

Embraco NEU2178GK, compressor

Category: Refrigeration

written by www.mbsm.pro | 2 January 2026



Private Picture Copyright : WWW.MBSM.PRO

The Embraco NEU2178GK is the definitive choice for 1 HP commercial freezing applications. Featuring a robust CSR motor and 16.8cc displacement, this R404A compressor delivers high starting torque for demanding environments. This guide details the electrical requirements, installation tips, and how it compares to

Secop and Tecumseh alternatives.

Copeland ZB50KCE Scroll Compressor

Category: Refrigeration

written by www.mbsm.pro | 2 January 2026












Private Picture Copyright : WWW.MBSM.PRO

copeland zb50kce scroll compressor 7 hp 11.9 kw polyester oil nameplate data
[Mbsmgroup](http://Mbsmgroup.com) mbsmpro.com

Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

Category: Refrigeration

written by www.mbsm.pro | 2 January 2026

List of some Common Refrigerants						
Standing, Suction, Discharge Pressure & Boiling Temperature						
Refrigerant Name	Cylinder Colour Code	Standing Pressure	Suction Pressure	Discharge Pressure	Boiling Point Temp.	Replacement For
R22		150-155 psi	60-70 psi	250-300 psi	-40.8°C	R11
		1034.2-1068.6 kPa	413.7-482.6 kPa	1723.6-2068.4 kPa		
R134A		80-95 psi	12-15 psi	150 psi	-26.2°C	R12
		551.5-655 kPa	82.7-103.4 kPa	1034.2 kPa		
R600A		40-50 psi	Below 0-1 psi	150 psi	-11.7°C	
		275.8-344.7 kPa	Below 0-6.8 kPa	1034.2 kPa		
R32		240-245 psi	110-115 psi	175-375 psi	-52.0°C	
		1654.7-1689.2 kPa	758.4-792.9 kPa	1206.6-2585.5 kPa		
R290		125-130 psi	65-70 psi	275-300 psi	-42.1°C	
		861.8-896.3 kPa	448.2-482.6 kPa	1896-2068.4 kPa		
R407C		180-185 psi	75-80 psi	275-300 psi	-45.0°C	R22
		1241-1275.5 kPa	517.1-551.6 kPa	1896-2068.4 kPa		
R404A		180-185 psi	80-90 psi	275-300 psi	-46.2°C	R502
		1241-1275.5 kPa	551.6-620.5 kPa	1896-2068.4 kPa		
R410a		225-230 psi	120-130 psi	450-500 psi	-51.4°C	R22
		1551.3-1585.8 kPa	827.4-896.3 kPa	3102.6-3447.4 kPa		
R417		140 psi	65 psi	261 psi	-39.0°C	R22
		965.3 kPa	488.2k Pa	1799.5 kPa		

1Bar = 100kPa or 14.5 psi

Private Picture Copyright : WWW.MBSM.PRO

Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.

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 | 2 January 2026

Model	Compressor						Amb. Temp	R404a Capacity [watts]							Suction liquid	Dimensions [mm]			Weight kg
	Displ. cm ³ /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	1 1/8	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	1 1/4	CSR	1228	6.3	32	885	1126	1397	1698	2031	2396	2787	3213	1/2" : 3/8"	525	455	440	41.7
						38	816	1038	1288	1567	1873	2210	2571	2963					
						43	767	976	1211	1473	1761	2077	2416	2785					
CMS26TB3N	25.9	1 1/2	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					



Private Picture Copyright : WWW.MBSM.PRO

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, Compressor, Tecumseh, 1/2
hp, CAE9470Z, (P0E), HBP, R404A,
220-240V/1/50Hz , replaced by AE4470Z

Category: compressor

written by www.mbsm.pro | 2 January 2026



(P) 6B89090200

CAE9470Z



53 B2514 10 073413 A

COUNTRY OF ORIGIN: FRANCE

THERMALLY PROTECTED

505-100178



Mbsm.pro, Compressor, Tecumseh, 1/2 hp, CAE9470Z, (P0E), HBP, R404A, 220-240V/1/50Hz , replaced by AE4470Z

Mbsm.pro, Compressor, hermetic, piston, Embraco, NT2178GK, 3/4 hp, Lbp, 17.40 cm³, R404A, R452A, R507A

