

# Mbsm.pro, COPLAND, Compressor, KCJ511HAE, KCJ511HAE-BXXX, HBP, 1-3/8 hp big ++, R-22, 230 V, 50 Hz, 1PH, FAN, 350 ft<sup>3</sup> / m

written by Lilianne | 30 December 2021

Technical Specification	
Cooling Capacity (Btu/hr)	11275
Cooling Capacity (w)	3302
HP	1-3/8
LRA	54

## COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders 2

Displacement @ 50 Hz, cu.m/h 3.2

Bore/Stroke, mm 3.5/1.9

Length/Width, mm 235/179

Height, mm 264

Net Weight, kg 21.5

Stub Suction, inch 5/16

Stub Discharge, inch 5/16

Oil Quantity, l 0.9

Base mounting (hole dia), mm NA (0.0)

Sound Pressure @ 1m (HT), dBA 57

Sound Power (HT), dBA 68

COMPRESSOR ELECTRICAL DATA (220/240V – 1~ – 50Hz)

Locked Rotor Current, A 25

Default Enclosure Class IP 21 (IEC 34)

ACCESSORIES OPTIONAL

Mounting Grommets Standard

Single Phase Equipment Relay, Start and Run Capacitor



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Horse Power

50HZ

Brand

COPLAND

Compressor Technology

HERMETIC

Model Name/Number

KCJ511HAE

Power

220V



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Mbsm\_dot\_pro\_private\_PDF\_KCJ511HAETélécharger  
Mbsm\_dot\_pro\_private\_PDF\_KCJ511HAE-1Télécharger

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**Mbsm.pro, Compressor,  
JIAXIPERA, ND1080Y, 1/8HP,  
ND1090Y, 1/8+HP, ND1110Y,  
1/7HP, ND1111Y, 1/6-HP,**

**ND1112Y, 1/6+HP, NX1080Y,  
1/8HP, NX1090Y, 1/8+HP,  
NX1110Y, 1/7HP, NX1111Y,  
1/6HP, NX1112Y, 1/6+HP,  
NX1113Y, 1/5HP, NX1114Y,  
1/5+HP, NX1116Y, 1/4HP,  
NX1117Y, 1/4HP, NX1119Y,  
1/4+HP, NX1120Y, 1/4+HP,  
TB1080Y, 1/8HP, TB1090Y,  
1/8+HP, TB1110Y, 1/7HP,  
TB1111Y, 1/6HP, TB1112Y,  
1/6+HP, TB1113Y, 1/5HP,  
TB1114Y, 1/5+HP, TX1080Y,  
1/8HP, TX1090Y, 1/8+HP,  
TX1110Y, 1/7HP, TX1111Y,  
1/6HP, TX1112Y, 1/6+HP,  
TX1113Y, 1/5HP, TX1114Y,  
1/5+HP, VNX1111Y, 1/6HP,**

# **VNX1113Y, 1/5HP, VNX1116Y, 1/4HP, ZBX1117CY, 1/4HP, ZBX1119CY, 1/4+HP, ZBX1121CY, 1/4+HP**

written by Lilianne | 30 December 2021

Mbsm.pro, Compressor, JIAXIPERA, ND1080Y, 1/8HP, ND1090Y, 1/8+HP, ND1110Y, 1/7HP, ND1111Y, 1/6-HP, ND1112Y, 1/6+HP, NX1080Y, 1/8HP, NX1090Y, 1/8+HP, NX1110Y, 1/7HP, NX1111Y, 1/6HP, NX1112Y, 1/6+HP, NX1113Y, 1/5HP, NX1114Y, 1/5+HP, NX1116Y, 1/4HP, NX1117Y, 1/4HP, NX1119Y, 1/4+HP, NX1120Y, 1/4+HP, TB1080Y, 1/8HP, TB1090Y, 1/8+HP, TB1110Y, 1/7HP, TB1111Y, 1/6HP, TB1112Y, 1/6+HP, TB1113Y, 1/5HP, TB1114Y, 1/5+HP, TX1080Y, 1/8HP, TX1090Y, 1/8+HP, TX1110Y, 1/7HP, TX1111Y, 1/6HP, TX1112Y, 1/6+HP, TX1113Y, 1/5HP, TX1114Y, 1/5+HP, VNX1111Y, 1/6HP, VNX1113Y, 1/5HP, VNX1116Y, 1/4HP, ZBX1117CY, 1/4HP, ZBX1119CY, 1/4+HP, ZBX1121CY, 1/4+HP



