

# 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



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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.
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## 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.
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## Troubleshooting Tips

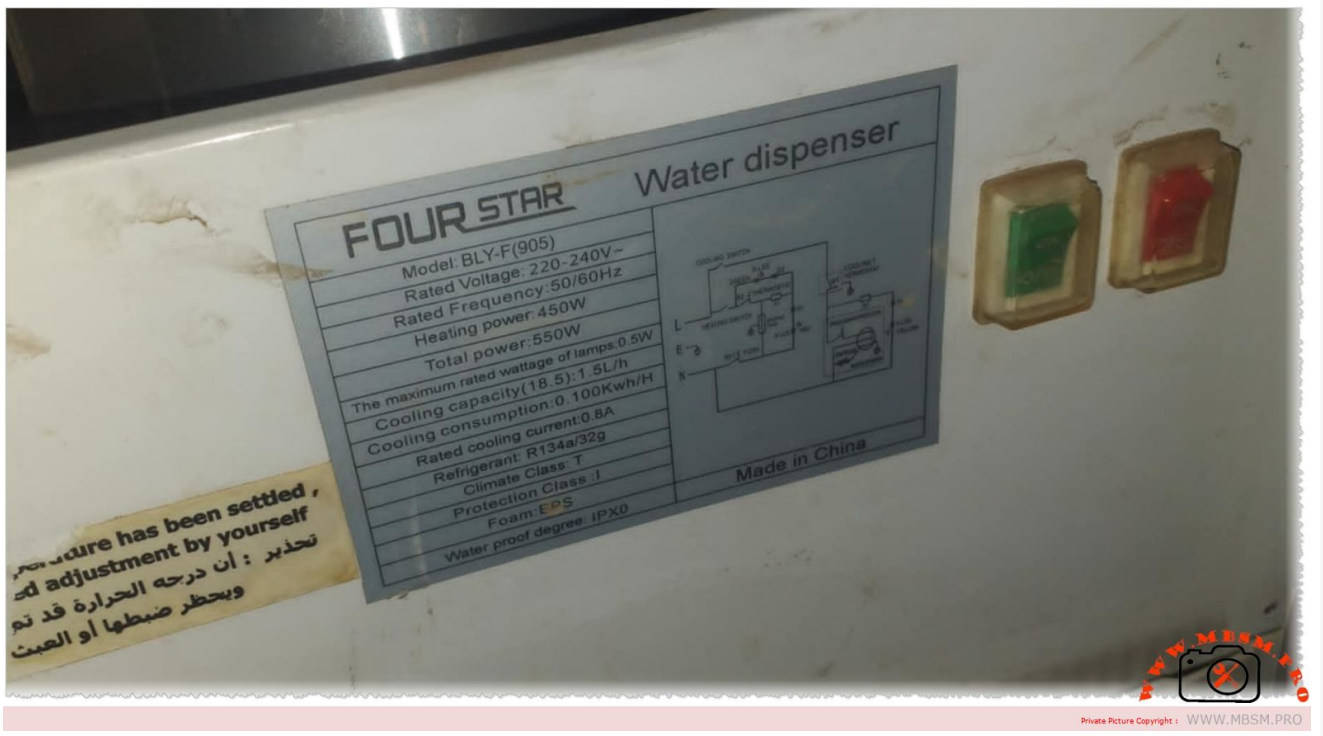
- **Low Cooling Efficiency:** Check refrigerant charge, water flow, or condenser cleanliness.
- **Component Failure:** Test the BLY-F/950 part (e.g., continuity for switches, clogging in filter driers).
- **Noise/Leaks:** Inspect the compressor and refrigerant lines.

**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	
	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 a serial policy of constant development, technical specifications may be subject to change.





