Technical Analysis of High-Performance Hermetic Compressors: GQY80AT and ATA72XL

Category: Refrigeration
written by www.mbsm.pro | 2 February 2026



Choosing between the ZEL GQY80AT and Huaguang ATA72XL requires a deep understanding of displacement and cooling wattage. This professional guide breaks down the 198W capacity of the GQY80AT versus the 185W of the ATA72XL, providing essential data for technicians, including oil types, motor configurations, and a comprehensive list of cross-compatible replacement models.

Cubigel Compressors, Compressor, GQY80AT, 1/4Hp, LBP, R134a, 8.1cmc,165 W, REFRIGERATEUR INDESIT

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BAJA presión					serie LBP													
CÓDIGO REMLE	MODELO	Potencia	Enfriam.	Cilind.	Producción Frigorific en Watios.							Expans.	Aceite cm3	Peso Kg.	Motor	Arranq.	Modelos MIX Sustitutos R-12 / 134a	
Últimas existencias					-35	-30	-25	-23,3	-20	-15	-10						Sustitutos R-12 / R134a	
451.00.0202	D40AS	1/10	S	4.00	40	56	74	81	96	121	149	C	240	6.7	RSIR	P	GD40AAa	451.00.3301
451.00.0002	L45AV	1/8	S	4.50	39	57	79	87	105	136	171	C	300	8.4	RSIR	R	GL45AA	451.00.3302
451.00.0003	L55AV	1/6	S	5.47	49	73	101	112	134	171	211	C	470	9.5	RSIR	R	GL60AA	451.00.3303
451.00.0004	L76AV	1/5	S	7.57	58	89	125	139	168	217	271	C	530	10.5	RSIR	R	GL75AA	451.00.3304
451.00.0104	L76BV	1/5	OC	7.57	58	89	125	139	168	217	271	C	530	10.5	RSIR	R		
451.00.0005	L88AV	1/4	S	8.85	69	107	150	167	200	255	317	C	530	11.0	RSIR	R	GL80AA	451.00.3305
451.00.0105	L88BV	1/4	OC	8.85	69	107	150	167	200	255	317	C	530	11.0	RSIR	R	GL90AAa OC	451.00.3325
451.00.0205	L88FW	1/4	F	8.85	69	107	150	167	200	255	317	C-V	530	10.0	RSIR	R	GL90AAb	451.00.3205
451.00.0106	P12BW	1/3	OC	12.00	79	132	192	215	261	337	422	C	530	11.5	RSIR	R	GP12BB OC	451.00.3326
451.00.0206	P12FW	1/3	F	12.00	79	132	192	215	261	337	422	C-V	530	11.5	RSIR	R	GP12FB	451.00.3206

