

Mbsm.pro, compressor, NEK1118Z , GL90AA, r134a, 190w, Lbp

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, compressor, NEK1118Z , GL75AA , GL90AA, r134a, 190w, Lbp

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

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : 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 ³
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

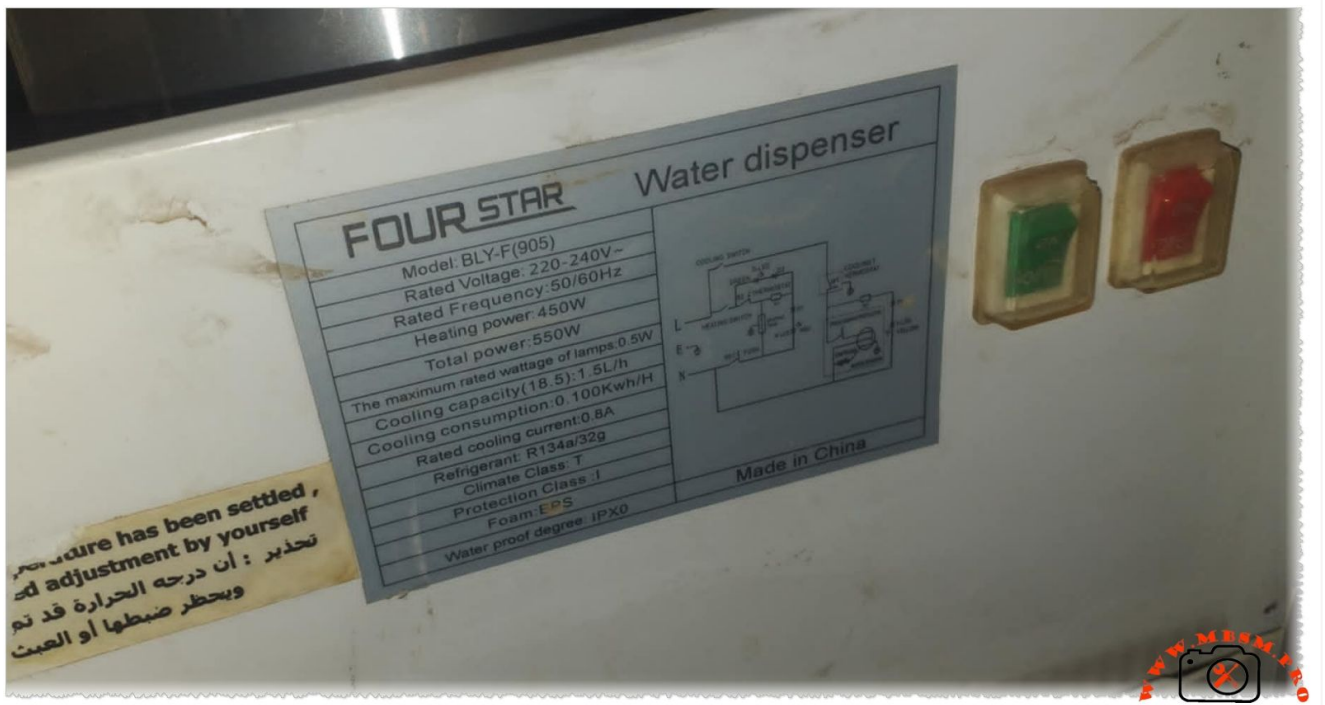
- **Low Cooling Efficiency:** Check refrigerant charge, water flow, or condenser cleanliness.
- **Component Failure:** Test the BLY-F/950 part (e.g., continuity for switches, clogging in filter driers).
- **Noise/Leaks:** Inspect the compressor and refrigerant lines.

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(-10F)			1watt=3.41Btu/Hr					
OC:Oilcooling	RSCR:ResistanceStartCapacitorRun			CondensingTemp.:54.4°C(130F)			1watt=0.86Kcal/Hr					
ST:Static	CSIR:CapacitorStartInductionRun			GasSuperheatedto:32.2°C(90F)			1Kcal/Hr=3.97Btu/Hr					
	CSR:CapacitorStartCapacitorRun			Liquidsub-cooledto:32.2°C(90F)								
				AmbientTemp.:32.2°C(90F)								

As a result of a self-policy of constant development, technical specifications may be subject to change.