Category: compressor

written by www.mbsm.pro | 2 January 2026



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Compressor, hermetic, piston, Embraco, NT2178GK, 3/4 hp, Lbp, 17.40 cm³, R404A, R452A, R507A

Hermetic, compressor, Embraco, Aspera, NEK2134GK-A, CSIR, R404A, R507, 1/2 Hp, 8.7 cm³, NEK2134GK, 1bp, NEK 2134 U

Category: compressor

written by Amina | 2 January 2026



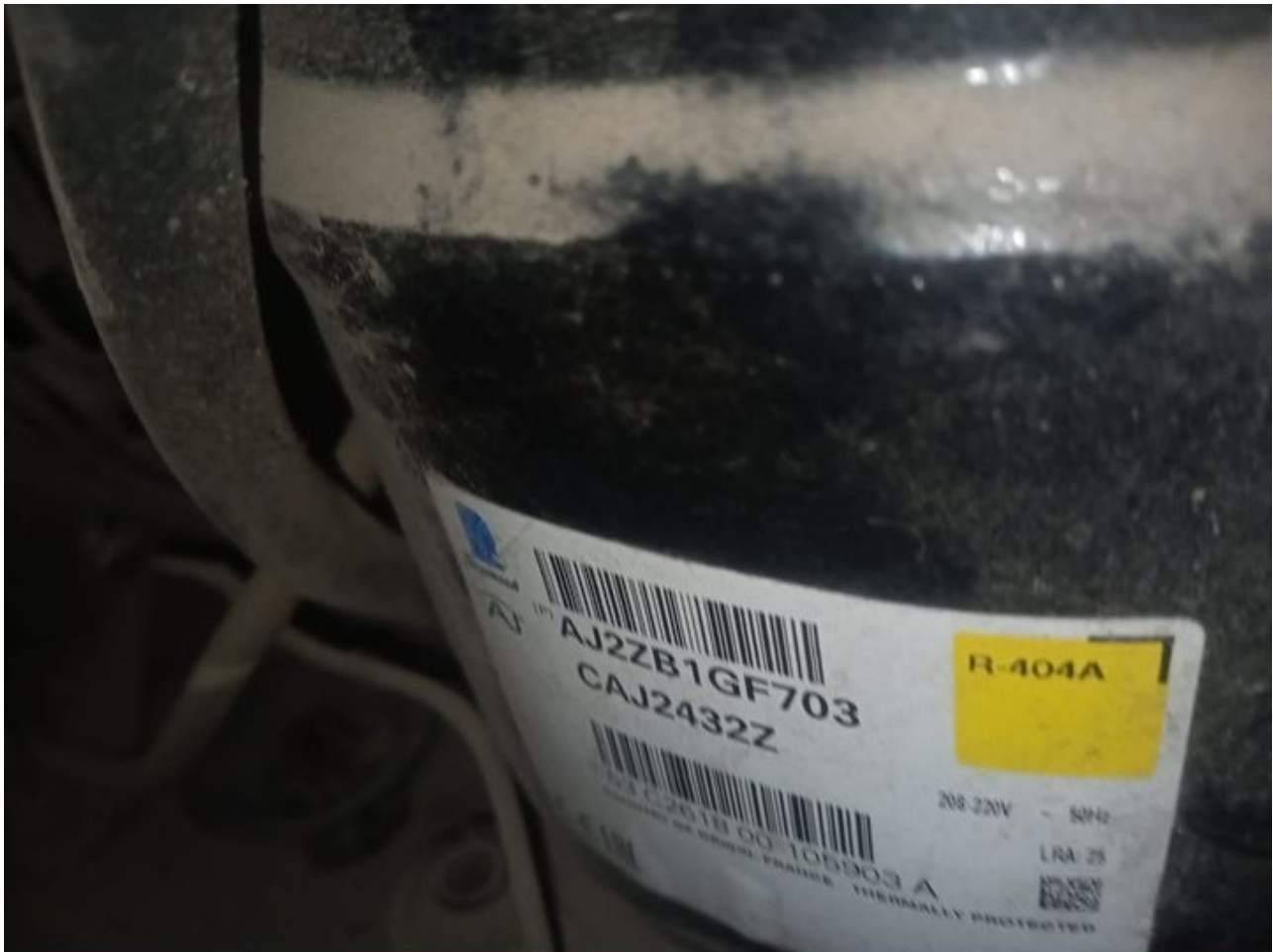
Private Picture Copyright : WWW.MBSM.PRO

