTU
Cooling Capacity @ 45°F	3530 BTU
Power Consumption	Approximately 187 watts (0.24 kW)
Application Type	Designed for LBP applications, adaptable for medium/high back pressure (M/HBP) applications
Typical Uses	<ul style="list-style-type: none">– Refrigerators– Freezers– Ice machines– Commercial displays and vending machines

This table provides a comprehensive overview of the Embraco EGUS 80HLP compressor, highlighting its specifications, performance metrics, and

suitability for low back pressure applications.



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Embraco	R-134a	V 60 Hz	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSIR	LST	ASHRAE32
EM2U80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,42	199	6,76	ISO10	RSIR	LST	ASHRAE32
EGUS80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,38	203	6,36	ISO10	RSIR	LST	ASHRAE32
EGDB80HLC	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,59	204	6,44	ISO10	RSIR	LST	ASHRAE32

Embraco	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,24	204	6,44	ISO10	RSIR	LST	ASHRAE32
EGAS80HLR	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4+	1,32	205	6,36	ISO10	RSIR-CSIR	LST	ASHRAE32
EGXB80HLC	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,55	205	6,36	ISO10	RSIR	LST	ASHRAE32
EM2Z80HLT	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSIR	LST	ASHRAE32
EM2Z80HLT	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSIR	LST	ASHRAE32
ONE 80HLP	R-134a	115-127 V 60 Hz	60 Hz	LBP	1/4	1,44	207	6,36	ISO10	RSIR	LST	ASHRAE32
		115-127								RSIR	LST	ASHRAE32

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Embraco EGUS 80HLPDownload

Mbsm.pro, Compressor, CRAQ-0150-PFV-501, Copeland, 1-1/2 HP, 208-230V, 1 PH, 17,000 BTU, R22, R407C, Hermetic

Category: compressor

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Copeland™ Three Phase Compressor Models

TONNAGE	CR6/5 Ton	CRKQ	CR7	CR1,2,3	CRKF	CRKH	ZRK5/K3	Code	Hz-Phase-Volts
1.5T	CR18K6-TF5	CR18KQ-TF5		CRA1-0150-TF5				ZR21K5-TF5	PFV 60-1-208/230
	CR18K6-TFD	CR18KQ-TFD		CRA1-0150-TFD				ZR21K5-TFD	PFJ 60-1-265
	CR22K6-TF5			CRC1-0175-TF5				ZR25K5-TF5	TF5 60-3-200/230
	CR22K6-TFD			CRD1-0200-TF5				ZR25K5-TFD	TFD 60-3-460
2T	CR24K6-TF5	CR24KQ-TF5		CRD1-0200-TFD				ZR28K5-TF5	TFE 60-3-575
	CR24K6-TFD	CR24KQ-TFD		CR28K7-TF5				ZR28K5-TFD	
	CR28K6-TF5	CR28KQ-TF5		CRE1-0225-TF5				ZR28K5-TFD	
	CR28K6-TFD	CR28KQ-TFD		CRE1-0225-TFD				ZR28K5-TFD	
3T	CR30K6-TF5			CRF1-0250-TFD				ZR28K5-TF5	
	CR30K6-TFD	CR30KQ-TFD		CRF1-0250-TF5				ZR28K5-TFD	
	CR32K6-TF5	CR32KQ-TF5		CRG3-0250-TF5				ZR32K5-TF5	
	CR32K6-TFD	CR32KQ-TFD		CRG3-0250-TFD				ZR32K5-TFD	
	CR32K6-TFE	CR33KQ-TFD						ZR32K5-TFE	
	CR35K6-TF5	CR34KQ-TF5		CRH3-0275-TF5				ZR32K5-TF5	
	CR35K6-TFD	CR36KQ-TF5		CRH3-0275-TFD				ZR32K5-TFD	
	CR35K6-TFE	CR36KQ-TFD		CRH3-0290-TFD				ZR32K5-TFE	
3.5T	CR38K6-TF5	CR37KQ-TF5		CRH3-0275-TFE				ZR38K5-TF5	
	CR38K6-TFD	CR37KQ-TFD		CRJ3-0300-TF5				ZR38K5-TFD	
	CR38K6-TFE	CR37KQ-TFE		CRJ3-0300-TFD				ZR38K5-TFE	
	CR38K6-TFE	CR37KQ-TFE		CRJ3-0300-TFE				ZR38K5-TFE	
4T	CR42K6-TF5	CR41KQ-TF5		CRK3-0325-TF5				ZR42K5-TF5	
	CR42K6-TFD	CR41KQ-TFD		CRK3-0325-TFD				ZR42K5-TFD	
	CR42K6-TFE	CRKQ-0325-TFE		CRK3-0325-TFE				ZR42K5-TFE	
	CR47KQ-TF5	CR47KQ-TFD		CRL3-0350-TF5				ZR48K5-TF5	
	CR47KQ-TFD			CRL3-0350-TFD				ZR48K5-TFD	

