

Mbsm.pro, Compressor, C-BZ120, 1/6 hp, 120w, Mhbp, r12, C-BZ, C-BZN, KULTHORN compressor

Category: compressor

written by www.mbsm.pro | 2 February 2025



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Compressor, C-BZ120, 1/6 hp, 120w, Mhbp, r12, C-BZ, C-BZN, KULTHORN

Mbsm.pro, Compressor, s36G, 1/10 hp, 1ph 220v/50hz, R134a, 32g, water-cooler, BLY-F/950

Category: compressor

written by www.mbsm.pro | 2 February 2025



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



Information	Value
Model	BLY-F (905)
Rated Voltage	220-240V~
Rated Frequency	50/60Hz
Heating Power	450W
Total Power	550W
Maximum Rated Wattage of Lamps	0.5W
Cooling Capacity	1.5L/h
Cooling Consumption	0.100Kwh/H
Rated Cooling Current	0.8A
Refrigerant	R134a/32g
Climate Class	T
Protection Class	I
Foam	EPS
Waterproof Degree	IPX0
Made in	China

## Water Dispenser / Mini Fridge Compressor (1/10HP)

Refrigeration Compressor Type Reciprocating Compressor

Refrigerant	R134A
Usage	Water Dispenser / Small Fridge / Minibar / etc
Warranty	N/A
Voltage	220-240V / 50Hz
Displacement	3.6 cm <sup>3</sup>
Model No.	S36G / QD36
Cooling Power (W)	80W
Cooling Power (HP)	1/10 HP

Small refrigeration compressor mainly used in:

- Water Dispenser (cooling cabinet models)
- Small Refrigerator / Mini Bar / Ice Machines
- Other small refrigerating equipment

Cooling Power: 85W (1/10 HP)  
Electricity required: 220-240V / 50Hz

## 1. Compressor (Model S36G)

- **Purpose:** The core component for pressurizing refrigerant in a cooling cycle.
- **Model S36G:** Likely a specific compressor model (possibly from a brand like Secop, Danfoss, or a regional manufacturer). Verify with manufacturer documentation for exact specs.
- **Application:** Small-scale systems (e.g., commercial water coolers, medical devices, or compact refrigeration) due to the small refrigerant charge.

---

## 2. Refrigerant (R134a, 32g)

- **R134a:** A common hydrofluorocarbon (HFC) refrigerant used in medium-temperature systems (e.g., refrigerators, AC units, water coolers).
- **32g Charge:** Indicates a small system, typical for portable or compact units. Ensure the charge matches manufacturer specifications to avoid inefficiency or damage.

---

## 3. Water-Cooler System

- **Water-Cooled Condenser:** Uses water (instead of air) to dissipate heat, improving efficiency. Requires a water supply, pump, and possibly a cooling tower.
- **Applications:** Often found in commercial settings (e.g., water dispensers, industrial chillers, or high-efficiency HVAC systems).

---

## 4. BLY-F/950

- Likely a **component model**, such as:
  - **Filter drier:** Removes moisture/contaminants from refrigerant.
  - **Pressure switch:** Safety device to control system pressure.
  - **Control board/Valve:** Part of the system's electrical or flow regulation.
  - Check manufacturer manuals or suppliers for exact function.

---

## Key Considerations

1. **Compatibility:** Ensure the compressor (S36G) is designed for R134a and water-cooled operation.
2. **Refrigerant Charge:** Confirm 32g is correct (undercharging/overcharging affects performance).
3. **Water Cooling:** Check for scale buildup, water flow rate, and pump functionality.
4. **BLY-F/950 Replacement:** Cross-reference with OEM parts or contact the system

manufacturer.

## Troubleshooting Tips

- **Low Cooling Efficiency:** Check refrigerant charge, water flow, or condenser cleanliness.
- **Component Failure:** Test the BLY-F/950 part (e.g., continuity for switches, clogging in filter driers).
- **Noise/Leaks:** Inspect the compressor and refrigerant lines.