**ZBX 1119 CY**

**1 / 4 + HP**



**ZBX 1121 CY**

**1 / 4 + HP**



**ZBX 1122 CY**

**1 / 4 + HP**







 <p><b>NX 1110 Y</b> <b>1 / 7 HP</b></p>	 <p><b>NX 1111 Y</b> <b>1 / 6 HP</b></p>	 <p><b>NX 1112 Y</b> <b>1 / 6 + HP</b></p>
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 <p><b>NX 1113 Y</b> <b>1 / 5 HP</b></p>	 <p><b>NX 1114 Y</b> <b>1 / 5 + HP</b></p>	 <p><b>NX 1116 Y</b> <b>1 / 4 HP</b></p>
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 <p><b>NX 1117 Y</b> <b>1 / 4 HP</b></p>	 <p><b>NX 1119 Y</b> <b>1 / 4 + HP</b></p>	 <p><b>NX 1120 Y</b> <b>1 / 4 + HP</b></p>
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**MH 1110 Y**

**1 / 6 - HP**

**ND 1070 Y**

**1 / 9 HP**

**ND 1080 Y**

**1 / 8 HP**



**ND 1090 Y**

**1 / 8 + HP**



**ND 1110 Y**

**1 / 7 HP**



**ND 1111 Y**

**1 / 6 - HP**



**ND 1112 Y**

**1 / 6 + HP**



**NX 1080 Y**

**1 / 8 HP**



**NX 1090 Y**

**1 / 8 + HP**



**JK 1080 Y**

**1 / 8 + HP**



**JK 1090 FY**

**1 / 6 - HP**



**JK 1110 Y**

**1 / 7 HP**



**JK 1111 HY**

**1 / 6 - HP**



**MH 1050 Y**

**1 / 12 HP**



**MH 1090 Y**

**1 / 8 + HP**

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**Mbsm.pro, Deep, freezer,  
congela, 383 Litre,  
Compressor, R134A, 215W, 1/4**

# Hp++, 1/3 Hp-, 215W

written by Lilianne | 30 December 2021

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**Mbsm.pro, Refrigeration,  
Compressor, GQR12TG, 3/8+ hp  
(big) ++, HBP, 1168W, 1/2 Hp  
(LBP) , CSIR, R134A, Starting  
Capacitor 80UF, Displacement  
12.0cm<sup>3</sup>**

written by Lilianne | 30 December 2021



**GQR12TG Freezing**



The GQR12TG is a hermetic reciprocating compressor

manufactured by Sikelan. It is a 3/8 HP compressor that uses R134a refrigerant. It is designed for use in commercial refrigeration applications, such as water dispensers, ice machines, and small freezers.

The GQR12TG has a displacement of 12.8 cc and a cooling capacity of 1168 W. It has a voltage rating of 220-240 V and a frequency rating of 50-60 Hz. The compressor is also equipped with a current relay for starting.

Here are some of the key features of the GQR12TG compressor:

- 3/8 HP
- R134a refrigerant
- 12.8 cc displacement
- 1168 W cooling capacity
- 220-240 V voltage
- 50-60 Hz frequency
- Current relay for starting
- High back pressure design

Vol./Freq.□	220-240V / 50-60Hz
Cooling Capacity□	1168W
C.O.P□	2.20
Horse Power□	3/8+
Refrigerant□	R134A
Application□	HBP
The Evaporating Temperature (W)□	7.2°C

- 1)GQR12TG, WZ series, use R134A refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: CSIR;
- 5)Cooling type: Fan;
- 6)Starting device is Current Starting Relay;
- 7)Application: Middle/Hight Back Pressure;
- 8)Nominal power is 3/8+HP;

9)COP is 2.3 with the cooling capacity 1168W.