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Copeland®



MODEL MADE BY COPELAND GmbH IN BELGIUM

CRAQ-0150-PFJ-551



SERIAL 93H 570068



37006853

THERMALLY PROTECTED

Max. Oper. Press. H/L	n 2900	min ⁻¹ (50Hz)	BOX IP
26,5/17 bar	n 3500	min ⁻¹ (60Hz)	21
			NOT

Hz	~	VOLTS	(LRAJ) I-BLOCK	I OPER. MAX	V
50	220-240	34-37	A	9,1	5,70 m ³ /h E
60	265	37	A	8,5	6,84 m ³ /h E

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[copeland-service-cr-compressor-cross-reference-manual-guide-en-us-1569036Download](http://www.Mbsm.pro)

The compressor model CRAQ-0150-PFV-501 is a Hermetic compressor manufactured by Copeland. It is a 1-phase, 208/230V compressor designed for air conditioning applications. The compressor uses HCFC or R-22 refrigerant and operates at 60Hz. Here are some of the key specifications of the CRAQ-0150-PFV-501 compressor:

- **Capacity:** 18,300 – 23,900 BTU/hr
- **Power:** 1,910 – 1,520 W
- **Current:** 8.8 – 7.0 Amps
- **EER:** 9.6 – 15.7 BTU/Wh
- **Mass Flow:** 268 – 308 lbs/hr
- **Sound Power:** 72 – 77 dBA
- **Vibration:** 1.7 – 2.7 mils (peak-peak)
- **Displacement:** 2.00 in³/Rev
- **Overall Length:** 9.44 in
- **Overall Width:** 9.13 in
- **Overall Height:** 13.56 in
- **Mounting Length:** 7.50 in
- **Mounting Width:** 7.50 in
- **Mounting Height:** 13.94 in
- **Suction Size:** 5/8 in
- **Discharge Size:** 3/8 in
- **Initial Oil Charge:** 55 oz
- **Oil Recharge:** 51 oz
- **Net Weight:** 61.0 lbs
- **Internal Free Volume:** 345.0 in³

This compressor is no longer in production and has been replaced by newer, more efficient models. However, it is still a popular choice for replacement applications due to its reliability and performance.

Mbsm.pro, Compressor, QX-34F050, 2 hp, r22, GREE, Rotary Compressor, 20185Btu

Category: compressor
written by www.mbsm.pro | 18 November 2024



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QX-34F050 is a model number for a rotary compressor, specifically the Gree Landa Compressor QX-34F050gA.

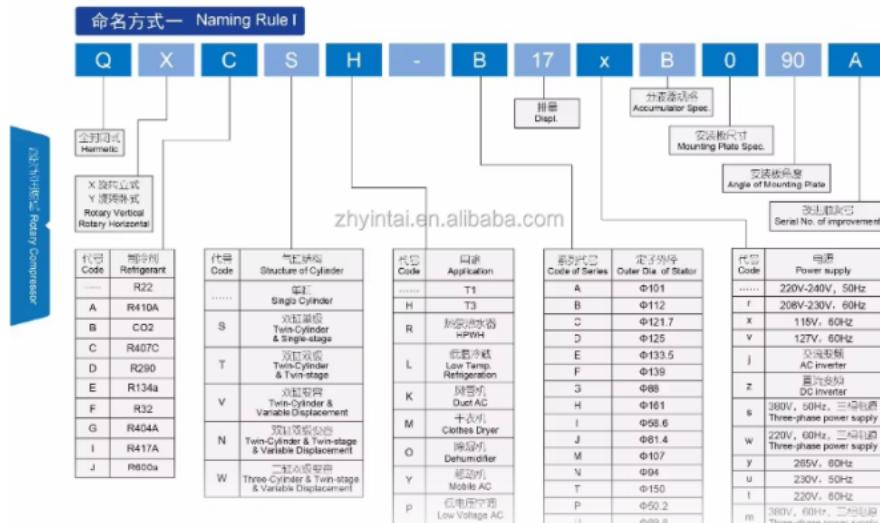
Key Features:

- **Refrigerant:** R22
- **Input Power:** 1810W
- **Cooling Capacity:** 20185 BTU/H
- **Voltage:** 220-240V, 50Hz
- **Applications:** Air conditioning, dryers, refrigeration, chillers, etc.