Private Picture Copyright : WWW.MBSM.PRO



Private Picture Copyright : 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 | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

Compressor BPM1084Z, B1085A, AE8ZA7: A Comprehensive Overview

Mbsm.pro, Compressor, LC95LAEH, Lg, 1/3 hp, 285 w, 245 kcal, 975 btu, 9.5 cc, 1bp, 180 g, r134a, REFRIGERATOR,

FREEZER, GR-P227KGJ, 598 L

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

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.

Mbsm.pro, Compressor, FR7GH, 103G6683, Hbp, Cooling, 1/5 hp, r134a

Category: compressor

written by www.mbsm.pro | 17 February 2025



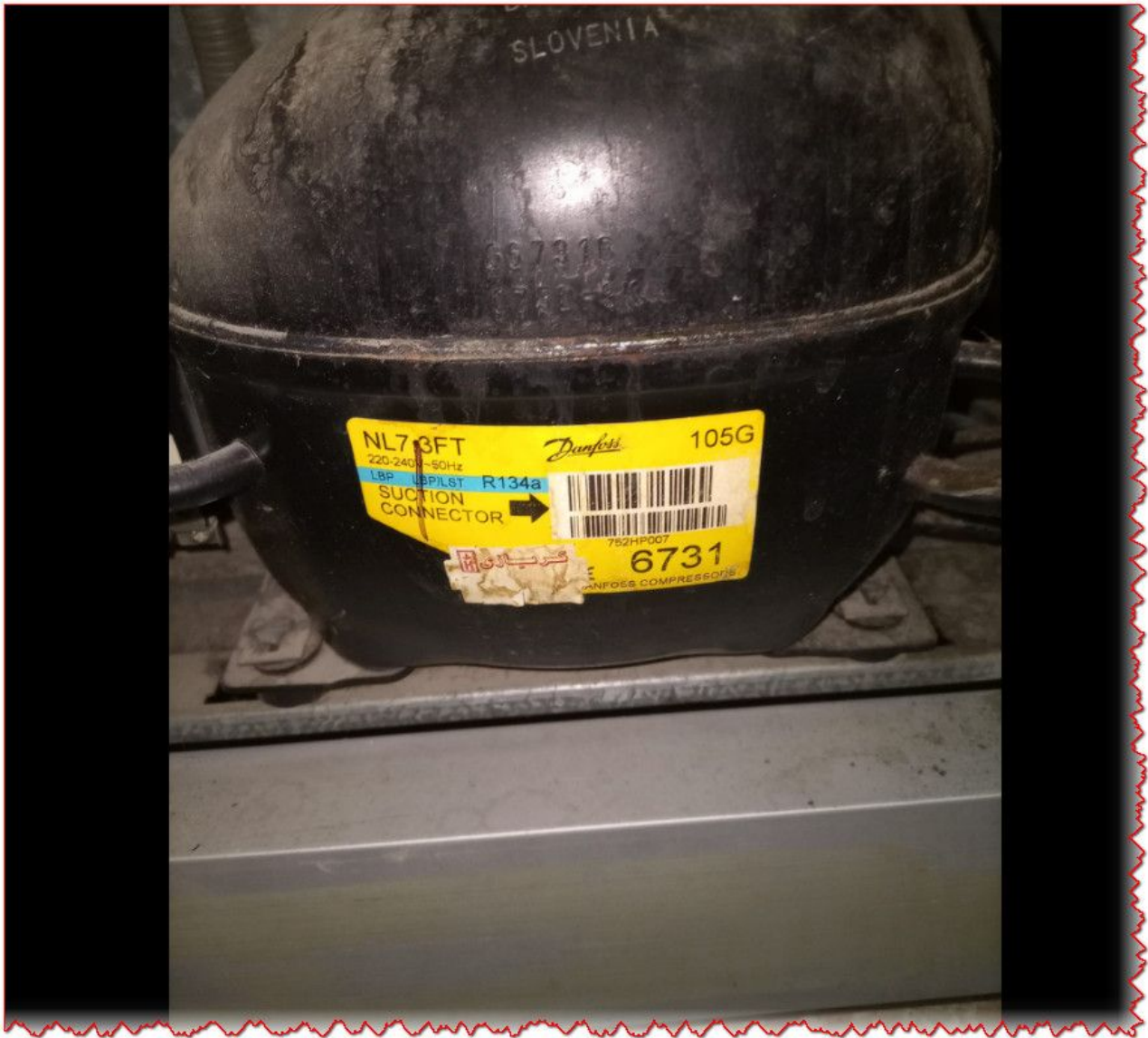
Private Picture Copyright : WWW.MBSM.PRO