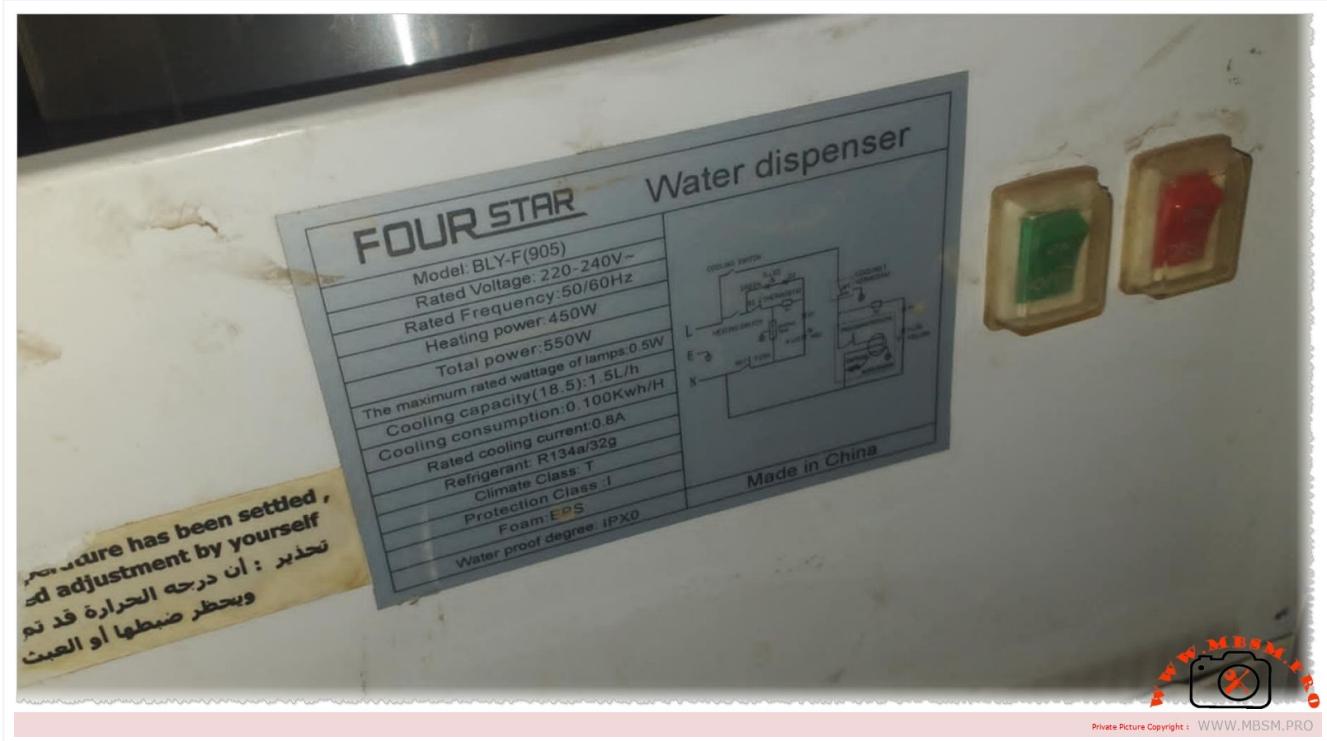
### Products Introduction:

