

# Mbsm.pro, Compressor, Refrigeration Units For Display Cases, example, GQR19T, 3/4 hp, hbp

Category: compressor

written by Lilianne | 24 March 2024





Serial port	Model	HP	(V/Hz)	Internally displaced persons (cm3)	Cooling Capacity - ASHRAE								Execution conditions: +7.2°C (45F)				engine's type	Engine starting device	Starting with the capacitor (CF)	When the engine is running and the capacitor (OC)	Engine cooling system
					-15 °C (5F)		-10°C (10F)		From -5°C (23F)		0° C (32F)		10°C (50F)								
					IN	Bte/h	IN	Bte/h	IN	Bte/h	IN	Bte/h	IN	Bte/h							
L	GQR30TG 1/10	220V/50Hz	3.0	115 392	145 495	185 631	230 785	310	1058	140	0.9	2.2	7.56	365 1245	RSIR	PTC/Starter Relay	/	/	F		
	GQR35TG 1/9	220V/50Hz	3.5	135 461	175 597	195 665	285 972	430	1467	195	1.1	2.2	7.52	475 1621	RSIR	Current	/	/	F		
Ms	GQR45TG 1/6	220V/50Hz	4.5	176 601	230 785	280 955	350 1194	480	1638	220	1.2	2.2	7.44	525 1791	RSIR	PTC/Starter Relay	/	/	F		
	GQR55TG 1/6+	220V/50Hz	5.5	188 641	245 836	310 1058	390 1331	525	1791	250	1.3	2.1	7.17	575 1962	RSIR	Current	/	/	F		
	GQR60TG 1/4	220V/50Hz	6.5	258 880	335 1143	435 1484	545 1860	665	2269	290	1.7	2.3	7.82	705 2405	RSIR	/	/	F			
MK	GQR70TG 1/4	220V/50Hz	7.0	285 972	370 1262	480 1638	595 2030	720	2457	340	1.9	2.1	7.23	765 2610	RSIR	PTC/Starter Relay	/	/	F		
	GQR80TG 1/4+	220V/50Hz	8.0	324 1105	420 1433	550 1877	680 2320	810	2764	370	2.0	2.2	7.47	855 2917	RSIR	Current	/	/	F		
	GQR90TG 1/3-	220V/50Hz	9.1	365 1245	474 1617	621 2119	768 2620	910	3105	420	2.2	2.2	7.39	955 3258	RSIR	/	/	F			
	GQR80TG 1/4+	220V/50Hz	8.0	324 1105	420 1433	550 1877	680 2320	810	2764	370	2.0	2.2	7.47	855 2917	Sleep	/	/	F			
	GQR90TG 1/3-	220V/50Hz	9.1	365 1245	474 1617	621 2119	768 2620	910	3105	420	2.2	2.2	7.39	955 3258	Sleep	/	/	F			
	GQR11TG 3/8	220V/50Hz	11.0	412 1406	536 1829	702 2395	868 2962	1034	3528	450	2.7	2.3	7.84	1079 3682	Sleep	/	/	F			
	GQR12TG 3/8+	220V/50Hz	12.8	467 1593	606 2068	793 2706	981 3347	1168	3985	530	3.2	2.2	7.52	1208 4122	Sleep	Starter relay	80	/	F		
WZ	GQR14TG 1/2	220V/50Hz	14.2	527 1798	685 2337	896 3057	1108 3780	1320	4504	580	3.4	2.3	7.77	1365 4657	Sleep	current	80	/	F		
	GQR16TG 1/2+	220V/50Hz	15.3	580 1979	754 2573	1012 3453	1252 4272	1492	5091	640	3.8	2.3	7.95	1535 5237 Watch Perfect	Sleep	/	80	/	F		
	GQR19TG 3/4	220V/50Hz	19.0	755 2576	940 3207	1175 4009	1255 4282	1850	6312	804	4.5	2.3	7.85	1895 6466	Sleep	/	80	/	F		

