

Mbsm.pro, ACC , Electrolux,
Compressors, R404a, CML45FB3N,
CML60FB3N, CML80FB3N, CML90FB3N,
CMP12FB3N, CMP14FB3N, CMX18FB3N,
CMR22FB3N, CMS26FB3N, CMS30FB3N,
CML40TB3N, CML45TB3N, CML60TB3N,
CML80TB3N, CML90TB3N, CMP12TB3N,
CMP14TB3N, CMX16TB3N, CMX18TB3N,
CMR22TB3N, CMS26TB3N, CGL40TB3NR,
CGL45TB3NR, CGL60TB3NR, CGL90TB3NR,
CGP10RB3N, CGP12TB3NR, CGP14TB3NR,
CGX18TB3N, CGX21TB3N, CGS26TB3N,
CGS30TB3N, CGS34TB3N

Category: compressor

written by www.mbsm.pro | 5 February 2025

Model	Compressor					Amb. Temp.	R404a Capacity [watts]								Suction liquid	Dimensions [mm]			Weight kg
	Displ. cm3/rev	HP	Motor Type	Input [Watts]	FLA [A]		Evaporating temp. [°C]									L	W	H	
							-25	-20	-15	-10	-5	0	5	10					
CML40TB3N	4.0	1/5	CSIR	348	2.0	32	205	253	309	372	440	516	597	687	3/8" : 1/4"	425	325	235	14.6
						38	189	234	285	343	406	476	551	634					
						43	178	220	268	322	381	447	518	596					
CML45TB3N	4.5	1/4	CSIR	385	2.2	32	221	277	338	405	477	555	640	724	3/8" : 1/4"	425	325	235	14.7
						38	204	256	312	373	440	512	590	668					
						43	192	240	293	351	413	481	555	628					
CML60TB3N	5.7	1/3	CSIR	477	2.8	32	274	345	421	506	596	693	797	907	3/8" : 1/4"	425	330	245	22.7
						38	253	318	389	466	550	639	735	837					
						43	238	299	365	438	517	601	691	787					
CML80TB3N	7.6	3/8	CSIR	570	3.3	32	420	493	584	692	818	961	1122	1300	3/8" : 3/8"	450	355	270	23.5
						38	388	455	539	638	754	886	1035	1199					
						43	364	428	506	600	709	833	972	1127					
CML90TB3N	8.9	1/2	CSIR	700	4.0	32	434	545	665	798	940	1094	1258	1433	3/8" : 3/8"	425	355	270	23.9
						38	400	503	614	736	867	1009	1160	1321					
						43	376	472	577	692	815	948	1090	1242					
CMP12TB3N	12.0	1/2	CSR	860	4.1	32	598	755	926	1113	1317	1537	1772	2023	3/8" : 3/8"	480	425	350	29.8
						38	552	696	854	1027	1215	1417	1634	1866					
						43	519	655	803	965	1142	1332	1536	1754					
CMP14TB3N	14.0	5/8	CSR	1000	4.9	32	631	810	1002	1208	1429	1662	1911	2172	3/8" : 3/8"	500	425	350	29.9
						38	582	747	924	1114	1318	1533	1762	2004					
						43	547	702	869	1047	1239	1441	1657	1883					
CMX16TB3N	16.0	1	CSR	1163	5.8	32	751	973	1198	1428	1661	1899	2140	2385	3/8" : 3/8"	495	430	350	30.0
						38	708	916	1129	1345	1564	1788	2015	2246					
						43	671	869	1070	1276	1483	1696	1911	2130					
CMX18TB3N	18.4	11/8	CSR	1370	7.0	32	812	1024	1242	1466	1697	1933	2176	2425	3/8" : 3/8"	500	430	350	33.0
						38	765	965	1169	1381	1598	1820	2049	2283					
						43	725	915	1109	1310	1516	1726	1944	2165					
CMR22TB3N	21.2	11/4	CSR	1228	6.3	32	885	1126	1397	1698	2031	2396	2787	3213	1/2" : 3/8"	525	455	440	41.2
						38	816	1038	1288	1567	1873	2210	2571	2963					
						43	767	976	1211	1473	1761	2077	2416	2785					
CMS26TB3N	25.9	11/2	CSR	1772	9.0	32	1218	1553	1911	2289	2690	3113	3557	4023	1/2" : 3/8"	515	455	440	43.8
						38	1124	1433	1762	2111	2481	2871	3280	3711					
						43	1056	1347	1657	1984	2333	2699	3084	3488					

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CML45FB3N, CML60FB3N, CML80FB3N, CML90FB3N, CMP12FB3N, CMP14FB3N, CMX18FB3N, CMR22FB3N, CMS26FB3N, CMS30FB3N, CML40TB3N, CML45TB3N, CML60TB3N, CML80TB3N, CML90TB3N, CMP12TB3N, CMP14TB3N, CMX16TB3N, CMX18TB3N, CMR22TB3N, CMS26TB3N, CGL40TB3NR, CGL45TB3NR, CGL60TB3NR, CGL90TB3NR, CGP10RB3N, CGP12TB3NR, CGP14TB3NR, CGX18TB3N, CGX21TB3N, CGS26TB3N, CGS30TB3N, CGS34TB3N

Mbsm.pro, Compresoor, 1/8 hp, r12,
1ph/220v/50hz, AEZ1336A, B8A39,
AE1027, TL4A, L45AU, PW4.5K9,
AZ1335A, 8L300, FN43F67S, M4J, B8A10,
A1075A, V792, V792E, AS8, E36601,
LK39.0, TL4B, L45AW, AZ1340A,
FNE75WS5, ESM4, PB9AF88, A1085A,
E44101A, LK45.0, TL4A, AEZ1336A,
BP1072A

Category: compressor

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Mbsm.pro, Compresoor, 1/8 hp, r12, 1ph/220v/50hz, AEZ1336A, B8A39, AE1027, TL4A,
L45AU, PW4.5K9, AZ1335A, 8L300, FN43F67S, M4J, B8A10, A1075A, V792, V792E, AS8,
E36601, LK39.0, TL4B, L45AW, AZ1340A, FNE75WS5, ESM4, PB9AF88, A1085A, E44101A,
LK45.0, TL4A, AEZ1336A, BP1072A

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

Category: compressor

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

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

Category: compressor

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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 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.