Hermetic, compressor, Embraco, Aspera, NEK2134GK-A, CSIR, R404A, R507, 1/2 Hp, 8.7 cm³, NEK2134GK, lbp, NEK 2134 U

Mbsm.pro, CAJ2432Z, AJE2422ZH, 3/4 hp, Tecumseh, Compressor, R404a, Lbp, 480 w, 18.3CM³

Category: compressor

written by www.mbsm.pro | 2 January 2026



Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, CAJ2432Z, AJE2422ZH, 3/4 hp, Tecumseh, Compressor, R404a, Lbp, 480 w, 18.3CM³

Mbsm.pro, Compressor, 1HP, 1 PH, R404A, CAJ2446Z, AJ27MIGF704, 26,2cm³, LBP, 230V

Category: compressor

written by www.mbsm.pro | 2 January 2026

R404A

THB2360Z	3.6	CSR	71	97	129	169	217	275	104	0.68	6.35 - 1/4"	4.76 - 3/16"	6.35 - 1/4"	XA, F2", G2	7	172	THB2360Z	*ASERCOM Certified
THB2378Z	4.2	CSR	82	112	149	195	251	318	136	0.60	6.35 - 1/4"	4.76 - 3/16"	6.35 - 1/4"	XA, F2", G2	8	172	THB2378Z	*ASERCOM Certified
THB2396Z	5.2	CSR	108	145	191	247	315	395	157	0.69	6.35 - 1/4"	4.76 - 3/16"	6.35 - 1/4"	F2	8.3	172	THB2396Z	*ASERCOM Certified
AJ2430Z	5.02	CSR	99	142	195	259	336	427	156	0.63	6.35 - 1/4"	4.76 - 3/16"	6.35 - 1/4"	F2", AA, GS	9.9	210	AJ2430Z	*ASERCOM Certified
AJ2435Z	7.33	CSR	160	220	293	382	489	617	206	-0.78	6.35 - 1/4"	4.76 - 3/16"	6.35 - 1/4"	F2", AA, GS	10	210	AJ2435Z	*ASERCOM Certified
AJ2420Z	9.35	CSR	202	280	377	494	636	805	272	0.80	9.5 - 3/8"	6.35 - 1/4"	6.35 - 1/4"	F2", AA, GS	10.1	210	AJ2420Z	*ASERCOM Certified
AJ2425Z	12.01	CSR	271	372	496	644	821	1032	323	0.84	9.5 - 3/8"	6.35 - 1/4"	6.35 - 1/4"	F2", AA, GS, FS	10.1	210	AJ2425Z	*ASERCOM Certified
CAJ7A2438Z	15.2	CSR / TRI	252	367	511	689	906	1188	368	0.68	12.7 - 1/2"	6.35 - 1/4"	6.35 - 1/4"	XA, F2", G2, T2	20	268	CAJ7A2438Z	*ASERCOM Certified
CAJ7A2432Z	18.3	CSR / TRI	313	458	640	865	1140	1470	417	0.75	12.7 - 1/2"	7.9 - 5/16"	6.35 - 1/4"	XA, F2", G2, T2	21	268	CAJ7A2432Z	*ASERCOM Certified
CAJ240Z	21	CSR	380	547	755	1011	1322	1695	499	0.76	12.7 - 1/2"	7.9 - 5/16"	6.35 - 1/4"	F2	22	280	CAJ240Z	*ASERCOM Certified
CAJ7A2446Z	26.2	CSR / TRI	515	726	982	1262	1663	2102	608	0.85	12.7 - 1/2"	7.9 - 5/16"	6.35 - 1/4"	XA, F2", G2, K2, T2	22	280	CAJ7A2446Z	*ASERCOM Certified
CAJ7A2464Z	34.5	CSR / TRI	681	943	1266	1660	2135	2704	865	0.81	15.9 - 5/8"	9.5 - 3/8"	6.35 - 1/4"	XA, F2", G2, K2, T2	23	280	CAJ7A2464Z	*ASERCOM Certified
PH/TFH2480Z	53.2	CSR / TRI	924	1340	1831	2405	3075	3851	1102	0.84	15.9 - 5/8"	12.7 - 1/2"	7.9 - 5/16"	F2", G2, K2, T2	32	354	PH/TFH2480Z	*ASERCOM Certified
