

GENERAL CATALOGUE

Compressors

R134a



cubigel[®]
compressors
by
HUAYI
COMPRESSOR
BARCELONA



R134a (*) LBP • 50 Hz



MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-25		-10		-23.3					
									-35	-30	W	COP	-10	kcal/h	COP			
GD24AA	2.44	1/20	LBP	S	220-240V 50Hz ~1	RSIR	P	C	12	22	34	0.51	85	41	0.68	5.3	Db	
GD30AA	3.08	1/12	LBP	S	220-240V 50Hz ~1	RSIR	P	C	23	36	52	0.74	117	62	0.96	5.6	Dc	
GD30AG	3.08	1/12	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	21	34	49	0.6	111	58	0.79	5.9	Dc	
GD36AA	3.62	1/12	LBP	S	220-240V 50Hz ~1	RSIR	P	C	28	43	61	0.76	136	72	0.99	5.7	Dc	
GD36AFa	3.62	1/12	LBP	S	200-220/230V 50/60Hz ~1	RSIR	P	C	26	40	58	0.63	128	68	0.83	5.9	Dc	
GD36AFb	3.62	1/12	LBP	S	200-220/230V 50/60Hz ~1	CSIR	R	C-V	26	40	58	0.63	128	68	0.83	5.9	Dc	
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	
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	
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	
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	
GLY80AAa	8.10	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	92	123	164	1.07	349	191	1.37	10.0	Lc	
GLY80AAb	8.10	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	93	124	165	1.13	351	192	1.45	10.0	Lc	
GL80AAa	8.10	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	102	144	0.89	326	170	1.15	9.0	Lc	
GL80AAb	8.10	1/5	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	68	102	144	0.89	326	170	1.15	9.0	Lc	
GL80ANa	8.10	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	75	107	148	0.83	331	174	1.09	9.8	Ld	
GL80ANb	8.10	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	75	107	148	0.83	331	174	1.09	9.8	Ld	
GL80ANc	8.10	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	75	107	148	0.83	331	174	1.09	9.8	Ld	
GLY90AAa	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	104	140	186	1.07	387	216	1.37	10.5	Ld	
GLY90AAb	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSCR	P	C	103	140	187	1.13	388	217	1.45	10.5	Ld	
GL90AAa	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	82	119	165	0.90	351	193	1.15	9.4	Lc	
GL90AAb	9.09	1/4	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	82	119	165	0.90	351	193	1.15	9.4	Lc	
GL90ANa	9.09	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	85	118	163	0.84	366	191	1.10	10.4	Ld	
GL90ANb	9.09	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	85	118	163	0.84	366	191	1.10	10.4	Ld	
GL90ANc	9.09	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	85	118	163	0.84	366	191	1.10	10.4	Ld	
GL99AAa	9.95	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	83	125	175	0.92	377	205	1.19	9.6	Ld	
GL99AAb	9.95	1/4	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	83	125	175	0.92	377	205	1.19	9.6	Ld	
GPY12AAa	12.10	3/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	128	178	241	0.96	500	280	1.23	11.5	Pd	
GPY12AAb	12.10	3/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	128	178	241	1.04	500	280	1.33	11.5	Pd	
GPY12LAa	12.10	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	113	162	225	1.00	509	265	1.30	12.1	Pd	
GPY12LAb	12.10	3/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	113	162	225	1.06	509	265	1.38	12.1	Pd	
GP12AB	12.05	1/3	LBP	S	220-240V 50Hz ~1	RSIR	R	C	83	132	190	0.88	424	225	1.14	11.5	Pc	
GP12CB	12.05	1/3	LBP	F	220-240V 50Hz ~1	RSIR	R	C	83	132	190	0.88	424	225	1.14	11.5	Pc	
GP12FB	12.05	1/3	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	83	132	190	0.88	424	225	1.14	11.5	Pc	
GPM12CA	12.10	3/8	LBP	F	220-240V 50Hz ~1	RSIR	R	C	128	178	241	0.94	500	280	1.21	11.3	Pc	