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Compresor GQY80AT, freon R134a, capacitate 8.1
cmc, capacitate frigorifica ASHRAE 222 W, capacitate
frigorifica CECOMAF 165 W, racire statica #GQY80AT
Model: GQY80AT
Freon: R134a
Capacitate: 8.1 cmc
Capacitate frigorifica ASHRAE: 222 W
Capacitate frigorifica CECOMAF: 165 W
35 -30 -25 -10 w COP
• 451.00.3301 GD40AAa / GVY40AA 1/10 S 4.03 34 49 70 0.77 154 C 200 6.7 RSIR P •
451.00.3202 GD40AA 1/10 S 4.03 34 49 70 0.77 154 C 200 6.7 RSIR P •
• 451.00.3302 GL45AA / GVY44AA 1/8 S 4.55 37 56 81 0.81 183 C 265 8.3 RSIR P •
• 451.00.3303 GL60AA / GVY57AA 1/6 S 5.99 50 75 107 0.85 238 C 265 9.1 RSIR P •
• 451.00.3304 GL75AA / GVY66AA 1/5 S 6.65 57 85 121 0.87 267 C 345 9.6 RSIR P •
• 451.00.3305 GL80AA / GVY75AA 1/5 S 7.52 68 101 144 0.89 326 C 345 9.9 RSIR P •
451.00.3104 GL80AAb 1/5 OC 8.10 68 101 144 0.89 326 C-V 345 9.9 CSIR R •
451.00.3005 GL90AA 1/4 S 9.08 82 119 165 0.90 350 C 345 10.2 RSIR P •
• 451.00.3306 GL90AAa / GQY80AT 1/4 S 9.08 82 119 165 0.90 350 C 345 10.2 RSIR P
•
451.00.3105 GL90AAb 1/4 OC 9.08 82 119 165 0.90 350 C-V 345 10.2 CSIR R •
• 451.00.3205 GL90AAb 1/4 F 9.08 82 119 165 0.90 350 C-V 345 10.2 CSIR R •
• 451.00.3325 GL90AAa 1/4 OC 9.08 82 119 165 0.90 350 C-V 345 10.2 CSIR R •
451.00.3106 GP12BB 1/3 OC 12.00 83 131 190 0.88 424 C 400 11.5 RSIR R •
• 451.00.3206 GP12FB 1/3 F 12.00 83 131 190 0.88 424 C 400 11.5 RSIR R •
• 451.00.3326 GP12BB 1/3 OC 12.00 83 131 190 0.88 424 C 400 11.5 RSIR R •
451.00.3218 GP14CB 3/8 F 14.17 99 158 228 0.90 509 C 400 11.5 RSIR R •
451.00.3223 GP16FB 3/8 F 16.15 109 182 266 0.89 585 C-V 530 12.0 CSIR R •
451.00.3224 GX18FB 3/7 F 18.40 123 199 291 0.91 660 C-V 500 15.1 CSIR R •
451.00.3225 GX21FB 2/3 F 20.72 151 243 351 0.93 778 C-V 500 15.5 CSIR R •
451.00.3403 GL45TB 1/6 F 4.50 76 134 342 1.62 412 C-V 300 8.4 CSIR R •
• 451.00.3503 GL45PB 1/6 F 4.50 76 134 342 1.62 412 C-V 300 8.4 CSIR R •
451.00.3404 GL60TB 1/5 F 5.67 95 170 437 1.82 527 C-V 300 9.5 CSIR R •
• 451.00.3504 GL60PB 1/5 F 5.67 95 170 437 1.82 527 C-V 300 9.5 CSIR R •
451.00.3406 GL80TB 1/5 F 7.57 111 212 554 1.83 667 C-V 300 9.5 CSIR R •

• 451.00.3505 GL90TB 1/4 F 8.85 142 259 661 1.91 796 C-V 300 10.8 CSIR R •
• 451.00.3506 GP12TB 3/8 F 12.05 169 338 893 1.80 1077 C-V 350 11.2 CSIR R •
451.00.3418 GP14TB 3/8 F 14.00 190 373 999 1.77 1208 C-V 400 11.5 CSIR R •
• 451.00.3513 GP14TB 3/8 F 14.00 190 373 999 1.77 1208 C-V 400 11.5 CSIR R •
451.00.3419 GX18TB 1/2 F 18.40 285 539 1390 1.91 1673 C-V 500 16.0 CSIR R •
451.00.3420 GX21TB 5/8 F 20.72 332 603 1550 1.90 1866 C-V 500 17.0 CSIR R •
451.00.3421 GX23TB 5/8 F 23.20 368 677 1730 1.89 2083 C-V 500 17.0 CSIR R •
• 451.00.3422 GS26TB 3/4 F 25.93 392 771 2071 2.09 1011 C-V 887 22.7 CSIR R •
451.00.3423 GS30TB 7/8 F 29.95 317 785 2452 2.33 3020 C-V 887 22.7 CSR R •
• 451.00.3424 GS34TB 1 F 34.42 476 1068 2852 2.28 3421 C-V 887 22.7 CSR R •



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BAJA presión — serie LBP — R-134a

