

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

Category: compressor

written by Lilianne | 14 November 2024



## LG QP compressor

QP Series Rotary Compressors In Stock

50/60 Hz

Frequency	Voltage	Model	Cooling Capacity Btu/hr	Input Watts	EER Btu/W.hr	COP W/W	
60Hz	1 $\phi$ , 208-230V	QP306K	22,600	6,623	2,055	11.00	3.22
60Hz	1 $\phi$ , 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 Å– 28 Å– 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 Lilianne | 14 November 2024





[www.Mbsm.pro](http://www.Mbsm.pro)

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

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

Category: compressor

written by Lilianne | 14 November 2024



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.



\_AW703ET-094-A4Download

Mbsm.pro, compressor , Embraco, EGUS



# 80HLP, EGUS80HLP, 1bp, 1/4 hp, r134a

Category: compressor

written by Lilianne | 14 November 2024



[www.Mbsm.pro](http://www.Mbsm.pro)

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 <sup>3</sup>
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"><li>– Refrigerators</li><li>– Freezers</li><li>– Ice machines</li><li>– Commercial displays and vending machines</li></ul>

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

suitability for low back pressure applications.



EM2UB0HLP	R-134a	V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSIR	LST	ASHRAE32
EM2UB0HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSCR - 12 µF	LST	ASHRAE32
EM2UB0HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,32	197	6,76	ISO10	RSCR - 15 µF	LST	ASHRAE32
EM2UB0HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSCR - 12 µF	LST	ASHRAE32
EM2UB0HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,46	199	6,76	ISO10	RSCR - 15 µF	LST	ASHRAE32
EM2UB0HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,42	199	6,76	ISO10	RSIR	LST	ASHRAE32
EGUS80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,38	203	6,36	ISO10	RSIR	LST	ASHRAE32
EGD80HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,59	204	6,44	ISO10	RSCR - 12 µF	LST	ASHRAE32

EGAS80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,24	204	6,44	ISO10	RSIR	LST	ASHRAE32
EGAS80HLR	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4+	1,32	205	6,36	ISO10	RSIR-CSIR	LST	ASHRAE32
EGXB0HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,55	205	6,36	ISO10	RSCR - 12 µF	LST	ASHRAE32
EM2280HLT	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSCR - 12 µF	LST	ASHRAE32
EM2280HLT	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,51	205	6,76	ISO10	RSCR - 15 µF	LST	ASHRAE32
ONE 80HLP	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,44	207	6,36	ISO10	RSIR	LST	ASHRAE32
EGD80HLC	R-134a	115-127 V 60 Hz 1 -	60 Hz	LBP	1/4	1,59	204	6,44	ISO10	RSCR - 12 µF	LST	ASHRAE32

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

written by Lilianne | 14 November 2024



[www.Mbsm.pro](http://www.Mbsm.pro)