PH/TFH2511Z	74.2	CSR / TRI	1224	1794	2504	3276	4433	5697	1388	0.88	15.9 - 5/8"	12.7 - 1/2"	7.9 - 5/16"	F2", G2, K2, T2	32	370	PH/TFH2511Z	*ASERCOM Certified
TFH2516Z	106.4	TRI	1848	2680	3662	4810	6150	7702	2204	0.84	22.2 - 7/8"	15.9 - 5/8"	7.9 - 5/16"	T2	79	455	TFH2516Z	*ASERCOM Certified
TFH2522Z	148.4	TRI	2448	3588	5008	6752	8866	11304	2776	0.88	28.6 - 1 1/8"	15.9 - 5/8"	7.9 - 5/16"	T2, K2	80	455	TFH2522Z	*ASERCOM Certified
TFH-TR2524Z	159.6	TRI	2772	4020	5493	7215	9225	11553	3306	0.84	22.2 - 7/8"	19 - 3/4"	7.9 - 5/16"	T2	147	794	TFH-TR2524Z	*ASERCOM Certified
TFH-TR2532Z	222.6	TRI	3672	5382	7512	10128	13299	17091	4164	0.88	28.6 - 1 1/8"	19 - 3/4"	7.9 - 5/16"	T2	148	794	TFH-TR2532Z	*ASERCOM Certified
TAG2513Z	100.7	TRI	1260	1991	2920	4083	5517	7261	1631	0.77	22.2 - 7/8"	15.9 - 5/8"	6.35 - 1/4"	T2	44	368	TAG2513Z	*ASERCOM Certified
TAG2516Z	112.5	TRI	1923	2660	3652	4917	6473	8338	2106	0.91	22.2 - 7/8"	15.9 - 5/8"	6.35 - 1/4"	K2, T2	44	368	TAG2516Z	*ASERCOM Certified
TAG2522Z	135	TRI	2206	3203	4454	6008	7917	10239	2389	0.92	28.6 - 1 1/8"	15.9 - 5/8"	6.35 - 1/4"	T2	47	393	TAG2522Z	*ASERCOM Certified
TAG2525Z	145	TRI	2475	3572	4913	6539	8490	10855	2659	0.93	28.6 - 1 1/8"	15.9 - 5/8"	6.35 - 1/4"	T2	47	393	TAG2525Z	*ASERCOM Certified
TAG2532Z	225	TRI	3846	5320	7304	9834	12946	16676	4212	0.91	22.2 - 7/8"	15.9 - 5/8"	6.35 - 1/4"	T2, K2	104	560	TAG2532Z	*ASERCOM Certified
TAG2544Z	270	TRI	4412	6406	8908	12016	15834	20478	4778	0.92	22.2 - 7/8"	15.9 - 5/8"	6.35 - 1/4"	T2, K2	104	560	TAG2544Z	*ASERCOM Certified
TAG-TR2548Z	337.5	TRI	5769	7980	10956	14751	19419	25014	6318	0.91	34.9 - 1 3/8"	22.2 - 7/8"	6.35 - 1/4"	T2	183	820	TAG-TR2548Z	*ASERCOM Certified
TAG-TR2564Z	405	TRI	6618	9609	13362	18024	23751	30717	7167	0.92	34.9 - 1 3/8"	22.2 - 7/8"	6.35 - 1/4"	T2	183	820	TAG-TR2564Z	*ASERCOM Certified

Private Picture Copyright : WWW.MBSM.PRO

Mbsm.pro, Compressor, 1HP, 1 PH, R404A, CAJ2446Z, AJ27MIGF704, 26,2cm³, LBP, 230V

Mbsm.pro, ALL, Compressor Hitachi, R134a, R404a, R600a, Inverter

Category: compressor

written by www.mbsm.pro | 2 January 2026

HITACHI FL1462-SA
220-240V 50Hz OIL 2007.11.12
SERIAL NO. 22680 HFC-134a
WARNING | HIGH TEMPERATURE
ELECTRIC SHOCK
⚠ DO NOT TOUCH L11

Mbsm.pro, ALL, Compressor Hitachi, R134a, R404a, R600a, Inverter