

Comptek QD65H Compressor 1/6 HP R134a L/MBP Technical Specifications and Replacement Guide

Category: Refrigeration

written by www.mbsm.pro | 31 January 2026



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The Comptek QD65H is a high-performance 1/6 HP reciprocating compressor designed for R134a systems. Ideal for refrigerators between 180 and 250 liters, it offers a cooling capacity of 160W at -23.3°C. This professional guide covers its electrical characteristics, COP efficiency metrics, and provides a comprehensive list of equivalent models for seamless field replacement.

Daewoo JX58LHS5-K vs Embraco FFI7.5HAK Comparison

Category: Mbsmpro, Refrigeration

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Selecting the right compressor is the heartbeat of any refrigeration repair. Today, we dive deep into the Daewoo JX58LHS5-K and Embraco FFI7.5HAK. Both use R134a and operate in the LBP range, but their cooling capacities and displacements differ, making one better suited for tropical climates and the other for high-performance pull-down needs.

Mastering the LG KX69LBEG: The Heart of Modern Domestic Refrigeration

Category: Refrigeration

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The LG KX69LBEG is a high-performance 1/5 HP reciprocating compressor designed for Low Back Pressure (LBP) domestic refrigeration. Operating on R134a refrigerant at 220-240V/50Hz, this thermally protected unit is the standard for LG's cooling reliability. In this guide, we break down its displacement, amperage, and provide a comprehensive list of equivalent replacement models.

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not recommended to replace compressor (Jiaxipera N1113Y) with (ACC HTK70AA) .

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Selecting the right compressor for a refrigeration system is critical for long-term performance and energy efficiency. When replacing a Jiaxipera N113Y, simply matching the refrigerant type is not enough. This guide breaks down the technical differences between the N113Y and the ACC HTK70AA, providing the essential data for professional technicians and refrigeration engineers.

Mbsm.pro, Compressor , 1/5 hp, zel,
HVM12AA, 0F1033A, 0F1350A, gvy75AA,
gvy66AA, GVY75AG, HKd16aa, GVY75ad,
gvt66ad, gkd75ad

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Mbsm.pro, Compressor , 1/5 hp, zel, HVM12AA, 0F1033A, 0F1350A, gvy75AA, gvy66AA, GVY75AG, HKd16aa, GVY75ad, gvt66ad, gkd75ad

Zel, 0F605, 0F700, 0F789, 0F1033A, 0F1350A, GVY35AA, GVY40AA, GVY44AA, GVY53AA, GVY57AA, GVY66AA, GW75AA, GTH86AA, GTH93AA, GTM93AA, GTM10AA, GTM12AA, GML70A, GML110A, GML 140A, GML140G, GML160G, GML180A, GML200A, GXL160A, GL60TG, Gt80TB, GL90TB, GHP13AA, GHP16AA, GHP184A, GHP21AA, HBP, high back pressure, R134a,