## 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				PFV	60-1-208/230
	CR18K6-TFD	CR18KQ-TFD		CRA1-0150-TFC				PFJ	60-1-265
	CR22K6-TF5			CRA1-0150-TFD				TF5	60-3-200/230
2T	CR22K6-TFD			CRC1-0175-TF5			ZR21K5-TF5	TFD	60-3-460
	CR24K6-TF5	CR24KQ-TF5		CRD1-0200-TF5			ZR21K5-TFD	TF5	60-3-575
	CR24K6-TFD	CR24KQ-TFD		CRD1-0200-TFD			ZR25K5-TF5	TFD	60-3-575
	CR28K6-TF5	CR28KQ-TF5	CR28K7-TF5	CRE1-0225-TF5			ZR25K5-TFD	TF5	60-3-575
	CR28K6-TFD	CR28KQ-TFD		CRE1-0225-TFD			ZR28K5-TF5	TFD	60-3-575
	CR30K6-TF5						ZR28K5-TFD	TF5	60-3-575
	CR30K6-TFD	CR30KQ-TFD		CRF1-0250-TFD			ZR28K5-TF5	TFD	60-3-575
	CR32K6-TF5	CR32KQ-TF5	CR31K7-TF5	CRF1-0250-TF5			ZR32K5-TF5	TF5	60-3-575
	CR32K6-TFD	CR33KQ-TF5		CRG3-0250-TF5			ZR32K5-TFD	TFD	60-3-575
	CR32K6-TFE	CR33KQ-TFD		CRG3-0250-TFD			ZR32K5-TFE	TFE	60-3-575
3T	CR35K6-TF5	CR34KQ-TF5		CRH3-0275-TF5			ZR32K5-TF5	TF5	60-3-575
	CR35K6-TFD	CR34KQ-TFD		CRH3-0275-TFD			ZR32K5-TFD	TFD	60-3-575
	CR35K6-TFE	CR36KQ-TF5		CRH3-0275-TFE			ZR32K5-TFE	TFE	60-3-575
	CR38K6-TF5	CR37KQ-TF5		CRJ3-0300-TF5			ZR38K5-TF5	TF5	60-3-575
	CR38K6-TFD	CR37KQ-TFD		CRJ3-0300-TFD			ZR38K5-TFD	TFD	60-3-575
	CR38K6-TFE			CRJ3-0300-TFE			ZR38K5-TFE	TFE	60-3-575
	CR42K6-TF5	CR41KQ-TF5		CRK3-0325-TF5			ZR42K5-TF5	TF5	60-3-575
	CR42K6-TFD	CR41KQ-TFD		CRK3-0325-TFD			ZR42K5-TFD	TFD	60-3-575
3.5T	CR42K6-TFE	CR41KQ-TFE		CRK3-0325-TFE			ZR42K5-TFE	TFE	60-3-575
	CR47KQ-TF5	CR47KQ-TF5		CRL3-0350-TF5			ZR48K5-TF5	TF5	60-3-575
	CR47KQ-TFD	CR47KQ-TFD		CRL3-0350-TFD			ZR48K5-TFD	TFD	60-3-575
4T									

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[copeland-service-cr-compressor-cross-reference-manual-guide-en-us-1569036Download](#)

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 in<sup>3</sup>/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 in<sup>3</sup>

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.

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

Category: compressor

written by Lilianne | 14 November 2024



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

#### 命名方式一 Naming Rule I

Q X C S H - B 17 x B 0 90 A

旋转压缩机 Rotary Compressor



代号 Code	制冷剂 Refrigerant
.....	R22
A	R410A
B	CO2
C	R407C
D	R290
E	R134a
F	R32
G	R404A
I	R417A
J	R600a

代号 Code	气缸结构 Structure of Cylinder
.....	单缸 Single Cylinder
S	双缸双级 Twin-Cylinder & Single-stage
T	双缸双级 Twin-Cylinder & Two-stage
V	双缸双级 Twin-Cylinder & Variable Displacement
N	双缸双级 Twin-Cylinder & Two-stage & Variable Displacement
W	三缸双级 Twin-stage & Variable Displacement

代号 Code	应用 Application
.....	T1
H	T3
R	热泵/除湿器 HPWH
L	低温冷藏 Low Temp. Refrigeration
K	风管机 Duct AC
M	干衣机 Clothes Dryer
O	除湿机 Dehumidifier
Y	移动式 Mobile AC
P	低电压电压 Low Voltage AC

系列代号 Code of Series	定子外径 Outer Dia. of Stator
A	Φ101
B	Φ112
C	Φ121.7
D	Φ125
E	Φ133.5
F	Φ139
G	Φ88
H	Φ161
I	Φ56.6
J	Φ61.4
M	Φ107
N	Φ94
T	Φ150
P	Φ50.2
U	Φ89.8