Voltage / frequency(V/Hz)	Horsepower (hp)	Model	Displacement (cc/rev)	Motor type	Cooling capacity+/-5% ASHRAE(-23.3°C)			Input Power +/-5% w	COP+/-7% ASHRAE(-23.3°C) Cooling			
					(kcal/h)	(W)	(Btu/h)		(kcal/h)	(W)	(Btu/h)	
220-240V~ 50/60Hz	1/14hp	ASV20H	2.0cc	RSIR	41	48	164.00	56.00	0.73	0.85	2.9	ST
	1/13hp	ASV25H	2.5cc	RSIR	50	58	198.00	68.00	0.73	0.85	2.9	ST
	1/12hp	ASV30H	3.0cc	RSIR	60	70	239.00	82.00	0.73	0.85	2.9	ST
	1/12hp	S30G	3.0cc	RSIR	56	65	222.00	72.00	0.77	0.9	3.07	ST
	1/10hp	S36G	3.6cc	RSIR	69	80	273.00	89.00	0.77	0.9	3.07	ST
	1/8hp	ASW43H	4.3cc	RSIR	106	123	420.00	98.00	1.08	1.25	4.27	ST
	1/6hp	ASW53H	5.3cc	RSIR	120	140	478.00	112.00	1.08	1.25	4.27	ST
	1/5hp	ASW65H	6.5cc	RSIR	143	165	566.00	132.00	1.08	1.25	4.27	ST
	1/4hp	ASW75H	7.5cc	RSIR	168	190	665.00	152.00	1.08	1.25	4.27	ST
	1/4+hp	ASQ91H	9.1cc	RSIR	189	220	751.00	176.00	1.08	1.25	4.27	ST
	1/3hp	ASQ110H	11.0cc	RSIR	241	280	955.00	215.00	1.11	1.3	4.43	ST
	1/3+hp	ASQ128H	12.8cc	RSIR	280	326	1112.00	251.00	1.11	1.3	4.43	ST
115-127V/60Hz	1/14hp	ASV20HD	2.0cc	RSIR	47	55	188.00	65.00	0.73	0.85	2.9	ST
	1/10hp	ASV25HD	2.5cc	RSIR	56	65	222.00	78.00	0.77	0.9	3.07	ST
	1/12hp	ASV30HD	3.0cc	RSIR	69	80	273.00	100.00	0.77	0.9	3.07	ST
	1/8hp	ASW43HD	4.3cc	RSIR	116	135	460.00	108.00	1.08	1.25	4.27	ST
	1/6hp	ASW53HD	5.3cc	RSIR	138	160	546.00	128.00	1.08	1.25	4.27	ST
	1/5hp	ASW65HD	6.5cc	RSIR	167	194	662.00	147.00	1.14	1.32	4.5	ST
	1/4hp	ASW75HD	7.5cc	RSIR	196	228	777.00	173.00	1.14	1.32	4.5	ST
FC:Fancooling	RSIR:ResistanceStartInductionRun				EvaporatingTemp.: -23.3°C (-10°F)			1watt=3.41Btu/Hr				
OC:Oilcooling	RSCR:ResistanceStartCapacitorRun				CondensingTemp.: 54.4°C (130°F)			1watt=0.86Kcal/Hr				
ST:Static	CSIR:CapacitorStartInductionRun				GasSuperheatedto: 32.2°C (90°F)			1Kcal/Hr=3.97Btu/Hr				
	CSR:CapacitorStartCapacitorRun				Liquidsub-cooledto: 32.2°C (90°F)							
					AmbientTemp.: 32.2°C (90°F)							

As a result of Asbei's policy of constant development, technical specifications may be subject to change.



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)



- File uploaded successfully: [Open file in a new window](#)

**File Information:**

File Name: Mbsm-tn-media-\_Compressor-s36G-R134a-32g-water-cooler-BLY-F-950.jpg

File Type: image/jpeg

File Size: 436.6 KB

File Extension: jpg

- File uploaded successfully: [Open file in a new window](#)

**File Information:**

File Name: Mbsm-tn-media-Compressor-s36G-R134a-32g-water-cooler-BLY-F-950.jpg

File Type: image/jpeg

File Size: 435.14 KB

File Extension: jpg

File uploaded successfully: [Open file in a new window](#)

**File Information:**

File Name: Mbsm-tn-media-Compressor-s36G-R134a-32g-water-cooler-BLY-F-950.jpg

File Type: image/jpeg

File Size: 549.08 KB

File Extension: jpg

File uploaded successfully: [Open file in a new window](#)