CÓDIGO REMLE	MODELO	Potencia	Enfri.	Cilindr.	Producción Frigorific en Watios.					Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
• *Gases sustitutivos del R-12 y R-134a.*					CECOMAF (W)										
○ Últimas existencias					-35	-30	-25 w	-25 COP	-10						
• *451.00.3301*	GD40AAa / GVY40AA	1/10	S	4.03	34	49	70	0.77	154	C	200	6.7	RSIR	P	•
○ 451.00.3202	GD40AA	1/10	S	4.03	34	49	70	0.77	154	C	200	6.7	RSIR	P	•
• *451.00.3302*	GL45AA / GVY44AA	1/8	S	4.55	37	56	81	0.81	183	C	265	8.3	RSIR	P	•
• *451.00.3303*	GL60AA / GVY57AA	1/6	S	5.99	50	75	107	0.85	238	C	265	9.1	RSIR	P	•
• *451.00.3304*	GL75AA / GVY66AA	1/5	S	6.65	57	85	121	0.87	267	C	345	9.6	RSIR	P	•
• *451.00.3305*	GL80AA / GVY75AA	1/5	S	7.52	68	101	144	0.89	326	C	345	9.9	RSIR	P	•
○ 451.00.3104	GL80AAb	1/5	OC	8.10	68	101	144	0.89	326	C-V	345	9.9	CSIR	R	•
○ 451.00.3005	GL90AA	1/4	S	9.08	82	119	165	0.90	350	C	345	10.2	RSIR	P	•
• *451.00.3306*	GL90AAa / GQY80AT	1/4	S	9.08	82	119	165	0.90	350	C	345	10.2	RSIR	P	•
○ 451.00.3105	GL90AAb	1/4	OC	9.08	82	119	165	0.90	350	C-V	345	10.2	CSIR	R	•
• *451.00.3205*	GL90AAb	1/4	F	9.08	82	119	165	0.90	350	C-V	345	10.2	CSIR	R	•
• *451.00.3325*	GL90AAa	1/4	OC	9.08	82	119	165	0.90	350	C-V	345	10.2	CSIR	R	•
○ 451.00.3106	GP12BB	1/3	OC	12.00	83	131	190	0.88	424	C	400	11.5	RSIR	R	•
• *451.00.3206*	GP12FB	1/3	F	12.00	83	131	190	0.88	424	C	400	11.5	RSIR	R	•
• *451.00.3326*	GP12BB	1/3	OC	12.00	83	131	190	0.88	424	C	400	11.5	RSIR	R	•
451.00.3218	GP14CB	3/8	F	14.17	99	158	228	0.90	509	C	400	11.5	RSIR	R	•
451.00.3223	GP16FB	3/8	F	16.15	109	182	266	0.89	585	C-V	530	12.0	CSIR	R	•
451.00.3224	GX18FB	3/7	F	18.40	123	199	291	0.91	660	C-V	500	15.1	CSIR	R	•
451.00.3225	GX21FB	2/3	F	20.72	151	243	351	0.93	778	C-V	500	15.5	CSIR	R	•

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ALTA - MEDIA presión — serie HMBP — R-134a