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File Extension: jpg

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File Type: application/pdf

File Size: 296.7 KB

File Extension: pdf

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

Category: compressor

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Compressor BPM1084Z, B1085A, AE8ZA7: A Comprehensive Overview

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

Category: compressor

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134a

**Panasonic**



916592 MK1240457 RoHS

**QBH86C19RLA**

220V-50Hz 1PH

Thermally Protected

Panasonic Corporation

Made in Malaysia



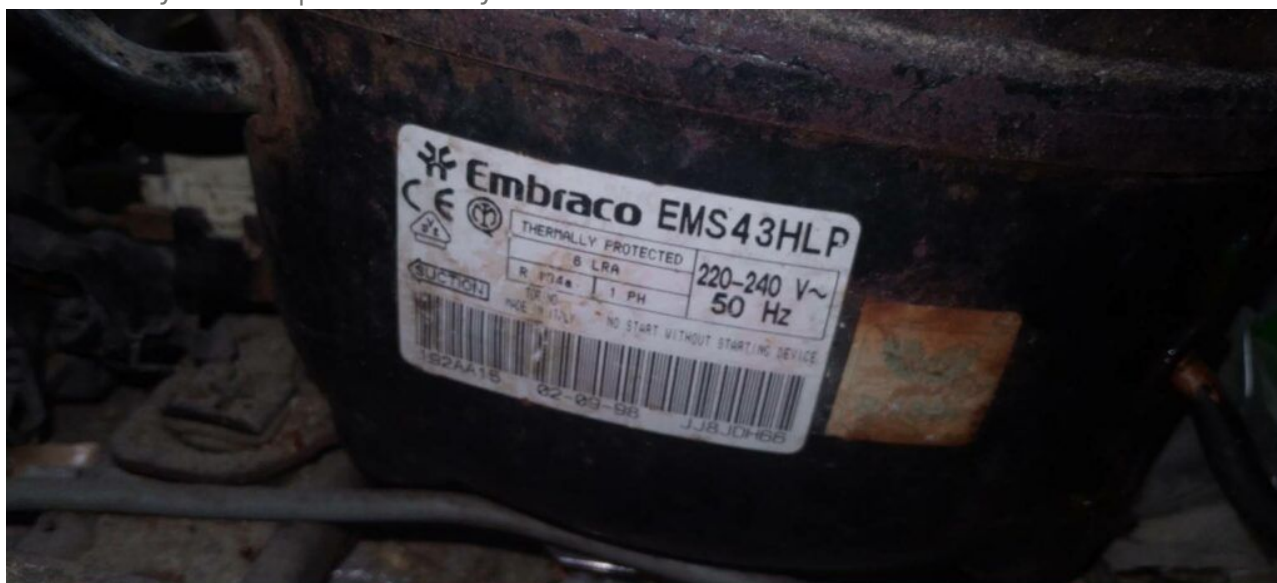
Panasonic compressors are trusted globally for their exceptional performance, efficiency, and reliability. Whether you're looking for a compact rotary compressor for a home refrigerator or a high-capacity scroll compressor for a commercial HVAC system, Panasonic offers a wide range of solutions tailored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

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## Mbsm.pro, Compressor, Embraco, Aspera, EMT43HLP, EMY3111Z, LBP-R134a, R507, 220-240V/1/50Hz, 1/8and HP, displacement 4.85 cm<sup>3</sup>, motor type RSIR