## 1. Product Performance

- 1)GQR12TG, WZ series, use R134A refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: CSIR;
- 5)Cooling type: Fan;
- 6)Starting device is Current Starting Relay;
- 7)Application: Middle/Hight Back Pressure;
- 8)Nominal power is 3/8+HP;
- 9)COP is 2.2 with the cooling capacity 1168W.

## Basing on Test Condition(ASHRAE)

- Evaporating Temperature: -23.3 degree
- Ambient Temperature: 35 degree
- Subcooling Temperature: 46.1 degree
- Condensing Temperature: 54.4 degree
- Suction Temperature: 35 degree

## 2.Compressor Specification

Serial	Model	HP		(V/Hz)		Displacement (cm3)	Cooling Capacity -ASHRAE	Motor type	Starting Device	Starting capacitor (uF)	Running capacitor (uF)	Cooling																
		-15°C (5F)	-10°C (10F)	-5°C (23F)	0°C (32F)								Test Conditions:+7.2°C (45F)		10°C (50F)	W	Btu/h	W	Btu/h	W	Btu/h	Capacity (W)	Capacity (Btu/h)	Input Power(w)	Current (A)	COP (W/W)	COP (Btu/Wh)	W
	L	GQR30TG	1/10	220V/50Hz	3.0	115	392	145	495	185	631	230	785	310	1058	140	0.9	2.2	7.56	365	1245	RSIR	/	/	F			
	GQR35TG	1/9	220V/50Hz	3.5	135	461	175	597	195	665	285	972	430	1467	195	1.1	2.2	7.52	475	1621	RSIR	/	/	F				
	MS	GQR45TG	1/6	220V/50Hz	4.5	176	601	230	785	280	955	350	1194	480	1638	220	1.2	2.2	7.44	525	1791	RSIR	/	/	F			
	GQR55TG	1/6+	220V/50Hz	5.5	188	641	245	836	310	1058	390	1331	525	1791	250	1.3	2.1	7.17	575	1962	RSIR	/	/	F				
	MK	GQR60TG	1/4	220V/50Hz	6.5	258	880	335	1143	435	1484	545	1860	665	2269	290	1.7	2.3	7.82	705	2405	RSIR	/	/	F			
	GQR70TG	1/4	220V/50Hz	7.0	285	972	370	1262	480	1638	595	2030	720	2457	340	1.9	2.1	7.23	765	2610	RSIR	/	/	F				
	GQR80TG	1/4+	220V/50Hz	8.0	324	1105	420	1433	550	1877	680	2320	810	2764	370	2.0	2.2	7.47	855	2917	RSIR	/	/	F				
	GQR90TG	1/3-	220V/50Hz	9.1	365	1245	474	1617	621	2119	768	2620	910	3105	420	2.2	2.2	7.39	955	3258	CSIR	/	/	F				
	WZ	GQR80TG	1/4+	220V/50Hz	8.0	324	1105	420	1433	550	1877	680	2320	810	2764	370	2.0	2.2	7.47	855	2917	CSIR	80	/	F			
	GQR90TG	1/3-	220V/50Hz	9.1	365	1245	474	1617	621	2119	768	2620	910	3105	420	2.2	2.2	7.39	955	3258	CSIR	80	/	F				
	GQR11TG	3/8	220V/50Hz	11.0	412	1406	536	1829	702	2395	868	2962	1034	3528	450	2.7	2.3	7.84	1079	3682	CSIR	80	/	F				
	GQR12TG	3/8+	220V/50Hz	12.8	467	1593	606	2068	793	2706	981	3347	1168	3985	530	3.2	2.2	7.52	1208	4122	CSIR	80	/	F				
	GQR14TG	1/2	220V/50Hz	14.2	527	1798	685	2337	896	3057	1108	3780	1320	4504	580	3.4	2.3	7.77	1365	4657	CSIR	80	/	F				
	GQR16TG	1/2+	220V/50Hz	15.3	580	1979	754	2573	1012	3453	1252	4272	1492	5091	640	3.8	2.3	7.95	1535	5237	CSIR	80	/	F				
	GQR19TG	3/4	220V/50Hz	19.0	755	2576	940	3207	1175	4009	1255	4282	1850	6312	804	4.5	2.3	7.85	1895	6466	CSIR	80	/	F				