CÓDIGO REMLE	MODELO	Potencia	Enfriamiento	Cilindrada	Producción Frigorific en Watios.					Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
• *Gases sustitutivos de R-12 y R-134a.*					CECOMAF (W)										
○ Últimas existencias					-25	-15	5 w	5 COP	10						
○ 451.00.3403	GL45TB	1/6	F	4.50	76	134	342	1.62	412	C-V	300	8.4	CSIR	R	•
• *451.00.3503*	GL45PB	1/6	F	4.50	76	134	342	1.62	412	C-V	300	8.4	CSIR	R	•
○ 451.00.3404	GL60TB	1/5	F	5.67	95	170	437	1.82	527	C-V	300	9.5	CSIR	R	•
• *451.00.3504*	GL60PB	1/5	F	5.67	95	170	437	1.82	527	C-V	300	9.5	CSIR	R	•
451.00.3406	GL80TB	1/5	F	7.57	111	212	554	1.83	667	C-V	300	9.5	CSIR	R	•
• *451.00.3505*	GL90TB	1/4	F	8.85	142	259	661	1.91	796	C-V	300	10.8	CSIR	R	•
• *451.00.3506*	GP12TB	3/8	F	12.05	169	338	893	1.80	1077	C-V	350	11.2	CSIR	R	•
○ 451.00.3418	GP14TB	3/8	F	14.00	190	373	999	1.77	1208	C-V	400	11.5	CSIR	R	•
• *451.00.3513*	GP14TB	3/8	F	14.00	190	373	999	1.77	1208	C-V	400	11.5	CSIR	R	•
451.00.3419	GX18TB	1/2	F	18.40	285	539	1390	1.91	1673	C-V	500	16.0	CSIR	R	•
451.00.3420	GX21TB	5/8	F	20.72	332	603	1550	1.90	1866	C-V	500	17.0	CSIR	R	•
451.00.3421	GX23TB	5/8	F	23.20	368	677	1730	1.89	2083	C-V	500	17.0	CSIR	R	•
• *451.00.3422*	GS26TB	3/4	F	25.93	392	771	2071	2.09	1011	C-V	887	22.7	CSIR	R	•
451.00.3423	GS30TB	7/8	F	29.95	317	785	2452	2.33	3020	C-V	887	22.7	CSR	R	•
• *451.00.3424*	GS34TB	1	F	34.42	476	1068	2852	2.28	3421	C-V	887	22.7	CSR	R	•

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BAJA presión — serie LBP — R-600a

CÓDIGO REMLE	MODELO	Potencia	Enfriamiento	Cilindrada	Producción Frigorific en Watios.							Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
					-35	-30	-25	-23.3	-20	-15	-10						
451.00.0605	HQY55AA	1/9	S	5.46	28	44	62	69	83	105	130	C	210	8.9	RSIR/RSCR	P	•
451.00.0610	HQY70AA	1/8	S	6.64	42	59	80	88	104	131	161	C	210	9.0	RSIR/RSCR	P	•
451.00.0615	HLY99AA	1/6	S	9.93	69	90	119	130	155	198	248	C	345	9.6	RSIR/RSCR	P	•
451.00.0620	HPY12AA	1/5	S	12.10	79	107	143	157	187	239	299	C	300	10.7	RSIR/RSCR	P	•
451.00.0625	HPY14AA	1/5	S	14.31	92	124	165	181	215	274	342	C	300	11.0	RSIR/RSCR	P	•
451.00.0630	HPY16AA	1/4	S	16.14	102	136	180	198	236	302	379	C	300	11.2	RSIR/RSCR	P	•

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ALTA - MEDIA presión — serie HMBP — R-22

CÓDIGO REMLE	MODELO	Potencia	Enfriamiento	Cilindrada	Producción Frigorific en Watios.								Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
					-20	-15	-10	-5	0	5	7.2	10						
451.00.1404	**L45TN**	1/5	F	4.50	157	206	265	333	410	496	537	592	C-V	400	9.5	CSIR	P	•
451.00.1405	**L57TN**	1/4	F	5.67	194	255	327	410	505	610	660	727	C-V	300	9.5	CSIR	R	•
451.00.1428	**L76TN**	3/8	F	7.57	268	347	441	550	675	814	881	969	C-V	470	10.0	CSIR	R	•
451.00.1408	**L88TN**	3/8	F	8.85	523	416	527	658	806	973	1052	1159	C-V	400	10.6	CSIR	R	•
451.00.1409	**P12TN**	1/2	F	12.00	412	537	689	868	1075	1309	1421	1570	C-V	400	12.3	CSR	R	•
451.00.1416	**S22TN**	7/8	F	21.77	645	890						3000	C-V	887	22.7	CSR	R	•
451.00.1418	**S26TN**	1 1/4	F	25.93	857	1182	1561	1993	2480	3021	3275	3615	C-V	887	22.7	CSR	R	•