Category: compressor

written by Amina | 2 February 2025



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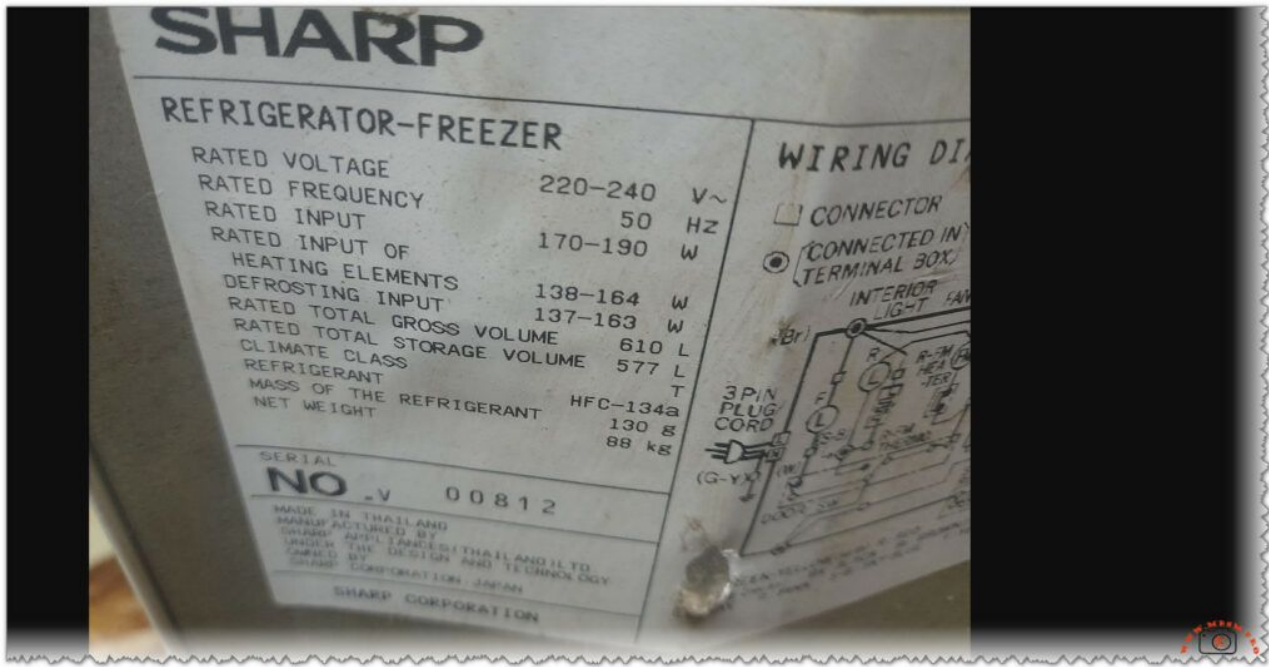
Mbsm.pro, Compressor, Embraco, Aspera, EMT43HLP, EMY3111Z, LBP-R134a, R507, 220-240V/1/50Hz, 1/8and HP, displacement 4.85 cm<sup>3</sup>, motor type RSIR

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

Category: Refrigerator

written by www.mbsm.pro | 2 February 2025



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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,  
 BSA0S0NAMV, BSA090N3MV, BMK110NHMV

Category: compressor

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# 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 110V60HZ	1/6 HP	CSB035LJCM	LBP	110V 60Hz
	1/5 HP	CMA053LHCG	LBP	110V 60Hz
	1/4HP	CMA062LHCM	LBP	110V 60Hz

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHMV	240V 66-225HZ
	1/4HP	BSA090NAMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHMV	240V 45-225HZ



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CSB030LHMG, CSB035LHMG, CMA042LHEG, CMA053LHEG, CMA057LHEG, CMA069LHEM, CMA075LAEM, LX95LHBM, LX110LAJM, CSB057NJEG, CSB069NJEG, CSB075NJEG, CSB090NJJM, CMA110NJEM, CSB053LJCM, CMA053LHCG, CMA062LHCM, BSA075NHMV, BSA090NAMV, BSA090NJMV, BMK110NHMV

# LG REFRIGERATOR COMPRESSOR 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

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	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 110V60HZ	1/6 HP	CSB035LJCM	LBP	110V 60Hz
	1/5 HP	CMA053LHCG	LBP	110V 60Hz
	1/4HP	CMA062LHCM	LBP	110V 60Hz

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHMV	240V 66-225HZ
	1/4HP	BSA090NAMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHMV	240V 45-225HZ



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

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

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

Category: compressor

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TABLA DE CAPACITORES	
Capacidad ( $\mu$ f)	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



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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!

