

# SUB COOL GQR80TG Compressor Specs and Replacements

Category: Refrigeration

written by [www.mbsm.pro](http://www.mbsm.pro) | 20 February 2026



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The SUB COOL GQR80TG is a versatile 1/4+ HP compressor designed for R134a MBP/HBP systems, commonly found in commercial coolers and mid-size refrigerators. This guide provides the full technical data sheet, including cooling capacity (400W to 810W depending on conditions), oil requirements (380-420ml POE), and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.

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[Mbsm.pro](http://www.mbsm.pro), Compressor, EA65H1E-U, 1/3

# hp++, mbp, r290, freezer, with two doors, GMCC Refrigeration Compressor

Category: compressor

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Mbsm.pro, Compressor, EA65H1E-U, 1/3 hp++, mbp, r290, freezer, with two doors, GMCC Refrigeration Compressor

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# Mbsm.pro, Compressor, QD52H, QD59H, QD65H, FN77H, FN91H, FN110H, QD128, QD142H, R134a Series, Refrigeration, Compressor, MBP

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OEM BRAND



Part No.	Displ. (cm <sup>3</sup> )	Power (HP)	Motor Type	Cooling	Capacity (W/54.4/130 F Condensing Temp)										COP W/W		Input Power (W)	
					-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-6.7°C	-5°C	0°C	-23.3°C	-6.7°C	-23.3°C	-6.7°C	
QD30H	3.0	1/10	RSIR	S	35	49	63	70	90	112	152	170	188	210	0.85	1.9	82	89
QD35H	3.5	1/8	RSIR	S	40	56	72	80	105	128	176	220	242	275	0.9	1.98	89	111
QD43H	4.3	1/7	RSIR	S	47	65	83	110	121	149	216	270	297	338	0.95	2.01	116	134
QD52H	5.5	1/7	RSIR	S	70	95	123	136	177	218	280	350	385	438	1.15	2.01	118	174
QD59H	6.2	1/6	RSIR	S	85	115	149	165	215	265	312	390	430	488	1.2	2	138	195
QD65H	6.6	1/5	RSIR	S	95	129	167	185	241	297	350	430	473	538	1.25	2.02	148	193
QD75H	7.6	1/5+	RSIR	S/F	105	147	190	210	273	337	387	495	545	618	1.25	2.1	168	236
QD91H	8.8	1/5+	RSIR	S/F	115	160	207	230	300	368	425	530	583	655	1.37	2.12	168	250
QD110H	10.6	1/4+	RSIR	F	135	189	243	285	370	456	520	650	715	813	1.41	2.12	202	307
QD120H	11.6	1/3	RSIR	F	165	231	297	330	430	528	576	720	792	900	1.41	2.12	234	340
QD128H	12.3	3/8	RSIR	F	180	252	324	360	468	576	740	925	1018	1156	1.31	2	275	463
QD142H	13.5	3/8+	CSIR	F	195	273	351	390	507	624	800	1000	1100	1250	1.3	2	300	500
QD158H	15.3	3/8+	CSIR	F	215	300	387	430	560	690	890	1120	1230	1400	1.3	2	331	560
QD168H	16.3	1/2	CSIR	F	230	322	415	460	598	736	976	1220	1340	1530	1.3	2	354	610

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Mbsm.pro, Compressor, QD52H, QD59H, QD65H, FN77H, FN91H, FN110H, QD128, QD142H, R134a Series, Refrigeration, Compressor, MBP

Mbsm.pro, compressor, 1/3 hp, NL10MF, R134a, 220-240V/1/50-60Hz, Danfoss, 105GL6885, 105G6886, MBP

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Mbsm.pro, compressor, 1/3 hp, NL10MF, R134a, 220-240V/1/50-60Hz, Danfoss, 105GL6885,105G6886, MBP

Mbsm.pro, Compressor, Série SC, QD168H, R134A, Wansheng, Refrigerator Compressor, 1/2 hp, 323 w, MBP