KONOR	Displ.	power	Motor type	V/Hz	Cooling capacity	Net Weight
					W	KG
GQR60AA	6	1/6	RSIR	220-240V/50Hz	140	9.4
GQR70AA	6.6	1/5	RSIR	220-240V/50Hz	165	9.4
GQR80AA	8.1	1/4	RSIR	220-240V/50Hz	198	9.4
GQR90AA	9.1	1/4	RSIR	220-240V/50Hz	220	10.1
GQY99AA	9.9	1/4	RSIR	220-240V/50Hz	270	10.9
GQY12AF	11.8	1/3	CSIR	220-240V/50Hz	325	10.56
GQY16AF	16.2	3/8	CSIR	220-240V/50Hz	380	12.1
GP16MG	16.2	5/8	CSIR	220-240V/50Hz	870	12.5
GP12MG	11.8	5/8	CSIR	220-240V/50Hz	656	10.9
GP12TG	11.8	3/8	CSIR	220-240V/50Hz	1140	11.8
GQR80TG	8.1	1/4	CSIR	220-240V/50Hz	730	9.8
GQR90TG	9.1	1/4	CSIR	220-240V/50Hz	830	10.5
GQR60TG	6	1/5	CSIR	220-240V/50Hz	520	9.8



153	L QD35HG	1/11	3,5			75	шт	16720
154	ML ADW51	1/6	5,1			125	шт	19360
155	ML ADW57	1/5-	5,7			135	шт	19800
156	ML ADW66	1/4-	6,6			165	шт	0
157	MX ADW77	1/4	7,7			185	шт	0
158	MX ADW86	1/4+	8,6			200	шт	23760
159	MX ADW91	1/3-	9,1			220	шт	0
160	MQ ADW110	1/3	11,0			270	шт	0
161	MQ ADW128	3/8+	12,8			320	шт	27720
162	MQ ADW142	1/2-	14,2			350	шт	28600
163	MQ ADW153	1/2	15,3			380	шт	29040
164	MQ ADW168	1/2+	16,8			430	шт	29480
<b>№</b>	<b>Модель HBP R134a</b>	<b>HP</b>	<b>см3/час</b>	<b>Мотор</b>	<b>Обмотка</b>	<b>Мощность, ватт 7,2/54,4C</b>	<b>Ед. изм.</b>	<b>Цена, тг.</b>
165	MQ GQR12TG	3/8+	12,7	SIR	медь (Cu)	1300	шт	29480
166	MQ GQR14TG	1/2	14,3			1450	шт	30800
167	MQ GQR16TG	1/2+	15,3			1490	шт	32120
<b>№</b>	<b>Модель LBP R404a</b>	<b>HP</b>	<b>см3/час</b>	<b>Мотор</b>	<b>Обмотка</b>	<b>Мощность, ватт -23,3/54,4C</b>	<b>Ед. изм.</b>	<b>Цена, тг.</b>
168	MQ GQR80K	1/3+	8,0	CSIR	медь (Cu)	465	шт	30800
169	MQ GQR90K	1/2-	9,0			515	шт	31680
170	MD GQR11K	1/2	11,0			565	шт	0
171	MD GQR12K	3/4	12,1	CSR	медь (Cu)	640	шт	45320
172	MD GQR14K	3/4	14,3			750	шт	47080
173	MD GQR16K	4/5	16,2			850	шт	47960
174	MD GQR19K	7/8	19,0			920	шт	49280

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# Mbsm.pro, Refrigerator, Compressor, Samsung, 1/4 Hp, r134a, 150g, MK172HL1UA, MK172H-L1UA, MK172HL1UA/TSE, 200/220V-50HZ/ 135W, 200/220V-60HZ/159W, RSCR

written by Lilianne | 30 December 2021



[https://www.mbsm.pro/wp-content/uploads/2020/12/Mbsm\\_dot\\_pro\\_private\\_PDF\\_compressor-catalogue-2015-1.pdf](https://www.mbsm.pro/wp-content/uploads/2020/12/Mbsm_dot_pro_private_PDF_compressor-catalogue-2015-1.pdf)