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# Mbsm.pro, Understanding, Motor, Starting, Systems, for, Compressor

Category: Chaud&Froid

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## TABLAS DE CARACTERISTICAS VARIOS SISTEMAS DE ARRANQUE Y PROTECCIÓN



Model	Connect current(A)	Release current(A)	Overload current(A)	Applied Temperature $^{\circ}$ C	Connect temperature $^{\circ}$ C
117 $\mu$ 2010	2	1.6	4	105 $\pm$ 10	60 $\pm$ 10
117 $\mu$ 2030	3	2.6	5		
117 $\mu$ 2040	4	3.6	6.5		
117 $\mu$ 2050	4.6	4.2	6.5		



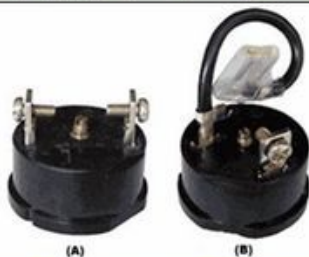
The specification(HP)	1/8	1/6	1/5	1/4	1/3	1/2	3/8
Compressor power(W)	93	125	150	180	245	375	275
Max Connection current(A)	3.0	3.6	4.25	4.75	5.30	6.50	6.0
Min.release current(A)	2.6	3.0	3.35	3.75	4.25	5.0	4.75



Compressor power(HP)	Compressor powe Model		
		Max connect current(A)	Minimum release current(A)
1/12	B5A15	1.85	1.6
1/8	B8A10	2.43	2.07
1/6	B10A19	3	2.56
1/5	B12A12	3.5	2.95
1/4	B16A13	5.15	4.85
1/3	B9A11	7	5.9



The specification(HP)	1/12	1/10	1/8	1/7	1/6	1/5	1/4	1/3	1/2
Compressor power(W)	61	74	93	105	125	150	180	245	370
Max connect current(A)	2	2.5	3	3.3	3.6	4.75	5.35	6	7.5
Release current(A)	1.6	2	2.6	2.8	3	3.35	4.25	4.75	6



The specification(HP)	Overload current(A)	Movement temperature	Reply return temperature
3	35	125 $\pm$ 10 $^{\circ}$ C	60 $\pm$ 10 $^{\circ}$ C
5	40		



The specification	Compressor power	Overload current(A)	Applied temperature	Restored temperature
JRT4-2/3	450W(2/3HP)	14	125-155 $^{\circ}$ C	50-80 $^{\circ}$ C
JRT4-10	750W(1HP)	16		
JRT4-13	975W(1.3HP)	20		
JRT4-15	1100W(1.5HP)	24		
JRT4-20	1500W(2HP)	30		

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Understanding the specifications of motor starting systems is crucial for optimizing performance and ensuring the longevity of your equipment. This guide provides a detailed breakdown of various motor starting systems, including their current ratings, temperature ranges, and power requirements. Whether you're working with compressors or other industrial machinery, this information will help you select the right system for your needs. Dive into the tables below to explore the key characteristics of each system and make informed decisions for your applications.

Mbsm.pro, Compressor, LC95LAEH, Lg, 1/3 hp, 285 w, 245 kcal, 975 btu, 9.5

# cc, lbp, 180 g, r134a, REFRIGERATOR, FREEZER, GR-P227KGJ, 598 L

Category: compressor

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The LG LC95LAEH Compressor is a high-performance, energy-efficient component designed for refrigeration and freezer applications. With a power rating of 1/3

HP (285 W) and a cooling capacity of 245 kcal/h (975 BTU), this compressor is ideal for maintaining optimal temperatures in large-capacity appliances, such as the 598-liter GR-P227KGJ refrigerator/freezer. Featuring a 9.5 cc displacement and utilizing R134a refrigerant, it ensures reliable and eco-friendly cooling performance. Its Low Back Pressure (LBP) design makes it suitable for refrigeration systems, while its compact build (weighing just 180 grams) ensures easy integration into your appliance. Trust the LG LC95LAEH compressor for durable, efficient, and quiet operation in your refrigeration needs.