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ROTARY COMPRESSOR NOMENCLATURE



Model	QX-34F050gA
Displacement	33.7ML/REV
Input	1810W
Capacity	5916W 20185BTU/H
Refrigerant	R22
Voltage	220-240V.50HZ
Cop	3.27W/W
Height	327mm
Usage	T1 working condition

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T1 R22 \ [1φ] 220-240V 50Hz

系列 Series	机型 Model	排量 (CC)	容量 (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	压缩机高度 Compressor height (mm)	测试工况 Test conditions
C	QX-C202	20.2	12912	3784	870	4.35	35μF/450V	293	高性能工况 ASHRAE/T
		20.2	13608	3360	1050	3.20			
	QX-C214	21.1	12010	3988	917	4.35	35μF/450V	293	高性能工况 ASHRAE/T
		21.1	12564	3520	1100	3.20			
	QX-C217	21.7	12564	3682	1150	3.20	35μF/450V	293	ASHRAE/T
	QX-C222	22.2	12999	3810	1189	3.20	35μF/450V	293	ASHRAE/T
	QX-C229	22.9	13364	3917	1223	3.20	35μF/450V	293	ASHRAE/T
D	QX-D238	23.8	13817	4049	1277	3.17	35μF/450V	293	ASHRAE/T
	QX-D273	27.3	15870	4651	1452	3.20	45μF/450V	307	ASHRAE/T
	QX-D287	28.7	16719	4900	1489	3.00	50μF/450V	307	ASHRAE/T
	QX-D29	29.0	16810	4927	1579	3.12	40μF/450V	307	ASHRAE/T
	QX-D295	29.8	17333	5080	1539	3.30	50μF/450V	307	ASHRAE/T
	QX-D305	30.7	17913	5250	1591	3.30	50μF/450V	307	ASHRAE/T
	QX-32	31.5	18654	5467	1735	3.15	45μF/450V	307	ASHRAE/T
F	QX-D336	33.6	20185	5916	1896	3.12	50μF/450V	307	ASHRAE/T
	QX-F295	29.6	19517	5720	1285	4.45	45μF/450V	321	高性能工况 ASHRAE/T
		29.6	17489	5120	1552	3.30	45μF/450V		
	QX-F305	30.6	20421	5985	1345	4.45	50μF/450V	311	ASHRAE/T
	QX-F325	32.5	19350	5871	1746	3.25	50μF/450V	312	ASHRAE/T
	QX-34	33.7	20185	5916	1810	3.27	55μF/450V	327	ASHRAE/T
	QX-F36	35.6	21325	6250	1923	3.25	55μF/450V	327	ASHRAE/T
	QX-37	36.8	22100	6477	1991	3.25	60μF/450V	327	ASHRAE/T

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Brand Name	GREE LANDA		
Model Number	QX-34F050gA	Type	Rotary Compressor
Cooling Capacity(Btu)	20185Btu/h	Horse Power	2HP
Refrigerating capacity(W)	5916W	Displacement(CC)	33.7
Refrigerant	R22	Weight	20KG
Power	1810W	Phase	1
Certification	CE, RoHS	Voltage	220-240V
Height(mm)	327	Frequency	50Hz
Capacitor	55μF/450V	Warranty	1 year
Dimensions of Mouting Plate	φ170	Mouting Plate Angle	50
MOQ	1 pallet	Price	60~80PCS USD 76.95

Place of Origin

China (Mainland)

Port

Zhuhai, China

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Mbsm.pro, Compressor, KULTHORN, c-bzN101, 1/8 hp, lbp, 100 w, r134a, C-BZN140L5Z (1/6Hp), C-BZN175L5Z (1/5Hp), C-BZN200L5R (1/4Hp), C-

BZN250L5W (1/3Hp)

Category: compressor

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c-bzN101 appears to be a model number for a KULTHORN refrigerator compressor. It's specifically a 1/8HP compressor, which is commonly used in smaller refrigerators.

