

# Mbsm.pro, Compressor, SAMSUNG, MKV190GL2J, BlDC, Inverter, from 93 to 210 w, lbp, r134a, from 560 btu/h to 1167 btu/h

written by Lilianne | 1 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 W/W		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	
			4000	210	244	834	143	1.47	1.71	5.83	
	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	
			4300	225	262	893	160	1.41	1.64	5.58	
	MSV172A-L1B	220-60	1200	67	78	266	50	1.34	1.56	5.32	ST
			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	186	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

written by Lilianne | 1 November 2024



- **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.



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	-	-	-	-	-	-	-	-	-		
MA69LHEP	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	-	-	-	-	-	-	-	-	-		
MA69LJEG	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	-	-	-	-	-	-	-	-	-		
MAB8LAEP	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	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	MA53HAEP	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	-	-	-	-	-	-	-	
			MA62HAEP	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	-	-	-	-	-	-	-	
			MA53HAEP	5.3	440	512	1747	1/5	233	2.2	7.50	-	-	-	-	-	-	-	-
			MA72HAEP	7.2	630	733	2501	1/4+	355	2.1	7.05	-	-	-	-	-	-	-	-

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 \_ Compressor MC57LAEM Lg 171 w 15 hp r134a LbpDownload

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

written by Lilianne | 1 November 2024



### 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 (cm <sup>3</sup> ):	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**





**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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DATA

**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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\_Compressor NE2134Z GP16FB 363 w 12 hp Lbp r134a Embraco AsperaDownload

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**Mbsm.pro, 1/3 HP, LG, Commercial, Freezer, Compressor, Ma98laem, 279 w, Lbp, r134a, 953 btu, 18 feet**

written by Lilianne | 1 November 2024



KK R134a and R404a Commercial Refrigeration Compressors

Model	Ref	App.	Voltage	Cooling Capacity			Power Input	Wire Type
				HP	W/hr	Btu/hr		
CMA042LHEG	R134a	LBP	220V/50HZ	1/10HP	107W	365Btu	79W	Al-wire
CMA053LHEG	R134a	LBP	220~240V/50HZ	1/6HP	150W	512Btu	102W	Al-wire
CMA057LHEG	R134a	LBP	220~240V/50HZ	1/5HP	163W	556Btu	115W	Al-wire
CMA069LHEM	R134a	LBP	220~240V/50HZ	1/4HP	195W	667Btu	128W	Al-wire

NS36LAEG	R134a	LBP	220~240V/50HZ	1/10HP	77W	262Btu	89W	Cu-wire
MSA43LBEG	R134a	LBP	220~240V/50HZ	1/8HP	116W	397Btu	106W	Cu-wire
CMA053LAEM	R134a	LBP	220~240V/50HZ	1/6HP	148W	504Btu	93W	Cu-wire
CMA057LAEM	R134a	LBP	220~240V/50HZ	1/5HP	163W	558Btu	102W	Cu-wire
CMA069LBEM	R134a	LBP	220~240V/50HZ	1/4HP	195W	667Btu	116W	Cu-wire
CMA075LAEM	R134a	LBP	220~240V/50HZ	1/3HP	219W	746Btu	130W	Cu-wire
MA98LAEM	R134a	LBP	220~240V/50HZ	1/3HP	279W	953Btu	183W	Cu-wire
LX95LHBM	R134a	LBP	220V/50HZ	1/3HP	267W	910Btu	173W	Cu-wire
LX110LAJM	R134a	LBP	220~240V/50HZ	1/2HP	323W	1104Btu	232W	Cu-wire
Model	Ref	App.	Voltage	Cooling Capacity		Power	COP	Wire
				Hp	W/hr	Input	(W/W)	Type
CSB057NJEG	R600a	LBP	220V/50HZ	1/10HP	100W	77W	1.30	Al-wire
CSB069NJEG	R600a	LBP	220V/50HZ	1/8HP	126W	90W	1.40	Al-wire
CSB075NJEG	R600a	LBP	220V/50HZ	1/6HP	139W	102W	1.36	Al-wire
CSB089NJEG	R600a	LBP	220V/50HZ	1/5HP	160W	98W	1.64	Al-wire
CMA098NJEG	R600a	LBP	220V/50HZ	1/5+HP	180W	112W	1.60	Al-wire
CMA110NJEM	R600a	LBP	220V/50HZ	1/4HP	194W	122W	1.58	Al-wire
CMA121NBEM	R600a	LBP	220V/50HZ	1/4+HP	220W	119W	1.85	Al-wire