Green Cooling Models (*) Or HF01234yf / See design drawing on page 66

New Models

This table continues in the following page

R134a (*) LBP • 50 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-35	-30	-25		-10	-23.3				
W	COP	kcal/h	COP															
GP14CB	14.17	3/8	LBP	F	220-240V 50Hz ~1	RSIR	R	C	99	158	228	0.90	509	270	1.16	11.5	Pc	
GP14CG	14.17	3/8	LBP	F	200-220/220-230V 50/60Hz ~1	RSIR	R	C	99	158	228	0.83	509	270	1.08	11.5	Pc	
GP14FB	14.17	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	99	158	228	0.90	509	270	1.16	11.5	Pc	
GP14FC	14.17	3/8	LBP	F	100V 50/60Hz ~1	CSIR	R	C-V	99	158	228	0.73	509	270	0.95	12.9	Pd	
 GPY16LAa	16.15	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	168	234	319	1.01	690	374	1.31	12.6	Pd	
 GPY16LAb	16.15	3/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	168	234	319	1.07	690	374	1.41	12.6	Pd	
GP16CB	16.15	3/8	LBP	F	220-240V 50Hz ~1	RSIR	R	C	109	182	266	0.89	585	315	1.14	12.0	Pd	
GP16FB	16.15	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	109	182	266	0.89	585	315	1.14	12.0	Pd	
GP16FC	16.15	3/8	LBP	F	100V 50/60Hz ~1	CSIR	R	C-V	109	182	266	0.78	585	315	1.02	12.9	Pd	
GX21FB	20.72	2/3	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	151	243	351	0.93	778	415	1.20	15.5	Xc	





R134a (*) LBP • 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-35	-30	-25		-10	-23.3				
W	COP	kcal/h	COP															
GD24ADa	2.44	1/20	LBP	S	115V 60Hz ~1	RSIR	P	C	14	26	40	0.52	100	48	0.70	5.1	Db	
GD24ADb	2.44	1/20	LBP	S	115V 60Hz ~1	CSIR	R	C-V	14	26	40	0.52	100	48	0.70	5.1	Db	
GD30AG	3.08	1/12	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	25	39	57	0.67	130	68	0.88	5.9	Dc	
GD36AD	3.62	1/12	LBP	S	115V 60Hz ~1	RSIR	P	C	30	47	68	0.65	150	80	0.85	6.7	Dc	
GD36AFa	3.62	1/12	LBP	S	200-220/230V 50/60Hz ~1	RSIR	P	C	30	47	68	0.65	150	80	0.86	5.9	Dc	
GD36AFb	3.62	1/12	LBP	S	200-220/230V 50/60Hz ~1	CSIR	R	C-V	30	47	68	0.65	150	80	0.86	5.9	Dc	
GD40AF	4.06	1/10	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	36	54	77	0.70	172	91	0.91	6.8	Dd	
GL45ADa	4.56	1/8	LBP	S	115V 60Hz ~1	RSIR	P	C	41	65	95	0.80	215	112	1.05	8.1	Lb	
GL45ADb	4.56	1/8	LBP	S	115V 60Hz ~1	CSIR	R	C-V	41	65	95	0.80	215	112	1.05	8.1	Lb	
GL45ANa	4.56	1/8	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	44	65	93	0.83	213	110	1.09	8.4	Lb	
GL60ADa	5.98	1/6	LBP	S	115V 60Hz ~1	RSIR	P	C	65	95	132	0.85	290	155	1.10	9.1	Lb	
GL60ADb	5.98	1/6	LBP	S	115V 60Hz ~1	CSIR	R	C-V	65	95	132	0.85	290	155	1.10	9.1	Lb	
GL60ANa	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	68	95	131	0.88	285	153	1.15	9.1	Lc	
GL60ANb	5.98	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	68	95	131	0.88	285	153	1.15	9.1	Lc	
GL60ANc	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	68	95	131	0.88	285	153	1.15	9.1	Lc	
GL80ADa	8.10	1/5	LBP	S	115V 60Hz ~1	RSIR	P	C	84	122	171	0.87	384	201	1.13	9.8	Lc	
GL80ADb	8.10	1/5	LBP	S	115V 60Hz ~1	CSIR	R	C-V	84	122	171	0.87	384	201	1.13	9.8	Lc	
GL80ANa	8.10	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	87	124	172	0.92	385	202	1.19	9.8	Ld	
GL80ANb	8.10	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	87	124	172	0.92	385	202	1.19	9.8	Ld	
GL80ANc	8.10	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	87	124	172	0.92	385	202	1.19	9.8	Ld	
GL90ADa	9.09	1/4	LBP	S	115V 60Hz ~1	RSIR	P	C	97	138	191	0.88	421	224	1.14	10.5	Ld	
GL90ADb	9.09	1/4	LBP	S	115V 60Hz ~1	CSIR	R	C-V	97	138	191	0.88	421	224	1.14	10.5	Ld	
GL90ANa	9.09	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	97	134	185	0.93	421	218	1.20	10.4	Ld	
GL90ANb	9.09	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	97	134	185	0.93	421	218	1.20	10.4	Ld	