Mbsm.pro, Compressor, SAMSUNG,

MKV190GL2J, Bldc, Inverter, from 93 to 210 w, lbp, r134a, from 560 btu/h to 1167 btu/h

Category: compressor

written by www.mbsm.pro | 18 November 2024



R 134a LBP

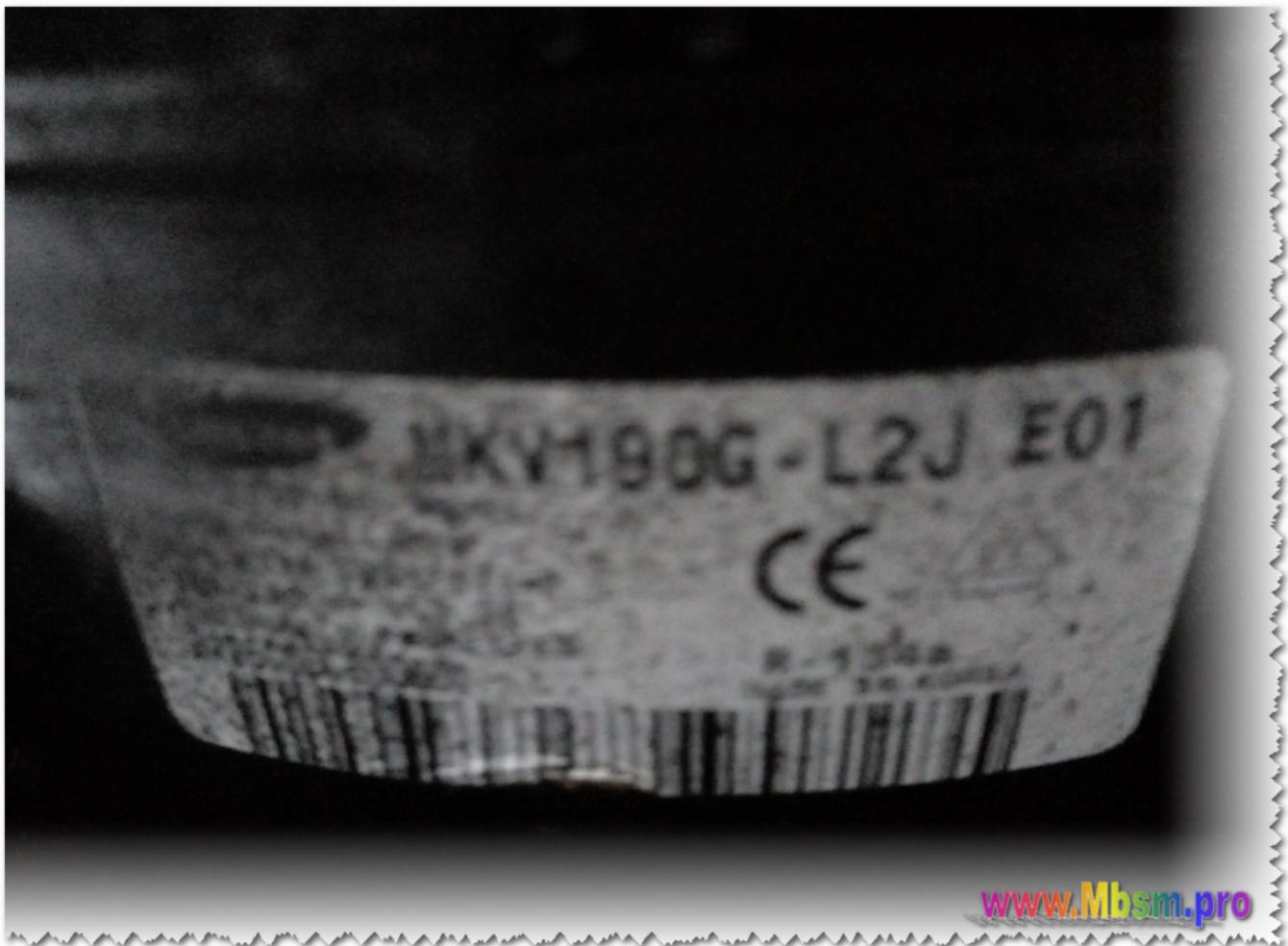
RATED VOLTAGE	MODEL	VOLTAGE [V-Hz]	RUNNING RPM	ASHRAE						COOLING TYPE			
				COOLING CAPACITY			POWER INPUT W	EFFICIENCY					
				Kcal/Hr	Watt	BTU/Hr		EFF	COP	EER			
AC 115V-60Hz	MKV172C-L2J	115-60	1800	110	128	437	72	1.53	1.78	6.07	FC		
			2200	135	157	536	90	1.50	1.74	5.96			
			2880	176	205	699	120	1.47	1.71	5.82			
			3480	212	247	842	151	1.40	1.63	5.57			
	MKV190C-L2B	115-60	3600	223	259	885	160	1.39	1.62	5.53	FC		
			1800	146	170	580	89	1.64	1.91	6.51			
			2200	174	202	691	107	1.63	1.89	6.46			
			2880	227	264	901	145	1.57	1.82	6.22			
	MKV190C-L2J	115-60	3480	274	319	1088	186	1.47	1.71	5.85	FC		
			3600	294	342	1167	200	1.47	1.71	5.84			
			1800	146	170	580	93	1.57	1.83	6.23			
			2200	174	202	691	113	1.54	1.79	6.11			
AC 220-240V-50Hz, 220V-60Hz	MKV172G-L2J	220-50/60	2880	227	264	901	152	1.49	1.74	5.93	FC		
			3480	274	319	1088	195	1.41	1.63	5.58			
			3600	294	342	1167	210	1.40	1.63	5.56			
			1800	110	128	437	72	1.53	1.78	6.07			
	MKV190G-L2B	220-50/60	2200	135	157	536	90	1.50	1.74	5.96	FC		
			2880	176	205	699	120	1.47	1.71	5.82			
			3480	212	247	842	151	1.40	1.63	5.57			
			3600	223	259	885	160	1.39	1.62	5.53			