## SECOP Hermetic Piston Compressors

Model □ SC21G

Refrigerant □ R134A

Power □ 220-240V/50/60HZ

Back Pressure: Low/High

Power Source: AC Power

Voltage range[V]: 187- 254

Evaporating temperature [°F] □ -25 to -5

Transport Package: Wood Package

### Product feature

Model	Electric Source	Power(HP)	Capacity(W)	Refrigerant	Back Pressure
SC15C M	220V-240V 50Hz	1/2HP	375	R22	Low
SC18C M	220V-240V 50Hz	5/8HP	469	R22	Low
SC15D	220V-240V 50Hz	5/8HP	469	R22	High
SC15G	220V-240V 50Hz	3/8HP	281	R134a	Low/High
SC18G	220V-240V 50Hz	1/2HP	375	R134a	Low/High
SC21G	220V-240V 50Hz	5/8HP	469	R134a	Low/High
SC10C L	220V-240V 50Hz	1/3HP	250	R404A	Low
SC15C L	220V-240V 50Hz	1/2HP	375	R404A	Low
TL5G	220V-240V 50Hz			R134A	Low/High

KK R134a and R404a Commercial Refrigeration Compressors

Model	Ref	App.	Voltage	Cooling Capacity			Power Input	Wire Type
				HP	W/hr	Btu/hr		
CMA042LHEG	R134a	LBP	220V/50HZ	1/10HP	107W	365Btu	79W	Al-wire
CMA053LHEG	R134a	LBP	220~240V/50HZ	1/6HP	150W	512Btu	102W	Al-wire
CMA057LHEG	R134a	LBP	220~240V/50HZ	1/5HP	163W	556Btu	115W	Al-wire
CMA069LHEM	R134a	LBP	220~240V/50HZ	1/4HP	195W	667Btu	128W	Al-wire
NS36LAEG	R134a	LBP	220~240V/50HZ	1/10HP	77W	262Btu	89W	Cu-wire
MSA43LBEG	R134a	LBP	220~240V/50HZ	1/8HP	116W	397Btu	106W	Cu-wire
CMA053LAEM	R134a	LBP	220~240V/50HZ	1/6HP	148W	504Btu	93W	Cu-wire
CMA057LAEM	R134a	LBP	220~240V/50HZ	1/5HP	163W	558Btu	102W	Cu-wire
CMA069LBEM	R134a	LBP	220~240V/50HZ	1/4HP	195W	667Btu	116W	Cu-wire
CMA075LAEM	R134a	LBP	220~240V/50HZ	1/3HP	219W	746Btu	130W	Cu-wire
MA98LAEM	R134a	LBP	220~240V/50HZ	1/3HP	279W	953Btu	183W	Cu-wire
LX95LHBM	R134a	LBP	220V/50HZ	1/3HP	267W	910Btu	173W	Cu-wire
LX110LAJM	R134a	LBP	220~240V/50HZ	1/2HP	323W	1104Btu	232W	Cu-wire
Model	Ref	App.	Voltage	Cooling Capacity		Power Input	COP (W/W)	Wire Type
				Hp	W/hr			
CSB057NJEG	R600a	LBP	220V/50HZ	1/10HP	100W	77W	1.30	Al-wire
CSB069NJEG	R600a	LBP	220V/50HZ	1/8HP	126W	90W	1.40	Al-wire
CSB075NJEG	R600a	LBP	220V/50HZ	1/6HP	139W	102W	1.36	Al-wire
CSB089NJEG	R600a	LBP	220V/50HZ	1/5HP	160W	98W	1.64	Al-wire
CMA098NJEG	R600a	LBP	220V/50HZ	1/5+HP	180W	112W	1.60	Al-wire
CMA110NJEM	R600a	LBP	220V/50HZ	1/4HP	194W	122W	1.58	Al-wire
CMA121NBEM	R600a	LBP	220V/50HZ	1/4+HP	220W	119W	1.85	Al-wire



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# Mbsm.pro, Inverter, BLCD, compressor, refrigerator, R600a, JIAXIPERA, VMH1113Y, 1/6 hp, r600a, lbp

written by Lilianne | 1 November 2024



Mbsm.pro, Inverter, BLCD, compressor, refrigerator, R600a, JIAXIPERA, VMH1113Y, 1/6 hp, r600a, lbp

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# Mbsm.pro, Pw2.5vk, 1/12 hp, Refrigeration, Compressor, R134a, 220~240v Ac 50hz, Mbp/lbp, Sichuan Danfu Compressor

written by Lilianne | 1 November 2024



Mbsm.pro, Pw2.5vk, 1/12 hp, Refrigeration, Compressor, R134a,  
220~240v Ac 50hz, Mbp/lbp, Sichuan Danfu Compressor