refrigeration compressor for refrigerator, 220/240V 50Hz

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© R134a LBP 220-240V/50Hz

系列应用工况	型号 Model	排气量 Displ.	电机功率 Power	电机类型 Motor type	制冷量 (W) 蒸发温度 (°C) / Cooling Capacity ASHRAE											输入功率 Input Power without RC	性能系数 COP without RC	高度 Height (h)		
					-30	-25	-23.3	-20	-15	-10	-5	0	5	7.2	10					
					W / °C															
Tau 前效系列 / LBP	OF605	3.4	1/11	RSIR	45	59	76	95	119	149	185	228						78	0.98	163
	OF700	3.8	1/6~	RSIR	55	72	94	118	147	184	229	282						93	1.01	163
	OF789	4.4	1/6	RSIR	65	85	110	138	172	216	268	330						102	1.08	174
	OF1033A	5.7	1/5~	RSIR	83	109	141	176	220	276	344	423						118	1.19	174
	OF1350A	7.5	1/4~	RSIR	105	137	178	223	278	349	434	534						158	1.13	183
Tau 中效系列 / LBP	GVY35AA	3.5	1/11	RSIR/RSCR	47	62	80	100	125	157	195	240						69	1.16	163
	GVY40AA	4.0	1/7	RSIR/RSCR	59	77	100	125	156	196	244	300						83	1.20	174
	GVY44AA	4.4	1/6	RSIR/RSCR	70	91	118	148	184	231	288	354						94	1.25	174
	GVY53AA	5.3	1/5~	RSIR/RSCR	82	107	139	174	217	272	339	417						105	1.33	174
	GVY57AA	5.7	1/5~	RSIR/RSCR	89	116	150	188	234	294	366	450						113	1.33	174
	GVY66AA	6.6	1/5+	RSIR/RSCR	107	140	182	228	284	357	444	546						133	1.37	174
	GVY75AA	7.5	1/5+	RSIR/RSCR	118	154	200	250	312	392	488	600						149	1.34	174
	GTH86AA	8.6	1/4	RSIR/RSCR	136	177	230	288	359	451	561	690						161	1.43	174
商用高效系列 / LBP	GTM93AA	9.3	1/4	RSIR	159	208	270	338	421	529	659	810						220	1.35	184
	GTM10AA	10.0	1/3	CSIR	177	231	300	375	468	588	732	900						222	1.35	184
	GTM12AA	12.0	1/3	CSIR	195	254	330	413	515	647	805	990						241	1.37	184

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Lambda 系列 / LBP	GML70A*	3.4	1/12	RSIR	40	52	68	85	106	133	166	204						57	1.20	152
	GML110A	4.1	1/8	RSIR	66	86	112	140	175	220	273	336						90	1.25	152
	GML140A	4.9	1/6	RSIR	83	108	140	175	218	274	342	420						108	1.30	152
	GML140G*	4.9	1/6	RSIR/RSCR	83	108	140	175	218	274	342	420						108	1.40	152
	GML160G	5.7	1/6	RSIR/RSCR	99	129	168	210	262	329	410	504						129	1.30	161
	GML180A	6.5	1/5	RSIR/RSCR	110	144	187	234	292	367	456	561						144	1.30	164
	GML200A	7.0	1/5	RSIR/RSCR	118	154	200	250	312	392	488	600						152	1.32	164
	GXL160A	5.7	1/7	RSIR	104	136	176	220	275	345	429	528						/	/	164
	GXL200A	7.0	1/6	RSIR	126	164	213	266	332	417	520	639						/	/	164

© R134a M/HBP 220-240V/50Hz

中高背压系列 MBP/HBP	GL60TG	5.3	1/3	CSIR				172	213	260	329	410	502	540	605	240	2.25	174
	GL80TB	7.5	1/2	CSIR				204	252	308	390	486	595	640	717	262	2.44	184
	GL90TB	7.5	1/2	CSIR				239	296	361	458	570	698	750	840	323	2.32	184
	GL10TB	9.3	1/2	CSIR				249	307	375	476	593	725	780	874	342	2.28	184
	GHP13AA*	13.0	1	CSIR				281	347	423	537	669	818	880	986	429	2.05	184
	GHP16AA*	16.0	1	CSIR				351	433	529	671	836	1023	1100	1232	550	2.00	215
	GHP18AA*	18.0	1	CSIR				415	512	625	793	988	1209	1300	1456	650	2.00	215
	GHP18AA*	18.0	1	CSIR				510	630	770	976	1216	1488	1600	1792	730	2.20	215
	GHP21AA*	21.0	1	CSIR				606	749	914	1159	1444	1767	1900	2128	900	2.10	215

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OF605,
OF700,
OF789,
OF1033A,
OF1350A,
GVY35AA,
GVY40AA,
GVY44AA,
GVY53AA,
GVY57AA,
GVY66AA,
GVY75AA,
GTH86AA,
GTH93AA,
GTM93AA,
GTM10AA,
GTM12AA,

GML70A,
 GML110A,
 GML 140A,
 GML140G,
 GML160G,
 GML180A,
 GML200A,
 GXL160A,
 GL60TG,
 Gt80TB,
 GL90TB,
 GHP13AA,
 GHP16AA,
 GHP184A,
 GHP21AA,