	MKV190G-L2J	220-50/60	1800	146	170	580	89	1.64	1.91	6.51	FC		
			2200	174	202	691	107	1.63	1.89	6.46			
			2880	227	264	901	145	1.57	1.82	6.22			
			3480	274	319	1088	186	1.47	1.71	5.85			
	MSV162A-L1J	220-60	3600	294	342	1167	200	1.47	1.71	5.84	FC		
AC 200-240V-50Hz, 220V-60Hz			1800	146	170	580	93	1.57	1.83	6.23			
			2200	174	202	691	113	1.54	1.79	6.11			
			2880	227	264	901	152	1.49	1.74	5.93			
			3480	274	319	1088	195	1.41	1.63	5.58			
MSV162A-L1B	220-60	3600	294	342	1167	210	1.40	1.63	5.56	FC			
		1400	80	93	318	56	1.43	1.66	5.67				
		2000	105	122	417	70	1.50	1.74	5.96				
		3000	155	180	615	105	1.48	1.72	5.86				
MSV172A-L1B	220-60	4000	210	244	834	143	1.47	1.71	5.83	ST			
		1200	60	70	238	43	1.40	1.62	5.54				
		2000	105	122	417	68	1.54	1.80	6.13				
		3000	155	180	615	103	1.50	1.75	5.97				
MSV172A-L1B	220-60	4300	225	262	893	160	1.41	1.64	5.58	ST			
		1200	67	78	266	50	1.34	1.56	5.32				
		2000	123	143	488	79	1.56	1.81	6.18				
		3000	192	223	762	125	1.54	1.79	6.10				
		4300	256	298	1016	188	1.36	1.58	5.41				

COOLING TYPE
FC : Fan cooling
OC : Oil cooling
ST : Static

ASHRAE CONDITIONS (LBP)
Evaporating Temp. : -23.3°C (-10°F)
Condensing Temp. : 54.4°C (130°F)
Gas Superheated to : 32.2°C (90°F)
Liquid sub-cooled to : 32.2°C (90°F)
Ambient Temp. : 32.2°C (90°F)

UNIT CONVERSION
1 watt = 3.41 Btu/Hr
1 watt = 0.86 Kcal/Hr
1 Kcal/Hr = 3.97 Btu/Hr

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