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ALTA - MEDIA presión — serie HMBP — sustituto del R-404a - R507 (*)

220-240V 50Hz

CÓDIGO REMLE	MODELO	CV	Enfr.	Cil. cm3	Int. A	Conex.		Conex. aspir. Rotalock	Rendimientos (Watios)*				Aplic.
						ODF	Rotalock		+7,2	-0ºC	-5ºC	-10ºC	
451.00.0299	**ML40TB**	1/6	F	4.04	2,03	1/4"	-	3/16"	516	387	320	260	C-V
451.00.0300	**ML45TB**	1/5	F	4.50	2,19	1/4"	-	3/16"	559	432	356	289	C-V
451.00.0305	**ML60TB**	1/4	F	5.67	2,77	1/4"	-	3/16"	686	525	428	343	C-V
451.00.0310	**ML80TB**	3/8	F	7.57	3,27	1/4"	-	3/16"	931	720	590	475	C-V
451.00.0315	**ML90TB**	3/8	F	8.85	3,98	1/4"	-	3/16"	1118	861	705	569	C-V
451.00.0321	**MP12RB**	1/2	F	12.00	3,80	5,16"	-	1/4"	1765	1379	1142	931	C-V
451.00.0323	**MP14RB**	1/2	F	14.00	4,86	5/16"	-	1/4"	1765	1379	1142	931	C-V
451.00.0325	**MX18TB**	7/8	F	18.12	6,50	3/8"	-	1/4"	2275	1719	1379	1078	C-V
451.00.0326	**MX21TB**	1	F	21,74	6,28	3/8"	-	1/4"	2745	2063	1645	1275	C-V
451.00.0327	**MS26TB•V**	1 3/8	F	25.95	8,97	5/8"	1" 5/8"R	5/16"	3382	2578	2085	1647	C-V
451.00.0328	**MA34TB•V**	1 5/8	F	34,42	11,50	5/8"	1" 5/8"R	5/16"	4450	3480	2870	2310	C-V

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BAJA presión — serie LBP — sustituto del R-404a - R507 (*)

220-240V 50Hz

CÓDIGO REMLE	MODELO	CV	Enfr.	Cilindr. cm3	Int. A	Conex. aspir.		Conex. descar. ODF	Rendimientos (Watios)*			Aplic.
						ODF	Rotalock		-35ºC	-25ºC	-10ºC	
451.00.0450	**ML45FB**	1/6	F	4,60	1,58	1/4"	-	3,16"	70	130	270	C-V
451.00.0455	**ML60FB**	1/5	F	6,00	1,77	1/4"	-	3,16"	100	180	340	C-V
451.00.0460	**ML80FB**	1/4	F	8,10	2,21	1/4"	-	3,16"	140	250	490	C-V
451.00.0465	**ML90FB**	1/3	F	8,85	2,24	1/4"	-	3/16"	150	280	530	C-V
451.00.0470	**MP12FB**	3/8	F	12,00	2,88	3/8"	-	1/4"	170	350	720	C-V
451.00.0471	**MP14FB**	1/2	F	14,00	3,38	3/8"	-	1/4"	200	400	850	C-V
451.00.0472	**MPT14LA****	1/2	F	14,32	2,70	3/8"	-	1/4"	360	550	1000	C-V
451.00.0473	**MX18FBa**	5/8	F	18,20	2,97	3/8"	-	1/4"	210	510	1160	C-V
451.00.0474	**MX23FB**	7/8	F	23,20	3,78	3/8"	-	1/4"	380	720	1450	C-V
451.00.0475	**MS26FB•V**	3/4	F	26,15	4,72	5/8"	1" 5/8"R	5/16"	360	820	1570	C-V
451.00.0476	**MS30FB•V**	7/8	F	30,00	5,60	5/8"	1" 5/8"R	5/16"	420	940	1900	C-V
451.00.0477	**MS34FB•V**	1	F	34,25	6,68	5/8"	1" 5/8"R	5/16"	480	1090	2230	C-V

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ALTA - MEDIA presión — serie HMBP