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# **Mbsm.pro, Compressor, cubigel, huayi, ACC, Electrolux, HPY14AA, LBP, R600a, 1/5HP, 220-240V/1/50Hz, 166 W**

written by Lilianne | 30 December 2021

Compressors/Compressors ACC – Electrolux HP14AH, LBP – R600a,  
Power consumption 1/5HP, 220-240V/1/50Hz, Motor type RSIR,  
Injection: Capillary operation, Displacement 14.32 cm<sup>3</sup>, Oil  
type ISO VG10 Mineral oil, Oil quantity 300 cm<sup>3</sup>, Power 147 W  
at -25 / +55 °C, Power consumption 166 W, Power 0.0 W, Cooling  
capacity

<b>-10 °C</b>	<b>-15 °C</b>	<b>-20 °C</b>	<b>-25 °C</b>	<b>-30 °C</b>	<b>-35 °C</b>
344	276	216	166	124	92
<b>Shipping Class</b>				Standard	
<b>Scope Of Application</b>				LBP	
<b>Lieferzeit</b>				2-3 Wochen	
<b>Type Of Construction</b>				Piston	
<b>Condensation Temperature</b>				55°C	
<b>Maker</b>				ACC	
<b>Manufacturer No.</b>				HPY14AA	
<b>Displacement In Cm3</b>				14.32	
<b>Measuring Requirements</b>				Ashrae	
<b>Refrigerants</b>				R600a	
<b>Series</b>				HPY	

<b>Condensing Units Compressors</b>	Compressors
<b>Suspense</b>	220-240V
<b>Weight In Kg</b>	13

Compressor ACC Cubigel Huayi Electrolux ZEM HPY14AA, LBP - R600a, 220- 240V/1/50Hz, 1/5 HP, discharge 14.32 cm<sup>3</sup>, motor type RSIR, oil type ISO VG10 mineral, oil charge 300 cm<sup>3</sup>, 166 W at -25 / +55 °, input power, current 147 W, 0.96 A, expansion device: capillar, cooling: static, weight 11 kg , the statutory warranty period shall apply (24 months), Delivery time Info: with “immediately available” and “scarce stock”, usually delivery within 2 days. For “currently not available” delivery time usually 2 weeks or delivery time in urgent cases contact us.

Refrigerant:	R600a
Power range(W):	101 – 200 W
Performance range (C):	-35 C to -10 C
Connecting size:	6,5 mm
Suction:	8,1 mm
Working area:	LBP
Design type:	Hermetic
Model series:	HPY
Use with:	Capillary
Power range(HP):	0-2
Power supply:	230 V
Oil type:	ISO VG 10 Mineral
Engine type:	RSIR
Article condition:	New
Info:	Oil filled
Shipping weight:	13,00 Kg

Dimensions ( length × width × height ):	20,40 × 16,20 × 19,60 cm
customs tariff number:	84143081
Cooling capacity condition:	T0 -25 C, Tk +55 C
Manufacturer:	ACC Cubigel Huayi Electrolux ZEM
Model:	HPY14AA
Modelname:	HP14AH
Stroke volume (cm <sup>3</sup> ):	14,32
Cooling capacity (W):	147
Power (HP):	0,25
Max. Starting current (A):	11,5
Max. Operating current (A):	0,96
Engine type:	RSIR
Note:	Static cooling
Oil quantity (l):	0,3
Compressor type:	Piston
Power range:	-35 C to -10 C
Alternative:	NBM1118Y , EMX70CLC , NBM1116Y
Pressure line (mm):	6,5
Suction line (mm):	8,1







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# Mbsm.pro, 5HP, 3PH, DAIKIN, scroll, compressor, JT160BCBY1L, 15000W

written by Lilianne | 30 December 2021

Nominal Capacity: 51200 BTU/H(61100 BTU/H),15KW(17.9KW)

Output: 5 HP

Power Source : 380V 50/60Hz 3 PHASE

Testing Power Source: 380V 50(60Hz)

Input : 4.66 KW(5.54KW)

Current: 8.6 A(9.2A)