**File Information:**

File Name: Mbsm-tn-media-Compressor-s36G-R134a-32g-water-cooler-BLY-F-950.pdf

File Type: application/pdf

File Size: 296.7 KB

File Extension: pdf

---

## Mbsm.pro, Compressor ,BPM1084Z, B1085A, AE8ZA7, 1/8 hp, r134a, freezing, 102w, 4.15 cc, RSIR

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

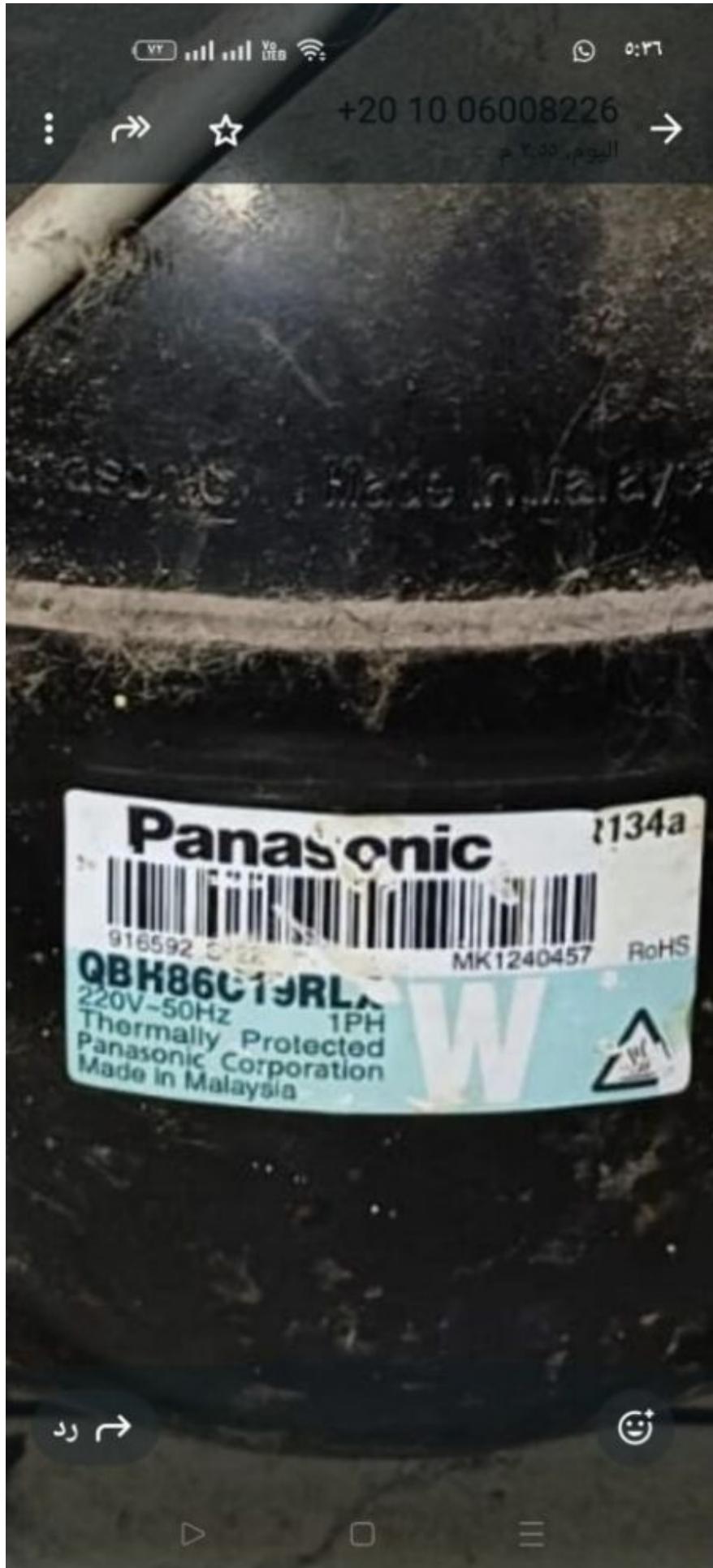
Compressor BPM1084Z, B1085A, AE8ZA7: A Comprehensive Overview

---

## Mbsm.pro, Compressor, Panasonic, Serie, Qb, Qbh, dhd, dg, dd, QA, sfh, sbh, sb

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025



Panasonic compressors are trusted globally for their exceptional performance, efficiency, and reliability. Whether you're looking for a compact rotary compressor for a home refrigerator or a high-capacity scroll compressor for a commercial HVAC system, Panasonic offers a wide range of solutions tailored to your needs.

---

**Mbsm.pro, Compressor, Embraco, Aspera, EMT43HLP, EMY3111Z, LBP-R134a, R507, 220-240V/1/50Hz, 1/8and HP, displacement 4.85 cm3, motor type RSIR**