代号 Code	电源 Power supply
.....	220V-240V, 50Hz
f	208V-230V, 60Hz
x	115V, 60Hz
v	127V, 60Hz
i	交流变频 AC inverter
z	直流变频 DC inverter
s	380V, 50Hz, 三相电源 Three-phase power supply
w	220V, 60Hz, 三相电源 Three-phase power supply
y	285V, 60Hz
u	230V, 50Hz
t	220V, 60Hz
m	380V, 60Hz, 三相电源 Three-phase power supply

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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	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (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
		20.2	13608	3360	1050	3.20			ASHRAE/T
	QX-C214	21.1	12010	3988	917	4.35	35μF/450V	293	高性能工况
		21.1	12564	3520	1100	3.20			ASHRAE/T
	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	13384	3917	1223	3.20	35μF/450V	293	ASHRAE/T	
QX-C238	23.8	13817	4049	1277	3.17	35μF/450V	293	ASHRAE/T	
D	QX-D273	27.3	15870	4651	1452	3.20	45μF/450V	307	ASHRAE/T
	QX-D287	28.7	16719	4989	1539	3.30	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
QX-D336	33.6	20185	5916	1896	3.12	50μF/450V	307	ASHRAE/T	
F	QX-F295	29.6	19517	5720	1285	4.45	45μF/450V	321	高性能工况
	29.6	17469	5120	1552	3.30	45μF/450V	ASHRAE/T		
	QX-F305	30.6	20421	5985	1345	4.45	50μF/450V	311	高性能T况
	30.6	18049	5290	1603	3.30	50μF/450V	ASHRAE/T		
	QX-F325	32.5	19350	5671	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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<b>Brand Name</b>	GREE LANDA	<b>Application</b>	Air condition
<b>Model Number</b>	QX-34F050gA	<b>Type</b>	Rotary Compressor
<b>Cooling Capacity(Btu)</b>	20185Btu/h	<b>Horse Power</b>	2HP
<b>Refrigerating capacity(W)</b>	5916W	<b>Displacement(CC)</b>	33.7
<b>Refrigerant</b>	R22	<b>Weight</b>	20KG
<b>Power</b>	1810W	<b>Phase</b>	1
<b>Certification</b>	CE, RoHS	<b>Voltage</b>	220-240V
<b>Height(mm)</b>	327	<b>Frequency</b>	50Hz
<b>Capacitor</b>	55μf/450V	<b>Warranty</b>	1 year
<b>Dimensions of Mouting Plate</b>	φ170	<b>Mouting Plate Angle</b>	50
<b>MOQ</b>	1 pallet	<b>Price</b>	60~80PCS USD 76.95
<b>Place of Origin</b>	China (Mainland)	<b>Port</b>	Zhuhai Airport

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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

written by Lilianne | 14 November 2024



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.

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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 Lilianne | 14 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 Kcal/WHr	COP WW	EER BTU/WHr		
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		
			3600	223	259	885	160	1.39	1.62	5.53		
	MKV190C-L2B	115-60	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		
			3600	294	342	1167	200	1.47	1.71	5.84		
	MKV190C-L2J	115-60	1800	146	170	580	93	1.57	1.83	6.23	FC	
			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			
3600			294	342	1167	210	1.40	1.63	5.56			
AC 220-240V-50Hz, 220V-60Hz	MKV172G-L2J	220-50/60	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		
			3600	223	259	885	160	1.39	1.62	5.53		
	MKV190G-L2B	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		
			3600	294	342	1167	200	1.47	1.71	5.84		
	MKV190G-L2J	220-50/60	1800	146	170	580	93	1.57	1.83	6.23	FC	
			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			
3600			294	342	1167	210	1.40	1.63	5.56			
AC 200-240V-50Hz, 220V-60Hz	MSV162A-L1J	220-60	1400	80	93	318	56	1.43	1.66	5.67	ST	
			2000	105	122	417	70	1.50	1.74	5.96		
			3000	155	180	615	105	1.48	1.72	5.86		
	MSV162A-L1B	220-60	1200	60	70	238	43	1.40	1.62	5.54	ST	
			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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Mbsm.pro, Compressor, MC57LAEM, Lg, 171 w, 1/5 hp, r134a, Lbp