Explore detailed specifications and features of the SECOP FR7GH (103G6683) compressor, including its performance metrics and applications

Mbsm.pro, compressor, NL7.3FT, 105G6731, Secop, Danfoss, 1/5 hp, r134a

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

the 105G6731 is a model number for a tropical compressor manufactured by Secop, which is part of Danfoss. Here are the key specifications and details related to this compressor:

Mbsm.pro, Compressor, 1/3 hp, lbp, cooling, AE2410YS, Tecumseh, r134a

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

The Tecumseh AE2410YS is a versatile compressor designed for light commercial refrigeration applications. Known for its efficiency and reliability, this model is ideal for various cooling needs in commercial settings

Mbsm.pro, Tecumseh, Compressors, R134a, M/HBP

Category: compressor

written by www.mbsm.pro | 17 February 2025



Tecumseh Compressors R134a M/HBP

Tecumseh created the world's first hermetic compressor for the commercial refrigeration industry in the 1930s and created our reputation as a pioneer of refrigeration solutions. Today, our offerings reach much further than hermetic compressors.

Tecumseh is a global manufacturer of hermetic reciprocating and rotary compressors. We supply to applications to include; Domestic, light commercial, commercial along with air conditioning and heat pumps.

Refrigerant capabilities are numerous with suitability for HFC, HFO and HC options. Tested and compliant to all applicable standards Tecumseh represents quality, best in class efficiency, robust design and proven long life. A compressor that will not let you down, or your customer.



CODE	MODEL	C.C.	Wattss	BTU/HR	Control	Voltage	List Price
TECC110-T	CAJ4461Y-FZ	18.3	723	2,467	CV	230.1	£564.00
TECC110-V	CAJ4461Y-FZ	18.3	723	2,467	CV	230.1	£571.00
TECC114-T	CAJ4492Y-FZ	25.9	1,065	3,634	CV	230.1	£647.00
TECC114-V	CAJ4492Y-FZ	25.9	1,065	3,634	CV	230.1	£654.00
TECC116-T	CAJ4511Y-FZ	32.7	1,429	4,876	CV	230.1	£696.00
TECC116-V	CAJ4511Y-FZ	32.7	1,429	4,876	CV	230.1	£703.00

Private Picture Copyright : WWW.MBSM.PRO

Tecumseh Compressors R134a M/HBP

Mbsm.pro, Compressor, PW4.5VK, 1/8hP, 128 W, PW5.5VK, 1/6hP, 148 W, PW6.5VK, 1/5hP, 168 W, r134a, 1ph220v, watercooler, freezing

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Compressor, PW4.5VK, 1/8hP, 128 W, PW5.5VK, 1/6hP, 148 W, PW6.5VK, 1/5hP, 168 W, r134a, 1ph220v, watercooler, freezing

Mbsm.pro, Compressor, D110C21RAZ5, 1/3 hp, 298 w, 11 cc, 256 kcal, 1017 btu, lbp, r134a, 1ph/220/50hz

Category: compressor

written by www.mbsm.pro | 17 February 2025



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Compressor, D110C21RAZ5, 1/3 hp, 298 w, 11 cc, 256 kcal, 1017 btu, 1bp, r134a, 1ph/220/50hz