CÓDIGO REMLE	MODELO	Potencia	Enfriam.	Cilind.	Producción Frigorific en Watios.									Expans.	Aceite cm3	Peso Kg.	Motor	Arranq.	Modelos MIX Sustitutos R-12 / 134a	
Últimas existencias					-25	-20	-15	-10	-5	0	5	7.2	10						Sustitutos R-12 / R134a	
451.00.0403	L45PX	1/6	F	4.50	77	101	132	169	214	266	325	353	390	C	300	8.4	RSIR	R	GL45PB	451.00.3503
451.00.0404	L57PX	1/5	F	5.67	98	130	171	221	279	346	421	457	505	C	300	9.5	RSIR	R	GL60PB	451.00.3504
451.00.0405	L88TY	1/4	F	8.85	165	215	277	351	437	535	645	697	767	C-V	400	11.2	CSIR	R	GL90TB	451.00.3505
451.00.0406	P12TY	3/8	F	12.00	209	274	357	458	577	714	869	943	1043	C-V	400	11.2	CSIR	R	GP12TB	451.00.3506
451.00.0412	S26TY	7/8	F	25.93	392	565	771	1011	1284	1591	1930	2090	2303	C-V	887	22.7	CSIR	R	GS26TB-V	451.00.3422
451.00.0413	P14TY	7/16	F	14.00	243	318	412	526	659	812	983	1065	1174	C-V	400	11.5	CSIR	R	GP14TB	451.00.3513
451.00.0417	S34TY	1 1/5	F	34.42	644	886	1172	1501	1873	2289	2748	2963	3249	C-V	887	22.7	CSIR	R	GS34TB-V	451.00.3424

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BAJA presión — serie LBP

CÓDIGO REMLE	MODELO	Potencia	Enfriam.	Cilind.	Producción Frigorific en Watios.							Expans.	Aceite cm3	Peso Kg.	Motor	Arranq.	Modelos MIX Sustitutos R-12 / 134a	
Últimas existencias					-35	-30	-25	-23,3	-20	-15	-10						Sustitutos R-12 / R134a	
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451.00.0002	L45AV	1/8	S	4.50	39	57	79	87	105	136	171	C	300	8.4	RSIR	R	GL45AA	451.00.3302
451.00.0003	L55AV	1/6	S	5.47	49	73	101	112	134	171	211	C	470	9.5	RSIR	R	GL60AA	451.00.3303
451.00.0004	L76AV	1/5	S	7.57	58	89	125	139	168	217	271	C	530	10.5	RSIR	R	GL75AA	451.00.3304
451.00.0104	L76BV	1/5	OC	7.57	58	89	125	139	168	217	271	C	530	10.5	RSIR	R		
451.00.0005	L88AV	1/4	S	8.85	69	107	150	167	200	255	317	C	530	11.0	RSIR	R	GL80AA	451.00.3305
451.00.0105	L88BV	1/4	OC	8.85	69	107	150	167	200	255	317	C	530	11.0	RSIR	R	GL90AAa OC	451.00.3325
451.00.0205	L88FW	1/4	F	8.85	69	107	150	167	200	255	317	C-V	530	10.0	RSIR	R	GL90AAb	451.00.3205
451.00.0106	P12BW	1/3	OC	12.00	79	132	192	215	261	337	422	C	530	11.5	RSIR	R	GP12BB OC	451.00.3326
451.00.0206	P12FW	1/3	F	12.00	79	132	192	215	261	337	422	C-V	530	11.5	RSIR	R	GP12FB	451.00.3206

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Compresor GQY80AT, freon R134a, capacitate 8.1 cmc, capacitate frigorifica ASHRAE 222 W, capacitate frigorifica CECOMAF 165 W, racire statica #GQY80AT

Model: GQY80AT

Freon: R134a

Capacitate: 8.1 cmc

Capacitate frigorifica ASHRAE: 222 W

Capacitate frigorifica CECOMAF: 165 W

Racire : statica



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