COP: 3.22(3.23) W/W

Capacity: 83.1 cubic centimeter/r

<b>Color:</b>	Black
<b>Voltage:</b>	380-415V
<b>Frequency:</b>	50Hz
<b>Horse Power:</b>	5HP
<b>Capacity:</b>	15000W
<b>Oil Charge:</b>	1.4L

Daikin Scroll Compressor JT160BCBY1L for Air Conditioner  
air conditioner compressor parts Daikin compressor JT160BCBY1L

Technical data

Daikin Scroll Compressor JT series

Model	Output (HP)	Power Source (V/Hz)	Performance
Nominal Capacity (W)	Input Power (Kw)	COP (W/W)	Noise (dB)

JT90BCB-Y1L	3	220/50	8540	2.89	2.96	58			
JT90BC-Y1L	3	380/50	8540	2.75	3.11	58			
JT95BCB-Y1L	3	380/50	8540	2.75	3.11	58			
JT95BC-Y1L	3	380/50	9030	2.89	3.12	58			
JT125BC-Y1L	4	380/50	11900	3.8	3.13	60			
380/60	14200	4.53	3.13	63					
JT125BCB-Y1L	4	380/50	11900	3.8	3.13	60			
380/60	14200	4.53	3.13	63					
JT160BC-Y1L	5	380/50	15000	4.66	3.22	60			
380/60	17900	5.53	3.23	63					
JT160BCB-Y1L	5	380/50	15000	4.66	3.22	60			
380/60	17900	5.53	3.23	63					
JT212D-Y1L	7.5	380/50	21500	6.49	3.31	72			
JT212D-YE	400/60	25100	7.66	3.28	75				
JT236D-Y1L	7.5	380/50	24000	7.2	3.33	72			
JT236D-YE	400/60	28300	8.53	3.32	75				
JT265D-Y1L	8	380/50	26700	7.95	3.36	72			
JT265D-YE	400/60	31800	9.45	3.37	75				
JT300D-Y1L	10	380/50	29900	8.85	3.38	72			
JT300D-YE	400/60	35200	10.4	3.38	75				
JT315D-Y1L	11	380/50	31100	9.15	3.4	72			
JT335D-Y1L	12	380/50	34000	9.98	3.41	72			
JT335D-YE	400/60	40100	11.8	3.4	75				
Model	Power(HP)	Voltage	Test Voltage	Capacity	Input power	Current	COP	Displacement	
			KW	BTU/H	KW	A	W/W	Cm3/r	
JT212DA-Y1	7	380-415V,3P,50Hz	380V/50Hz	18.9	64500	6.87	11.7	2.75	117.3
JT265DA-Y1	8.5		23.4	79800	8.36	14.1	2.8	144.7	
JT300DA-Y1	10	400V/50Hz	26.5	90400	9.44	16	2.81	163	
JT335DA-Y1	12		29.9	102000	10.7	17.9	2.79	184.2	
JT300DA-Y1L	10	380V/50Hz	29.6	101000	9.55	16.4	3.1	163	
JT335DA-Y1L	12	33.7	115000	10.81	18.3	3.12	184.2		
JT212D-P1YE	7	380-415V/400-440V,3P,50/60Hz	380V/50Hz;400V/60Hz	21.3/24.9	73400/85700	6.56/7.74	11.3/11.9	3.25/3.22	117.3
JT236D-P1YE	7.5	380V/50Hz	23.8	81900	7.27	12.4	3.27	131	
400V/60Hz	28.1	96600	8.62	13.2	3.26				
JT265D-P1YE	8.5	380V/50Hz	26.5	91100	8.03	13.7	3.3	144.7	
400V/60Hz	31.5	108500	9.55	14.6	3.3				
JT300D-P1YE	10	380V/50Hz	29.6	102000	8.94	15.2	3.31	163	

400V/60Hz	34.9	120200	10.51	16.2	3.32			
JT335D-P1YE	12	380V/50Hz	33.7	116000	10.08	17.2	3.34	184.2
400V/60Hz	39.4	136900	11.92	18.4	3.34			



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# LG, compressor, 1/10, 1/8, 1/6, 1/5, 1/4, 1/3, hp power, wattage, capillary, amperes

written by Lilianne | 30 December 2021

Refrigerator compressor LG India full data HP codes, amperes, capillary tube, wattage trace Hp power and connect size wise capillary tube