Category: compressor



- **Type:** Reciprocating compressor
- **Frequency:** 50Hz
- **Voltage:** 220-240V
- **Displacement:** 5.7 cm<sup>3</sup>/rev
- **Cooling Capacity:** 147 kcal/h
- **Input Power:** 171 W
- **COP:** 0.229
- **EER:** 106
- **HP:** 1/5 hp

This compressor is known for its reliable performance, energy efficiency, and quiet operation. It's a popular choice for replacement in various refrigeration appliances.

S LG P  
R134a  
MC57LAEM  
220 - 240V - 50Hz 1PH  
THERMALLY PROTECTED  
ROHS Taichou LG Electronics Refrigeration Co., Ltd. MADE IN CHINA  
FMC57LAEM113042103490



R134a	LBP	220-240	50	MA62LDJM	6.2	150	174	596	1/5+	122	1.4	4.88	-	-	-	-	-	-	
				MA62LBEG	6.2	150	174	596	1/5+	127	1.4	4.69	-	-	-	-	-	-	-
MA62LCEG	6.2	150	174	596	1/5+	127	1.4	4.69	-	-	-	-	-	-	-	-	-	-	
MA69LAEM	6.9	172	200	683	1/4+	148	1.4	4.61	-	-	-	-	-	-	-	-	-	-	
MA69UHEP	6.9	170	198	675	1/4+	159	1.2	4.24	-	-	-	-	-	-	-	-	-	-	
MA69LKEM	6.9	169	197	671	1/4+	135	1.5	4.97	-	-	-	-	-	-	-	-	-	-	
MA69LEJG	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA69LJEP	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA69LHEM	6.9	169	197	671	1/4+	146	1.4	4.61	-	-	-	-	-	-	-	-	-	-	
MA69LHEG	6.9	169	197	671	1/4+	152	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA72LBJG	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA72LHEM	7.2	180	209	715	1/4+	155	1.4	4.61	-	-	-	-	-	-	-	-	-	-	
MA72LKEM	7.2	180	209	715	1/4+	144	1.5	4.96	-	-	-	-	-	-	-	-	-	-	
MA72LBEM	7.2	180	209	715	1/4+	155	1.4	4.61	-	-	-	-	-	-	-	-	-	-	
MA72LJEP *	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA72LJEG *	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA72LHEG	7.2	180	209	715	1/4+	162	1.3	4.41	-	-	-	-	-	-	-	-	-	-	
MA88LAEP	8.8	235	273	933	1/3+	227	1.2	4.11	-	-	-	-	-	-	-	-	-	-	
220-240 220	50 60	MA53LATG	5.3	124	144	492	1/6+	123	1.2	4.00	146	169	580	132	1	4	-	-	
		MA53LHEM	5.3	140	163	556	1/5+	104	1.6	5.34	-	-	-	-	-	-	-	-	
220-240	50	MC53LBEM	5.3	139	162	552	1/5+	105	1.5	5.26	-	-	-	-	-	-	-	-	
		MC57LAEM	5.7	147	171	584	1/5+	106	1.6	5.50	-	-	-	-	-	-	-	-	
		MC57LBEM	5.7	147	171	584	1/5+	106	1.6	5.50	-	-	-	-	-	-	-	-	
220	50	MA57LBJM	5.7	145	169	576	1/5+	109	1.5	5.28	-	-	-	-	-	-	-	-	
HBP	220-240	50	MA53HAEF	5.3	440	512	1747	1/5+	233	2.2	7.50	-	-	-	-	-	-	-	-
			MA42HJEP	4.2	355	413	1409	1/7	180	2.3	7.83	-	-	-	-	-	-	-	-
			MA62HAEG	6.2	520	605	2064	1/5+	275	2.2	7.51	-	-	-	-	-	-	-	-
			MA62HAEF	6.2	520	605	2064	1/5+	275	2.2	7.51	-	-	-	-	-	-	-	-
			MA53HJEP	5.3	440	512	1747	1/5	233	2.2	7.50	-	-	-	-	-	-	-	-
			MA72HAEF	7.2	630	733	2501	1/4+	355	2.1	7.05	-	-	-	-	-	-	-	-