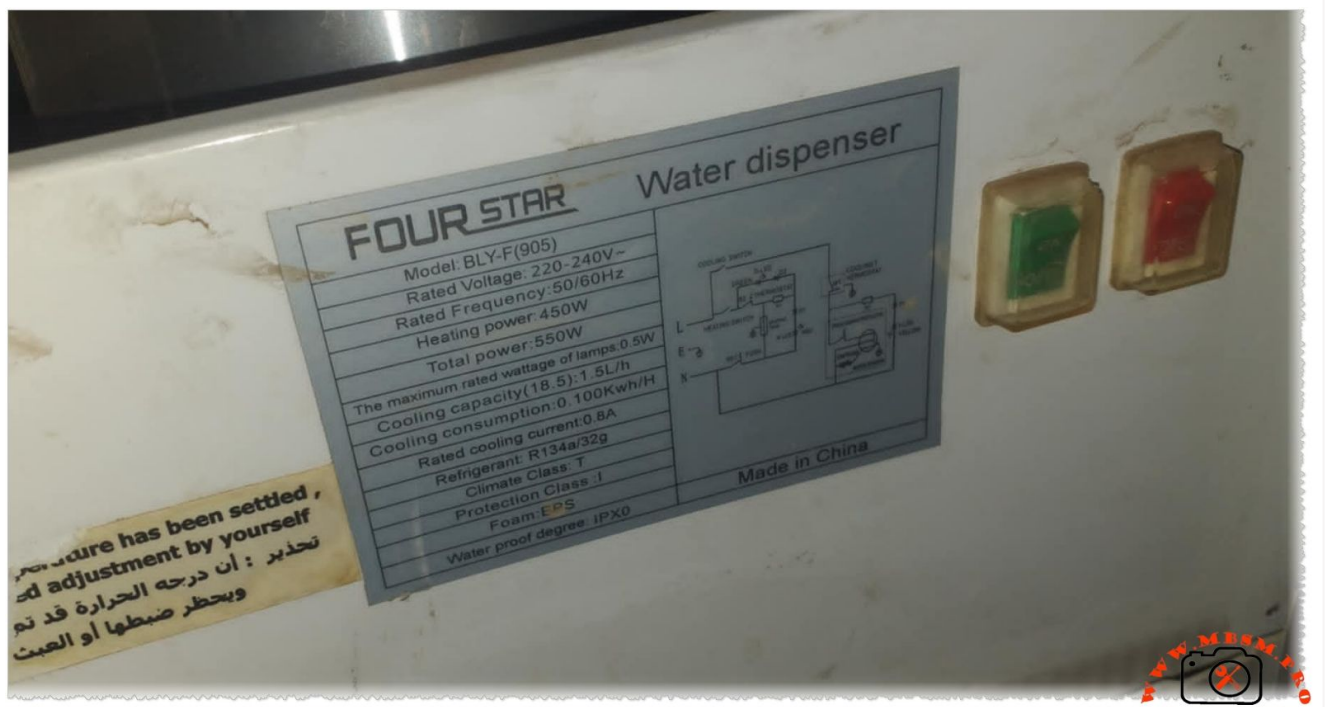
Troubleshooting Tips

- **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	Motor type	Cooling capacity+/-5% ASHRAE(-23.3℃)			Input Power +/-5%	COP+/-7% ASHRAE(-23.3℃)			Cooling
					(cc/rev)	(kcal/h)	(W)		(Btu/h)	w	(kcal/h)	
			220-240V~ 50/60Hz		1/14hp	ASV20H	2.0cc	RSIR	41	48	164.00	
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℃(-10℉)			1watt=3.41Btu/Hr		
OC:Oilcooling	RSCR:ResistanceStartCapacitorRun						CondensingTemp.: 54.4℃(130℉)			1watt=0.86Kcal/Hr		
ST:Static	CSIR:CapacitorStartInductionRun						GasSuperheatedto: 32.2℃(90℉)			1Kcal/Hr=3.97Btu/Hr		
	CSR:CapacitorStartCapacitorRun						Liquids sub-cooled to: 32.2℃(90℉)					
							AmbientTemp.: 32.2℃(90℉)					
As a result of a self-improvement policy of constant development, technical specifications may be subject to change.												





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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

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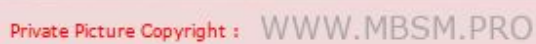
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Compressor BPM1084Z, B1085A, AE8ZA7: A Comprehensive Overview

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

Category: compressor

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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

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

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



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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, CMA0S0LHEG, CMA0STLMEG, CMAGE0LHEM,
CMA07SLAEM, LX95LMBM, LX110LAJM, CSB057NJEG, CSB069NJEG, CSB075NJEG, CSB090NJJM,
CMA110NJEM, CSB0SSLUCM, CMA0S3LHCG, CMA062LHCM, BSA075NHMV, BSA0SONAMV,
BSA090N3MV, BMK110NHMV

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

Category: compressor

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K2-C239ELFCEF

1PH 50 Hz 220-240 V ~

(OK)

LRA 35 A 1362-1398 W R-22



RoHS

203008338


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

Mbsm.pro, Table, starting, capacitors, compressor

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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



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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!