Capillary	Ampair	Wattage	Codes	Hp Power
0.028	0.75	63	NS36LAEG	1\10
0.033	0.81	77	MSA43LBEG	1\8
0.033	1.12	116	MA53LAEG	1\6
0.033	1.12	142	MA57LBEG	1\6+
0.036	1.35	160	MA62LCEG	1\5
0.040	1.35	174	MA69LCEG	1\5+
0.040	1.4	200	MA72LCEG	1\4
0.042	1.6	210	MA88LCEG	1\3
0.042	1.6	279	MA98LAEM	1\3+

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## High, Efficiency, R134a,

# Hermetic, Compressor, GPY16AF, RoHS, 3/8hp, csir, 1bp, 220v, 380w

written by Lilianne | 30 December 2021

## R134a GPY16AF series sealed refrigeration compressor 220-240v/50Hz

The main feature:  
strong loading capacity,  
high efficiency,  
low noise,  
light vibration,  
good reliability.

suitable for mid-size refrigerators, freezers, displayers,  
beer displayers and other mid-size refrigeration appliances.

The structure form is hermetical crank connecting-rod  
reciprocating piston type.

They are the best selling high-tech compressors sold in the  
world. They are ideal for domestic refrigeration and also for  
small commercial applications. They are small, have low noise  
and vibration levels, they achieve the highest levels of  
efficiency available in the market for this category.

KONOR	Displ.	power	Motor type	V/Hz	Cooling capacity W	Net	Weight KG
GQR60AA	6	1/6	RSIR	220-240V/50Hz	140		9.4
GQR70AA	6.6	1/5	RSIR	220-240V/50Hz	165		9.4
GQR80AA	8.1	1/4	RSIR	220-240V/50Hz	198		9.4
GQR90AA	9.1	1/4	RSIR	220-240V/50Hz	220		10.1
GQY99AA	9.9	1/4	RSIR	220-240V/50Hz	270		10.9
GQY12AF	11.8	1/3	CSIR	220-240V/50Hz	325		10.56
GQY16AF	16.2	3/8	CSIR	220-240V/50Hz	380		12.1
GP16MG	16.2	5/8	CSIR	220-240V/50Hz	870		12.5
GP12MG	11.8	5/8	CSIR	220-240V/50Hz	656		10.9
GP12TG	11.8	3/8	CSIR	220-240V/50Hz	1140		11.8
GQR80TG	8.1	1/4	CSIR	220-240V/50Hz	730		9.8
GQR90TG	9.1	1/4	CSIR	220-240V/50Hz	830		10.5

GQR60TG	6	1/5	CSIR	220-240V/50Hz	520	9.8
---------	---	-----	------	---------------	-----	-----

## Specification

Hermetic motor driven the piston connecting rod type compressor. With relay start-up of hammer type, and equipped with overload protector.

## Application

Widely used in home and commercial refrigerator, air-curtain cabinet, display showcase, ice maker, chiller freezer, dehumidifier, etc.

## R134a LBP Fan Cooling Compressor

Model: GPY16AF

Power: 3/8HP

Displacement: 16.2cm<sup>3</sup>

Capacity: 380w

COP: 1.3W

Voltage: 200-240V/50HZ

Motor Way: CSIR

Application: LBP

Cooling Type: Fan Cooling

Height: 210mm

Net Weight: 12.9kg

Dimension: 210\*162\*237.2 (mm)

<b>Test Conditions (ASHRAE)</b>
<b>Evaporating temperature -23.3°C</b>
<b>Condensing temperature 54.4°C</b>

Subcooling temperature 32.2°C			
Suction temperature 32.2°C			
Ambient temperature 32.2°C			
Conversion:			
1watt=3.41Btu/h=0.86kcal/h			



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# L111CYA, COMPRESSOR, ASSY, Indesit , Ariston, whirlpool, 1/5hp, 1bp, 180W, r600a

written by Lilianne | 30 December 2021



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# WARNING

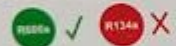
## Electrical Shock Hazard



Disconnect power before servicing.  
 Any ground circuit disconnected during service must be reconnected.  
 Do not reconnect unit to electrical supply until compressor terminal cover is securely in place.  
 If refrigerant leak is suspected around compressor terminal, relieve all pressure from the system, keeping terminal cover in place.  
 Failure to do so can result in death or electrical shock.