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MC57LAEMDownload  
Compressor MC57LAEM Lg 171 w 15 hp r134a LbpDownload

# Mbsm.pro, Compressor, NE2134Z , GP16FB, 363 w, 1/2 hp, Lbp, r134a, Embraco (Aspera)

Category: compressor  
written by Lilianne | 14 November 2024



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#### NE2134Z Compressor Specifications

**Applications:** Refrigerators, small freezers, and small refrigeration units

**Brand:** Often manufactured by Embraco (Aspera).

**Type:** Hermetic

**Refrigerant:** R134a

**Voltage:** 220-240V

**Frequency:** 50 Hz

**Displacement:** 14.3 cm<sup>3</sup>


**Temperature Range:** -35°C to -5°C

Compressor Embraco Aspera NE2134Z, LBP – R134a, 220 – 240V/1/50Hz, 1,/2 HP, discharge 14.28 cm<sup>3</sup>, LRA 17.00 A, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml, 364 W at -23.3 / 54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11.65 kg


Refrigerant:	R134a
Power range(W):	301 – 400 W
Working area:	LBP
Design type:	Hermetic
Model series:	NE
Use with:	Expansion/Capillary
Power range(HP):	0-2
Power supply:	230 V
Oil type:	POE22
Engine type:	CSIR
Article condition:	New
Info:	Oil filled

Shipping weight: 13,70 kg  
 Content: 1,00 Pieces  
 Dimensions ( Length × Width × Height ): 24,20 × 17,80 × 20,60 cm  
 customs tariff number: 84143081  
 Cooling capacity condition: -23,3 / +54,4  
 Manufacturer: Embraco Aspera  
 Model: NE2134Z  
 Stroke volume (cm3): 14,28  
 Cooling capacity (W): 364  
 Power (HP): 0,5  
 Max. Starting current (A): 17  
 Engine type: CSIR  
 Note: Fan cooling necessary  
 Oil quantity (l): 0,35  
 Compressor type: Piston  
 Alternative: GP16FB


MODEL  
**NE2134Z**












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**APPROVALS**



<p> <b>ENGINEERING CODE</b> 263CA51</p> <p> <b>APPROVED REFRIGERANT</b> R-134a</p> <p> <b>POWER SUPPLY</b> 220-240 V 50 Hz</p> <p> <b>STANDARD CONDITIONS</b> ARI 540</p> <p> <b>APPLICATION</b> LBP</p>	<p> <b>COOLING CAPACITY</b> 302 W (LBP)</p> <p> <b>EFFICIENCY</b> 1.05 W/W (LBP)</p> <p> <b>MOTOR TYPE</b> CSIR</p> <p> <b>STARTING TORQUE</b> HST</p>
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## General Data

Type	Hermetic reciprocating
Technology Type	On-Off
Displacement	14.28 cm <sup>3</sup>
Compressor Cooling	Fan/NotControlled/220
Fan Air Flow	520 m <sup>3</sup> /h
Expansion Device	Capillary Tube or Expansion Valve
Horse Power	1/2 hp
Max Condensing Pressure Operating	13.92 bar
Max Condensing Pressure Peak	15.62 bar
Power Supply	220-240 V 50 Hz
Evaporating Temperature Range	-30 °C to -5 °C

## Electrical Data

Motor type	CSIR
Starting Torque	HST
Start Winding Resistance	31.5 Ω at 25° C
Run Winding Resistance	4.8 Ω at 25° C



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