Category: compressor

written by Amina | 2 February 2025



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

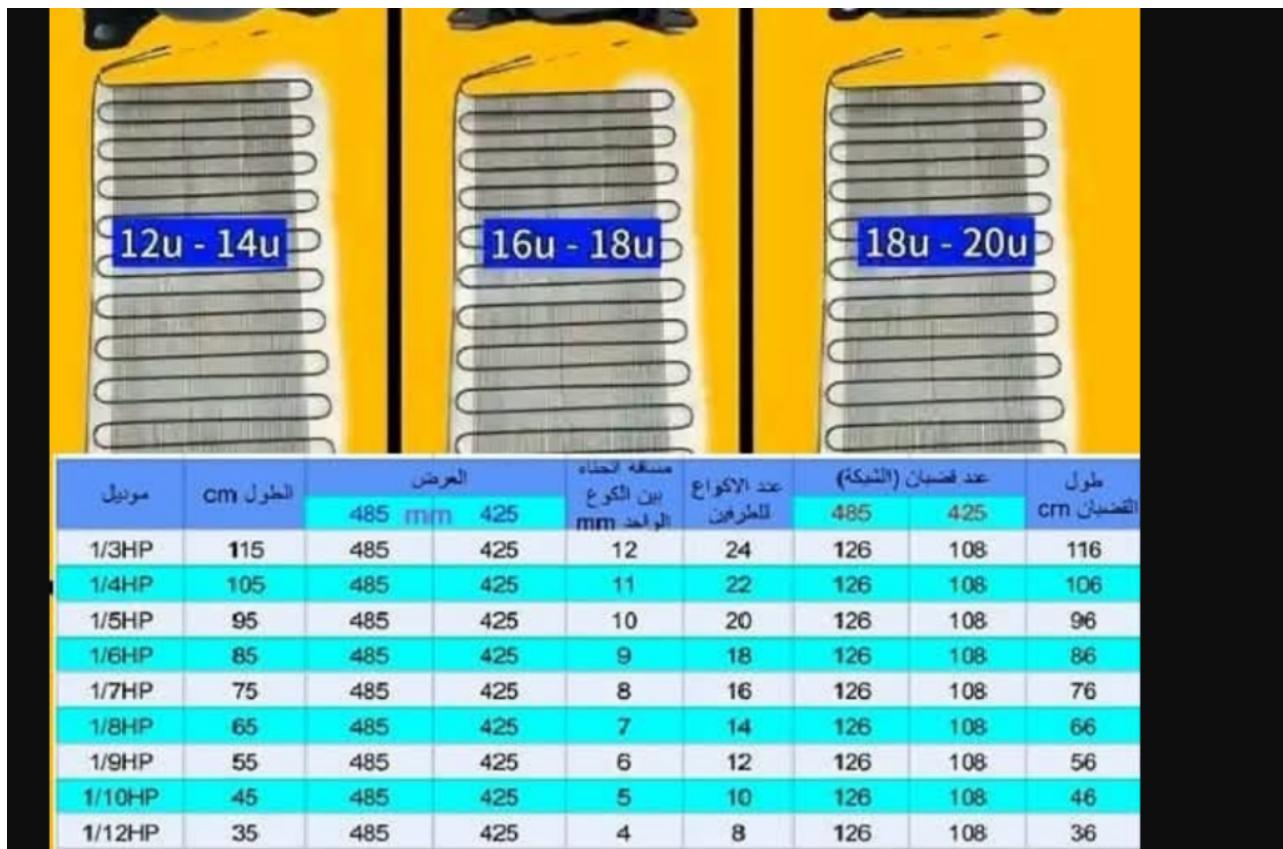
Mbsm.pro, Compressor, Embraco, Aspera, EMT43HLP, EMY3111Z, LBP-R134a, R507, 220-240V/1/50Hz, 1/8and HP, displacement 4.85 cm3, motor type RSIR

---

**Horsepower Units Demystified: A Comprehensive Guide to Specs, Efficiency, and Selection**

Category: Chaud&Froid

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025



موديل	cm الطول	العرض			مسافة العناية بين الكواع الواحد mm	عدد الأكواع للطريق	عدد قضبان (الشبكه)		طول cm القضبان
		485	mm	425			485	425	
1/3HP	115	485		425	12	24	126	108	116
1/4HP	105	485		425	11	22	126	108	106
1/5HP	95	485		425	10	20	126	108	96
1/6HP	85	485		425	9	18	126	108	86
1/7HP	75	485		425	8	16	126	108	76
1/8HP	65	485		425	7	14	126	108	66
1/9HP	55	485		425	6	12	126	108	56
1/10HP	45	485		425	5	10	126	108	46
1/12HP	35	485		425	4	8	126	108	36