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**Mbsm.pro, Compressor, ZMC, coolant R134a, 150 G, EGL80AA, GL80AA, 220-240V 50Hz, fully hermetic, 9kg, 1/5 HP, power input 162W, EGYPTIAN CO. FOR INDUSTRIALIZATION, FB30, 280L**

written by Lilianne | 1 November 2024

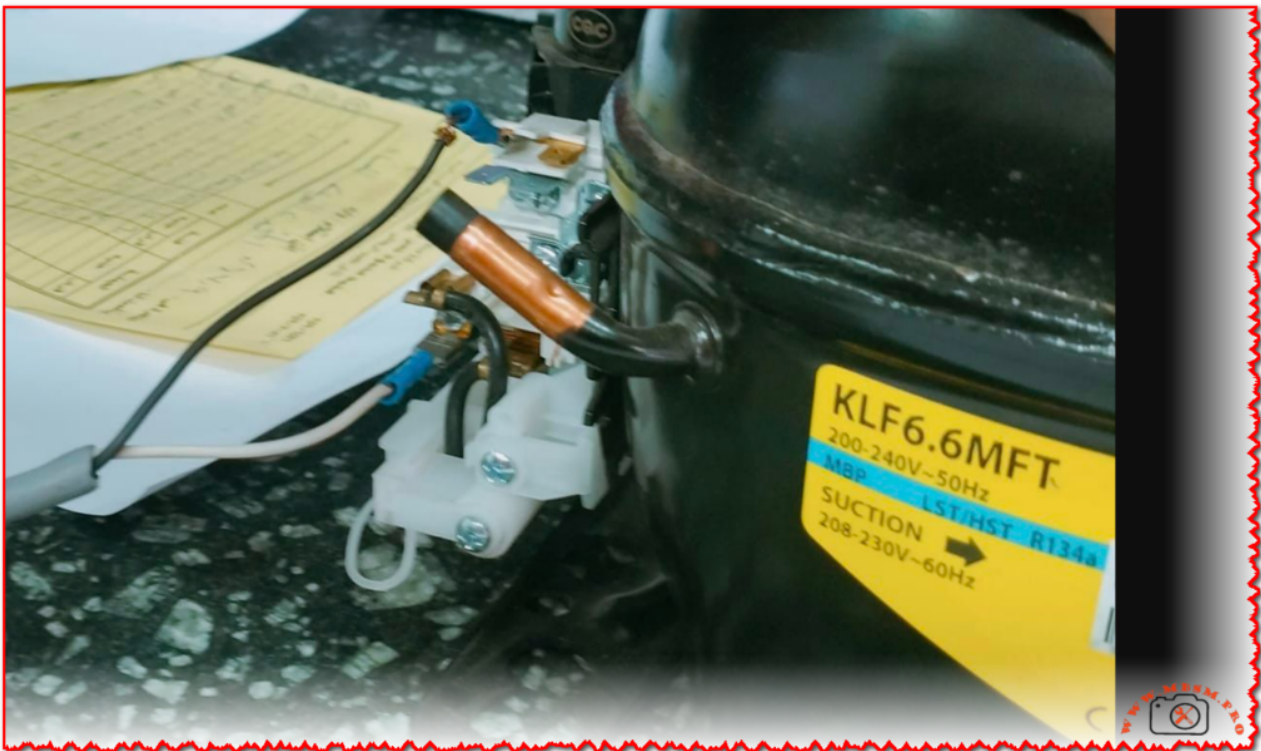


Mbsm.pro, Compressor, ZMC, coolant R134a, 150 G, EGL80AA, GL80AA, 220-240V 50Hz, fully hermetic, 9kg, 1/5 HP, power input 162W, EGYPTIAN CO. FOR INDUSTRIALIZATION, FB30, 280L

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# Mbsm.pro, Compressor, KLF6.6MFT, KLF66MFT, 1/5hp , mhbp, Big++, 187 w, Secop, R134a

written by Lilianne | 1 November 2024



Mbsm.pro, Compressor, KLF6.6MFT, KLF66MFT, 1/5hp , mhbp,  
Big++, 187 w, Secop, R134a

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# Mbsm.pro, Air Conditioner, Capacities, and Run Capacitors, with +/- 5% Variations, With fun

written by Lilianne | 1 November 2024



Mbsm.pro, Air Conditioner, Capacities, and Run Capacitors, with +/- 5% Variations, With fun

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## Mbsm.pro, LG, REFRIGERATOR-FREEZER, GR-M762HSHM, 600 L,

# Compressor, 1/3 hp, BMG110NAMV, Inverter, r600a, 70g

written by Lilianne | 1 November 2024



Mbsm.pro, LG, REFRIGERATOR-FREEZER, GR-M762HSHM, 600 L,  
Compressor, 1/3 hp, BMG110NAMV, Inverter, r600a, 70g