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

written by Lilianne | 21 March 2021
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. CECOMAF (W) -35	-30	-25 w	-25 COP	-10	Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
• *Gases sustitutivos del R-12 y R-134a.*															
○ Últimas existencias															
• *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. CECOMAF (W) -25	-15	5 w	5 COP	10	Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
• *Gases sustitutivos de R-12 y R-134a.*															
○ Últimas existencias															
○ 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. -35	-30	-25	-23.3	-20	-15	-10	Expansión	Aceite cm3	Peso Kg.	Motor	Arranque	220-240V/ 50Hz
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]	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	
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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Compresseur, MPT18LA, R-404A / R-507, Cubigel Compressors, 1/2 HP, LBP, CSR

written by Lilianne | 21 March 2021

Le compresseur à piston hermétique à basse température Cubigel MPT18LA est utilisé dans les équipements de réfrigération avec

des températures de fonctionnement d’évaporation inférieures à -20 ºC:

1. Réfrigérateurs
2. Congélateurs
3. Réfrigérées vitrines
4. Chambres frigorifiques pour produits surgelés.

Caractéristiques du compresseur Cubigel MPT18LA:

- Travailler sur le fréon R404a / R507a
- Application de LBP (Low Dack Pressure)
- Volume du cylindre 18 cm^3
- Capacité d’huile 450 cm^3
- Type d’huile ISO VG 32 ESTER
- Courant de démarrage 19 A
- Poids 12,5 kg

Caractéristiques du moteur du compresseur Cubigel MPT18LA:

- Type de moteur CSR
- Puissance 1/2 CV
- Tension 200-220V 50Hz
- Tension admissible 170-242 V

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Compressors ZMC, EGL70AT, 1/5Hp, 1Ph, GL70AT, R-134a, standard Efficiency, 220-240V 50Hz, Cubigel Compressor, Cubigel, RSIR, LBP – LST – S, no Starting capacitor

written by Lilianne | 21 March 2021

G	L	Y	60	R	A	a

Indicates refrigerant.
G = R134a **N** = R290
M = R404A/R507 **H** = R600a

Indicates compressor range (overall design).
L = 4.5 - 10.7cm³ **X** = 16.0 - 23.0cm³
U = 4.5 - 8.9cm³ **P** = 12.0 - 18.0cm³ **S** = 18.0 - 38.0cm³

Indicates energy efficiency level. Not appearing in case of Standard efficiency.
Blank = Standard Efficiency
C = Enhance Efficiency
M = Medium
Y = High Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR
T = Top Efficiency - Run Capacitor RSCR or CSR
S = Super Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR

Indicates approximate compressor displacement under the following rule:
U / L ranges 10 times the approx. displacement in cm³/rev (GL90TB -> approx 9 cm³/rev)
P / X / S ranges The approx. displacement in cm³/rev (MX21TG -> approx 21 cm³/rev)

Indicates the starting torque, application type and compressor cooling:
A = LBP - LST - S
C = LBP - LST - FAN
D = LBP - HST - S
F = LBP - HST -FAN
L = LBP - HST - Fan (Current Relay)
M = HMBP - LST/HST - S/FAN
N = LMBP - LST/HST - S/FAN
P = HMBP - LST - FAN
R = HMBP - HST - FAN (CSR versions with Current Relay)
T = HMBP - HST - FAN (CSR versions with Potential Relay)

Indicates the rated voltage:
A = 220-240V 50Hz
B = 220-240V 50Hz (standard efficiency)
G = 200-220V 50Hz / 220-230V 60Hz
J = 100V 50/60Hz
N = 200-220V 50Hz or 200-240V 50Hz /

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GD40AA	4.06	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	34	50	**70**	**0.77**	155	**82**	**1.00**	6.1	Dd
GD40AF	4.06	1/10	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	31	47	**66**	**0.67**	147	**78**	**0.88**	6.8	Dd
GLY45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	47	65	**89**	**1.01**	192	**104**	**1.30**	8.7	Lb
GLY45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	48	66	**90**	**1.05**	193	**105**	**1.36**	8.7	Lb
GL45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	37	57	**81**	**0.81**	184	**96**	**1.06**	7.9	Lb
GL45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	37	57	**81**	**0.81**	184	**96**	**1.06**	7.9	Lb
GL45AF	4.56	1/8	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	36	56	**80**	**0.74**	184	**95**	**0.97**	8.4	Lb
GL45ANa	4.56	1/8	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	36	56	**80**	**0.78**	184	**95**	**1.03**	8.4	Lb
GLY55AAa	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	53	78	**108**	**1.03**	238	**127**	**1.33**	8.7	Lb
GLY55AAb	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	54	78	**109**	**1.09**	239	**128**	**1.40**	8.7	Lb
GLY60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	85	**119**	**1.03**	255	**139**	**1.34**	8.7	Lb
GLY60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSCR	P	C	58	86	**120**	**1.10**	256	**140**	**1.42**	8.7	Lb
GL60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	50	75	**107**	**0.85**	239	**126**	**1.10**	8.4	Lb
GL60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	50	75	**107**	**0.85**	239	**126**	**1.10**	8.4	Lb
GL60AF	5.98	1/6	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	57	81	**113**	**0.82**	245	**132**	**1.07**	9.1	Lb
GL60ANa	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
GL60ANb	5.98	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
GL60ANc	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	**114**	**0.83**	244	**133**	**1.09**	9.1	Lc
GL60ANd	5.98	1/6	LBP	OC	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	**114**	**0.83**	244	**133**	**1.09**	9.2	[illegible]
GLY70AAa	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	70	96	**132**	**1.05**	288	**154**	**1.36**	9.7	Lb
GLY70AAb	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	71	97	**133**	**1.12**	289	**155**	**1.44**	9.7	Lb
GL70AA	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	86	**121**	**0.87**	268	**142**	**1.12**	8.8	Lc
GL70ANa	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
GL70ANb	6.65	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
GL70ANc	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	**129**	**0.83**	278	**151**	**1.08**	9.4	Lc
GL70ANd	6.65	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	96	**129**	**0.83**	278	**151**	**1.08**	9.5	Ld
GLY75AAa	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	74	107	**147**	**1.06**	311	**172**	**1.36**	9.9	Lc
GLY75AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	76	108	**147**	**1.12**	312	**172**	**1.44**	9.9	Lc
GL75AA	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	95	**132**	**0.91**	296	**155**	**1.18**	9.0	Lc
GLY90AAa	8.10	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	92	129	**164**	**1.07**	349	**191**	**1.27**	10.0	Lc