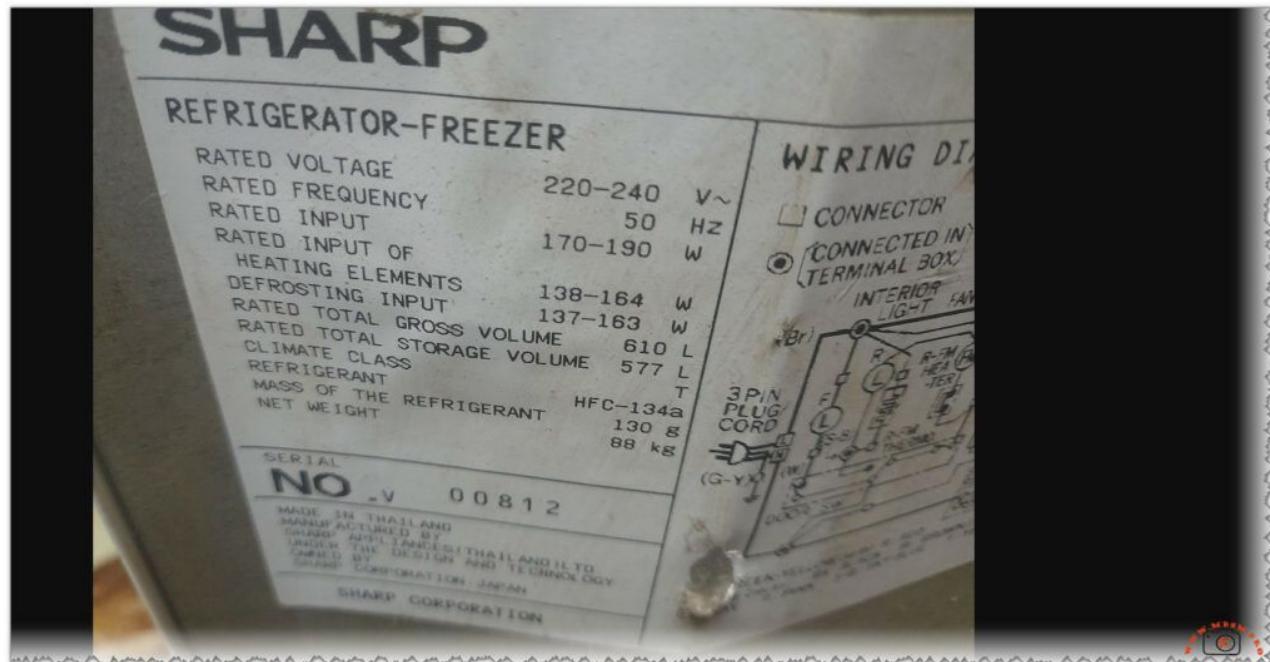
Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Horsepower Units Demystified: A Comprehensive Guide to Specs, Efficiency, and Selection

**Mbsm.pro, SHARP, 2 Doors, 18 feet, REFRIGERATOR-FREEZER, 577 L, Compressor , 1/4 hp, r134, 130g**

Category: Refrigerator

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

The Sharp refrigerator, with its low power consumption (170-190 watts), large storage capacity (577 liters), and eco-friendly refrigerant (HFC-134a), stands out as an excellent choice for households.

**Mbsm.pro, Compressor, Lg, 2025,**  
**CSB030LHMG, CSB035LHMG, CMA042LHEG,**  
**CMA0S0LHEG, CMA0STLMEG, CMAGE0LHEM,**  
**CMA07SLAEM, LX95LMBM, LX110LAJM,**  
**CSB057NJEG, CSB069NJEG, CSB075NJEG,**  
**CSB090NJJM, CMA110NJEM, CSB0SSLUCM,**  
**CMA0S3LHCG, CMA062LHCM, BSA075NHMV,**  
**BSA0SONAMV, BSA090N3MV, BMK110NHMV**

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025

# LG REFRIGERATOR COMPRESOR MODEL LIST



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/10 HP	CSB030LHMG	LBP	220~240/50HZ
	1/10 HP	CSB035LHMG	LBP	220~240/50HZ
	1/8 HP	CMA042LHEG	LBP	220~240/50HZ
	1/6 HP	CMA053LHEG	LBP	220~240/50HZ
	1/5 HP	CMA057LHEG	LBP	220~240/50HZ
	1/4 HP	CMA069LHEM	LBP	220~240/50HZ
	1/4+ HP	CMA075LAEM	LBP	220~240/50HZ
	1/3 HP	LX95LHBM	LBP	220~240/50HZ
	1/2 HP	LX110LAJM	LBP	220~240/50HZ

REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R600a	1/10 HP	CSB057NJEG	LBP	220~240/50HZ
	1/8 HP	CSB069NJEG	LBP	220~240/50HZ
	1/6 HP	CSB075NJEG	LBP	220~240/50HZ
	1/5 HP	CSB090NJJM	LBP	220~240/50HZ
	1/4 HP	CMA110NJEM	LBP	220~240/50HZ



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/6 HP	CSB035LJCM	LBP	110V 60HZ
	1/5 HP	CMA053LHCG	LBP	110V 60HZ
	1/4 HP	CMA062LHCM	LBP	110V 60HZ

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHHMV	240V 66-225HZ
	1/4HP	BSA090NAMMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHHMV	240V 45-225HZ



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

CSB030LHMG, CSB035LHMG, CMA042LHEG, CMA050LHEG, CMA057LHEG, CMAGE0LHEM, CMA075LAEM, LX95LHBM, LX110LAJM, CSB057NJEG, CSB069NJEG, CSB075NJEG, CSB090NJJM, CMA110NJEM, CSBOSSLUCM, CMA053LHCG, CMA062LHCM, BSA075NHHMV, BSA0SONAMMV, BSA090N3MV, BMK110NHHMV

# LG REFRIGERATOR COMPRESOR MODEL LIST



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/10 HP	CSB030LHMG	LBP	220~240/50HZ
	1/10 HP	CSB035LHMG	LBP	220~240/50HZ
	1/8 HP	CMA042LHEG	LBP	220~240/50HZ
	1/6 HP	CMA053LHEG	LBP	220~240/50HZ
	1/5 HP	CMA057LHEG	LBP	220~240/50HZ
	1/4 HP	CMA069LHEM	LBP	220~240/50HZ
	1/4+ HP	CMA075LAEM	LBP	220~240/50HZ
	1/3 HP	LX95LHBM	LBP	220~240/50HZ
	1/2 HP	LX110LAJM	LBP	220~240/50HZ

REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R600a	1/10 HP	CSB057NJEG	LBP	220~240/50HZ
	1/8 HP	CSB069NJEG	LBP	220~240/50HZ
	1/6 HP	CSB075NJEG	LBP	220~240/50HZ
	1/5 HP	CSB090NJJM	LBP	220~240/50HZ
	1/4 HP	CMA110NJEM	LBP	220~240/50HZ



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/6 HP	CSB035LJCM	LBP	110V 60HZ
	1/5 HP	CMA053LHCG	LBP	110V 60HZ
	1/4 HP	CMA062LHCM	LBP	110V 60HZ

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHHMV	240V 66-225HZ
	1/4HP	BSA090NAMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHHMV	240V 45-225HZ



Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Mbsm.pro, COMPARE, K2-C239ELFCEF, AND, LG ,T182SC

Category: compressor  
written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025

**K2-C239ELFCEF**

1PH 50 Hz 220-240 V ~

LRA 35 A 1362-1398 W R-22

OK



RoHS

203006338

QINGDAO TECO PRECISION MECHATRONICS CO.,LTD.

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Mbsm.pro, COMPARE, K2-C239ELFCEF, AND, LG ,T182SC

# Mbsm.pro, Table, starting, capacitors, compressor

Category: compressor

written by [www.mbsm.pro](http://www.mbsm.pro) | 2 February 2025

TABLA DE CAPACITORES	
Capacidad (μf)	Aplicación
60 - 70	Motores de 1/8 HP
70 - 90	Motores de 1/6 HP
80 - 100	Motores de 1/6 HP
100 - 120	Motores de 1/5 HP
120 - 140	Motores de 1 / 4 HP

Private Picture Copyright : [WWW.MBSM.PRO](http://WWW.MBSM.PRO)

Starting capacitors are essential for the smooth operation of compressor motors, providing the necessary torque to start single-phase systems. This guide explores the role of starting capacitors, how to calculate the correct capacitance, and troubleshooting tips to ensure optimal performance. Whether you're maintaining an HVAC system or working with industrial compressors, understanding starting capacitors is key to improving efficiency and extending equipment lifespan. Dive into the details to learn more!