FREQUENCY	50 Hz
VOLTAGE RANGE	220-240 VAC
INPUT WATTS	175 W
INPUT CURRENT	1.3 A
COMFORT WATTS	600 W
COOLING CAPACITY	AS PER TABLE
CLIMATE CLASS	T

**Do Not service with R134a**  
 Follow only Approved R600a service procedure & a Qualified technician while repairing.



Risk of fire



### WARNING

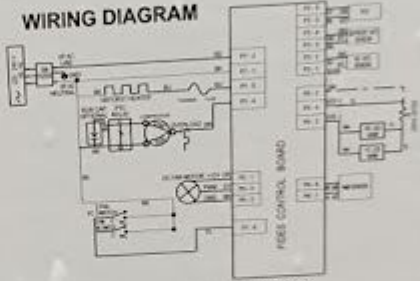
Caution: Read all the labels attached to the various parts of the unit when repairing or servicing the refrigerator. Do not attempt to repair or service the unit unless you have read and understood the instructions in the user manual. Do not use any flammable or volatile liquids near the unit. Do not use any flammable or volatile liquids near the unit. Do not use any flammable or volatile liquids near the unit.

BLONNE AGENT: R600a (CH<sub>2</sub>FCH<sub>2</sub>)  
 C<sub>2</sub>H<sub>2</sub> (CYCLO PENTANE) AS PER TABLE

MFG. BY: WHIRLPOOL OF INDIA LTD.  
 PLOT NO. A-4, M.I.D.C.  
 KANJANGAON, TAL. SHIBUR,  
 DIST. POHLE - 415 204

"WHIRLPOOL" IS A REGISTERED TRADEMARK OF "WHIRLPOOL CORPORATION USA".

### WIRING DIAGRAM



#### SYMBOL CODE

- ⊕ = CONNECTION - SCREW ON
- ⊖ = CONNECTION - CLOSED END
- ⊙ = DISCONNECT TERMINAL
- ⊛ = PERMANENT CONNECTION
- ⊕ = PLUS CONNECTION
- ⊖ = GROUND (OR CHASSIS)

#### WIRE COLOR CODE

- BL = BLUE
- BR = BLACK
- RD = RED
- WH = WHITE
- YL = YELLOW
- GR = GREEN
- PK = PINK
- GY = GREY
- OR = OILY
- BL/BR = RED/BLACK TRACER
- BL/WH = RED/BLACK TRACER
- BL/GR = BLUE/BLACK TRACER

NAME	MODEL	GROSS CAPACITY	STORAGE CAPACITY	REFRIGERANT TYPE (GALLON/LITERS)
L10-0702A	WTM11702 R	40L	40L	R600a

W11175079

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E	E1130DZ	CSIR	220/60	390	1.35	F	NE	NE6213CK	CSF
	EU1121DZ	RSCR	220/60	325	1.52	F		NE6213BK	CSF
S	SK35XZ	RSIR	127/60	88	1.38	S	CT6217CK	CSF	
L	LU65XZ	RSIR	127/60	190	1.52	S	CT6220CK	CSF	
E	EU1121XZ	CSIR	127/60	250	1.50	F	CJ6228CK	CSF	
R600a L.B.P 宽电压									
S	S66CY	RSIR	160~260/50	108	1.20			CJ6232CK	CSF
	SG66CY	RSIR	160~260/50	108	1.40			CJ6240CK	CSF
	SU66CY	RSCR	160~260/50	108	1.60				
	SZ66CY	RSCR	160~260/50	108	1.70				
L	L88CYA	RSIR	160~260/50	155	1.36	S			
	L111CYA	RSIR	160~260/50	185	1.40	S			
	LK76CYA	RSCR	160~260/50	142	1.50	S			
	LK88CYA	RSCR	160~260/50	155	1.50	S			
R290 H.B.P									
							NB	NB5175CU	RSIF
							NE	NE5195CU	RSIF

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