Mbsm.pro, Codes and capacities of ZEL all compressors, pistons, motors, and refrigeration and air conditioning motors

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意大利扎努西 ZEL — R134a
220-240V / 50Hz

GML200A	输入功率.152W	制冷量.200W
GML180A	输入功率.144W	制冷量.187W
GML160G	输入功率.129W	制冷量.168W
GML140A	输入功率.108W	制冷量.140W
GML110A	输入功率.90W	制冷量.112W

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ZEL GML200A 17.41
 220-240V 50Hz
 R134a SUCTION >
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GVY61AA, GVY75AA, GVY75AG, GTH86AA, GTH93AA, GTT66AA, GTT75AA, GKD86AA, GKD93AA, GXL140F, GXL200F, , MODEL, GML70A, GML90A, GML110A, GML125A, GML140A, GML140A/I, GML160A, GML180A, GML200A, GML200A/I, GTM26AA, GTM75AA, GDL160A, GDL200A, GXL100A, GXL125A, GXL140A, GXL160A, GXL200A, GXL240A, GL60TP, GL80TP, GL90TP, GL90TP/I, GL10TP, GL12TP, GHP16AA, GHP18AA, GHP21AA, , MODEL, HML100A, HML125A, HML140A, HML155A, HML170A, HML190A, HML200A, HDL100A, HDL125A, HDL140A, HDL155A, HDL170A, HDL200A, HXL100A, HXL125A, HXL140A, HXL155A, HXL170A, HXL190A, HPL100A, HPL125A, HPL140A, HML125A(T), HML140A(T), HML170A(T), HMK12AA, , MODEL, HDL125F, HDL140F, HDL160F, HDL180F, HDL190F, HXL140F, HXL160F, HXL190F, HML125G, HML140G, HML170G, HDL140G, HDL170G, HXL155G, HXL185G, , MODEL, GML70A, GML80A, GML90A, GML110A, GML125A, GML140A, GML180A, GML200A(M), GML200A, GDL140A, GDL160A, GDL200A(M), GDL200A, GXL125A, GXL140A, GXL160A, GXL200A, , MODEL, GML70G, GML80G, GML90G, GML125G, GML140G, GML160G, GXL125G, GXL140G, GXL160G, GML110A(T), GML140A(T), GML200A(T), MODEL, HDZ100A(M), HDZ100A, HDZ125A, HDZ140A, HDZ155A, HDZ170A, HXZ100A, HXZ125A, HXZ140A, HXZ155A, HXZ170A, HPZ100A, HPZ125A, HPZ140A, HPZ155A, HPZ170A, HDZ100F, HDZ125F, HDZ140F, HDZ160F, HDZ190F, , MODEL, HMM70A, HMM80A, HMM90A, HMM100A, HDM80A, HDM90A, HDM100A, HDM110A, , MODEL, GL90TB, GL90TB(B), GL10TB, GL12TB, GL60TG, GL90TG, GTM93AA, GTM10AA, GTM12AA, GTM93AG, GMM70A, GMM80A, GMM90A, GMM110A, , MODEL, NLT44AA, NLT53AA, NLT57AA, NLT61AA, NLT66AA, NLT75AA, NLT80AA, NLT86AA, NLT93AA, NLT44AA(I), NLT53AA(I), NLT57AA(I), NLT61AA(I), NLT66AA(I), NLT75AA(I), NLT80AA(I), NLL160A, NLL200A, NLL200A(I), NMT53AA, NMT57AA, NMT66AA, NMT75AA, , MODEL, HTT11AA, HPKD190A, HPKX190A, HTH14AA, HTH14AA(I), HKD14AA, HYV67AA.02, HTK12AA.02, HPKD180G, HPKD200G, , MODEL, GVY57AA, GVY61AA, GVY66AA, GVY75AA, GTH86AA, GTH93AA, GTM93AA, GTT66AA, GTT75AA, GKD86AA, GKD86AA(I), GKD93AA, GVY53AG, GVY57AG, GVY75AG, GKD86AG, GKD93AG

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