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Model: GL70AA

General data

Refrigerant:	R134a
Discharge element:	C
Cooling:	S
Maximum ambient temperature [°C]:	43

Compressor's data

Cylinder capacity [cm³]:	6,7
Displacement [m³/h]:	1,1
Weight [kg]:	9,6
Oil charge [cm³]:	345
Oil type:	ISO VG 19 ESTER

Engine's data

Engine type:	RSIR
Power [KM]:	1/5
Starting element:	LST
Power supply:	220V 50Hz
Voltage range:	187-264
Locked rotor current [A]:	10,9
Running winding resistance (25°C) [Ω]:	12,59
Starting winding resistance (25°C) [Ω]:	22,02

Electrical data

Relays:	3003
Shielding element:	MRA38028, T0508, AF18FU
Starting capacitor volume [µF]:	

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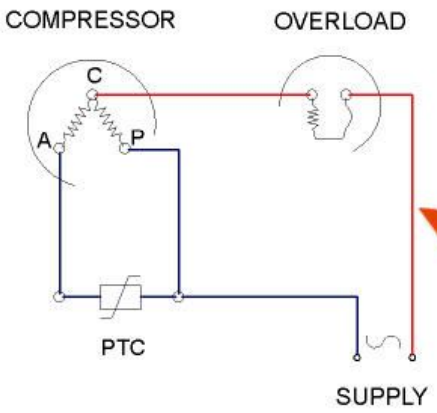
RSIR



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R134a

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity ASHRAE -23.3°C kcal/h	Cooling Capacity CECOMAF -25°C W	COP without RC ASHRAE -23.3°C W/W	COP without RC CECOMAF -25°C W/W	COP with RC ASHRAE -23.3°C W/W	COP with RC CECOMAF -25°C W/W
GL45AA	LBP R134a	1/8	43	A	96	82	1.06	0.82		
GL45AN	LBP R134a	1/8	50	C	96	81	1.05	0.8		
GL60AA	LBP R134a	1/6	43	A	132	114	1.14	0.89		
GL60AF	LBP R134a	1/6	43	D	132	113	1.07	0.82		
GL60AH	LBP R134a	1/6	43	A	133	114	1.31	1.01		
GL60AN	LBP R134a	1/6	50	C	132	114	1.07	0.83		
GL70AA	LBP R134a	1/5	43	A	149	128	1.18	0.92		
GL70AN	LBP R134a	1/5	50	D	150	129	1.08	0.83		
GL70AT	LBP R134a	1/5	43	E	144	122	1.09	0.84		
GL75AA	LBP R134a	1/5	43	A	155	133	1.18	0.92		
GL80AA	LBP R134a	1/5	43	A	173	148	1.18	0.93		
GL80AF	LBP R134a	1/5	43	D	166	141	1.14	0.88		
GL80AH	LBP R134a	1/5	43	A	175	150	1.35	1.06		
GL80AN	LBP R134a	1/4	43	A	196	168	1.36	1.06		
GL90AA	LBP R134a	1/4	43	A	195	167	1.19	0.93		
GL90AH	LBP R134a	1/4	43	A	215	182	1.39	1.08		
GL90AN	LBP R134a	1/4	50	D	190	169	1.1	0.85		
GL90AT	LBP R134a	1/4	43	E	190	161	1.19	0.92		
GL99AA	LBP R134a	1/4	43	A	214	182	1.24	0.96		
GL99AH	LBP R134a	1/4	43	A	215	182	1.39	1.08		
GL80AD	LBP R134a	1/5	43	W	0	0	0	0		
GL90AD	LBP R134a	1/4	43	W	0	0	0	0		

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