Device model	Application Temperature Range	HP	refrigeration	Evaporation temperature	Compressor model	Suitable Volume L
				-35 -30 -23.3 -20 -15 -10 -5 0 7.2		
MDDZS25HH-A 2 - 8	1/4	R134a	/ / / /	258 335 435 545 665	GQR60TG	300-500
MDDZS28HH-A	1/4	R134a	/ / / /	285 370 480 595 720	GQR70TG	400-600
MDDZS32HH-A	1/4+	R134a	/ / / /	324 420 550 680 810	GQR80TG	500-700
MDDZS32HH-A 2 - 8	1/3+	R134a	/ / / /	344 474 621 768 910	GQR90TG	600-800
MDDZS38HH-B	3/8	R134a	/ / / /	422 536 702 868 1034	GQR11TG	700-1000
MDDZS50HH-B	3/8+	R134a	/ / / /	500 606 793 981 1168	GQR12TG	800-1200
MDDZS54HH-D	3/4	R134a	/ / / /	546 682 897 1112 1645	GQR19TG	1000-1400
MDDZS71HH-D	3/4+	R134a	/ / / /	710 910 1115 1350 1830	GQR21TG	12-1600
MDDZS79HM-D	1	R134a	/ / / /	790 1120 1282 1664 2000	GQR23TG	14-1800
MDDZS38MH-C -10 - 0	3/8	R134a	/ / / /	338 422 536 702 868 /	GQR11TG	300-400
MDDZS40MH-C	1/2-	R134a	/ / / /	400 500 606 793 981 /	GQR12TG	300-400
MDDZS50MH-C	1/2	R134a	/ / / /	438 547 685 896 1108 /	GQR14TG	400-500
MDDZS40LH-C -14 - -10	1/3	R134a	148 189 320	400 500 606 / / /	GQR12TG	250-350
MDDZS50LH-C	1/2-	R134a	159 207 350	430 547 685 / / /	GQR14TG	300-400
MDDZS52LH-C	1/2	R134a	173 225 380	475 594 754 / / /	GQR16TG	300-400

MDDZS32HK-A 2-8□	1/3+ R404a	/	/	365	435	520	625	/	/	/	GQR60k	600-800	
MDDZS38HK-A	3/8 R404a	/	/	465	565	675	785	/	/	/	GQR80k	800-1000	
MDDZS40HK-A	3/8+ R404a	/	/	515	625	735	855	/	/	/	GQR90k	700-1200	
MDDZS38MK-A -10 - 0□	3/8 R404a	/		445	515	625	735	855	/	/	/	GQR90k	600-800
MDDZS40MK-B	1/2- R404a	/		425	625	715	888	995	/	/		GQR12k	800-1000
MDDZS50MK-B	1/2 R404a	/		490	742	816	1073	1258	/	/	/	GQR14k	800-1200
MDDZS40LK-B -14 - -10□	1/3 R404a	258	445	515	625	735	855	/	/	/	GQR90k	400-600	
MDDZS50LK-C	1/2- R404a	322	425	625	715	888	995	/	/	/	GQR12k	500-800	
MDDZS52LK-C	1/2 R404a	376	490	742	816	1073	1258	/	/	/	GQR14k	600-1000	
MDDZS32HU-A 2 - 8□	1/3+ R290	/	/	364	455	538	635	/	/	/	GQR80U	500-700	
MDDZS38HU-A	3/8 R290	/	/	455	585	568	688	/	/	/	GQR90U	600-800	
MDDZS40HU-B	3/8+ R290	/	/	575	605	688	805	/	/	/	GQR12U	700-1000	
MDDZS32MU-B -10 - 0□	3/8 R290	/		390	455	585	568	688	/	/	/	GQR90U	600-800
MDDZS38MU-B	1/2- R290	/		405	575	605	688	805	/	/	/	GQR12U	800-1000
MDDZS40MU-B	1/2 R290	/		459	625	663	737	845	/	/	/	GQR14U	800-1200
MDDZS40LU-C -14 - -10□	1/3 R290	325	405	575	605	688	805	/	/	/	GQR12U	400-600	
MDDZS50LU-C	1/2 R290	365	459	625	663	737	845	/	/	/	GQR14U	500-800	
MDDZS52LU-C	1/2+ R290	450	533	706	750	922	1140	/	/	/	GQR16U	600-1000	