Category: compressor

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# R406a 220~240V/50Hz

LBP  
低背压

序号 No.	应用类型 Application	产品系列 Serial	产品型号 type	马力 Hp	电压/频率 Power Supply (V/Hz)	电机类型 Motor type	制冷量 Capacity		COP Power Efficiency		启动器 Starting Device	启动电容 Starting Capacitor (μF)	运行电容 Running Capacitor (μF)	冷却方式 Cool
							ASHRAE (-23.3°C)	CECOMAF (-25°C)	ASHRAE (-23.3°C)	CECOMAF (-25°C)				
1	LBP 低背压	WT	QD55	1/6	220~240V ~50Hz	RSIR	130	98	1.04	0.81	PTC	/	/	S
2			QD65	1/5		RSIR	158	119	1.08	0.84		/	/	S
3			QD75	1/4		RSIR	176	132	1.09	0.85		/	/	S
4			QD85	1/4		RSIR	202	152	1.10	0.86		/	/	S
5			QD91	1/4		RSIR	216	162	1.12	0.87		/	/	S
6	LBP 低背压	WQ	QD110	3/10	220~240V ~50Hz	RSIR	271	203	1.17	0.91	重锤 Starting Relay	/	/	F
7			QD128	1/3		RSIR	306	230	1.18	0.92		/	/	F
8			QD142	2/5		CSIR	333	250	1.19	0.93		80	/	F
9	LBP 低背压	SC	QD168	1/2	220~240V ~50Hz	CSIR	380	330	1.15	1.06	电流式 Current	80	/	F2
10			QD180	1/2		CSIR	440	382	1.15	1.07		80	/	F2
11			QD210	3/5		CSIR	510	443	1.17	1.08		80	/	F2

9

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Mbsm.pro, Compressor, Série SC, QD168H, R134A, Wansheng, Refrigerator Compressor, 1/2 hp, 323 w, MBP

Mbsm.pro, Subcool, compressor, commercial display fridge, gqr90tg, 1/3 hp-, 480 w, R134a, 220V, mbp

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Mbsm.pro, Subcool, compressor, commercial display fridge, gqr90tg, 1/3 hp-, 480

w, R134a, 220V, mbp

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Mbsm.pro, Compressor, Embraco, Aspera, NJ9226GK, MBP, R404A, R507, 230V/1/50Hz, 1 HP++, 1.5 hp++, 1.75 hp

Category: compressor

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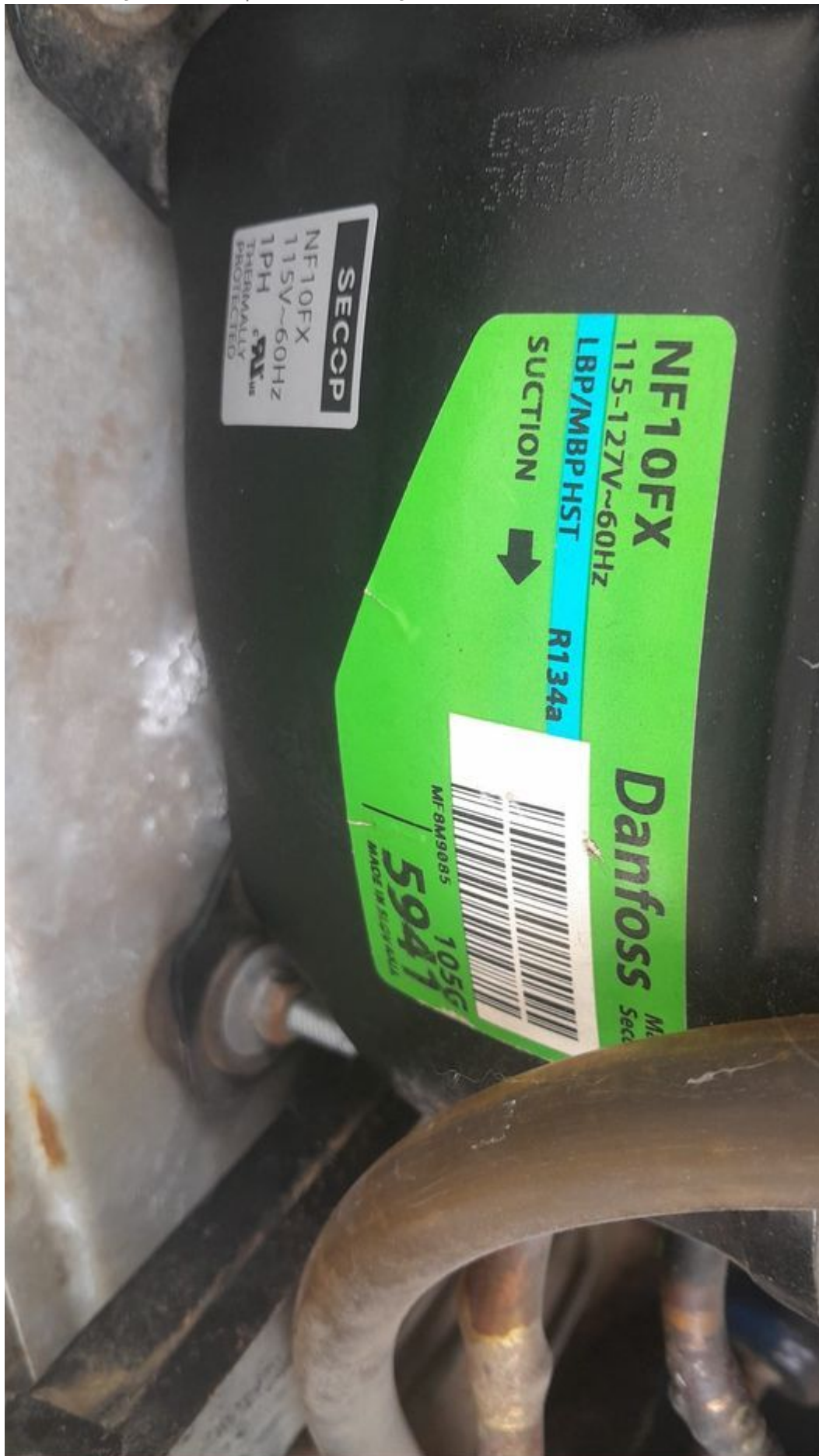
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Mbsm.pro, Compressor, Embraco, Aspera, NJ9226GK, MBP, R404A, R507, 230V/1/50Hz, 1 HP++,

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Mbsm.pro, Compressor, nf10fx, Danfoss, 1/3 hp, LBP, MBP, 1046 btu, 115 v

Category: compressor



Mbsm.pro, Compressor, nf10fx, Danfoss, 1/3 hp, LBP, MBP, 1046 btu, 115 v

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Embraco, Compressor, Fridge,  
Refrigerator, 1/5HP, LBP, 1/6++, mbp,  
R134a, FFI 7.5HAK, FFI7.5HAK, FFi  
7.5HAK, FFI 7.5 HAK, FFI 7.5HAK,  
220-240V/50HZ

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 **Embraco** FFI 7.5HAK



THERMALLY PROTECTED

14.5/14-LRA

R 134a 1-PR

**220V~**  
**50-60Hz**

JOINVILLE-SC  
MADE IN BRAZIL



513200370 FAB 1 04-APR-01 F01NDMB6



Embraco, Compressor, Fridge, Refrigerator, 1/5HP, LBP, 1/6++, mbp, R134a, FFI 7.5HAK, FFI7.5HAK, FFi 7.5HAK, FFI 7.5 HAK, FFI 7.5HAK, 220-240V/50HZ

Mbsm.pro, Compressor, Danfoss, Secop, 5/8 hp++, SC21MFX, MBP, R134a, 220 V-240 V, 50 Hz, 104G8120, 8120

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Mbsm.pro, Compressor, Danfoss, Secop, 5/8 hp++, SC21MFX, MBP, R134a, 220 V-240

V, 50 Hz, 104G8120, 8120