R134a (*) LBP • 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY							WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
									Cecomaf (W)				Ashrae				
									-35	-30	-25		-10	-23.3			
											W	COP		kcal/h	COP		
GL90ANc	9.09	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	97	134	185	0.93	421	218	1.20	10.4	Ld
GL99ADa	9.95	1/4	LBP	S	115V 60Hz ~1	RSIR	P	C	102	148	205	0.89	439	240	1.15	10.8	Ld
GL99ADb	9.95	1/4	LBP	S	115V 60Hz ~1	CSIR	R	C-V	102	148	205	0.89	439	240	1.15	10.8	Ld
GP14FE	14.17	3/8	LBP	F	115V 60Hz ~1	CSIR	R	C-V	116	185	267	0.72	596	316	0.94	12.9	Pd
GP14FC	14.17	3/8	LBP	F	100V 50/60Hz ~1	CSIR	R	C-V	116	185	267	0.83	596	316	1.08	12.9	Pd
GP14CG	14.17	3/8	LBP	F	200-220/220-230V 50/60Hz ~1	RSIR	R	C	113	181	262	0.91	589	310	1.18	11.5	Pc
GP16FE	16.15	3/8	LBP	F	115V 60Hz ~1	CSIR	R	C-V	125	209	306	0.77	672	362	1.00	12.9	Pd
GP16FC	16.15	3/8	LBP	F	100V 50/60Hz ~1	CSIR	R	C-V	125	209	306	0.88	672	362	1.14	12.9	Pd

R134a (*) HMBP | HBP • 50 Hz














MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY							WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
									Cecomaf (W)				Ashrae				
									-25	-15	5		10	7.2			
											W	COP		kcal/h	COP		
GD24MBc	2.44	1/14	HBP	S	220-240V 50Hz ~1	CSIR	R	C-V	36	64	174	1.43	212	180	1.67	5.1	Db
GD30MBa	3.08	1/10	HMBP	S	220-240V 50Hz ~1	RSIR	P	C	49	88	233	1.52	282	240	1.74	5.8	Dc
GD30MBb	3.08	1/10	HMBP	F	220-240V 50Hz ~1	RSIR	P	C	49	88	233	1.52	282	240	1.74	5.8	Dc
GD30MBc	3.08	1/10	HMBP	S	220-240V 50Hz ~1	CSIR	R	C-V	49	88	233	1.52	282	240	1.74	5.8	Dc
GD30MBd	3.08	1/10	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	49	88	233	1.52	282	240	1.74	5.8	Dc
GD36MBa	3.62	1/10	HMBP	S	220-240V 50Hz ~1	RSIR	P	C	53	96	261	1.52	318	270	1.74	6.7	Dd
GD36MBb	3.62	1/10	HMBP	F	220-240V 50Hz ~1	RSIR	P	C	53	96	261	1.52	318	270	1.74	6.7	Dd
GD36MBc	3.62	1/10	HMBP	S	220-240V 50Hz ~1	CSIR	R	C-V	53	96	261	1.52	318	270	1.74	6.7	Dd
GD36MBd	3.62	1/10	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	53	96	261	1.52	318	270	1.74	6.7	Dd
GD40MBa	4.06	1/8	HMBP	S	220-240V 50Hz ~1	RSIR	P	C	64	117	301	1.56	363	310	1.8	6.7	Dd
GD40MBb	4.06	1/8	HMBP	F	220-240V 50Hz ~1	RSIR	P	C	64	117	301	1.56	363	310	1.8	6.7	Dd
GD40MBc	4.06	1/8	HMBP	S	220-240V 50Hz ~1	CSIR	R	C-V	64	117	301	1.56	363	310	1.8	6.7	Dd
GD40MBd	4.06	1/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	64	117	301	1.56	363	310	1.8	6.7	Dd
 GLY45RAa	4.56	1/6	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	73	140	374	1.96	451	385	2.25	8.8	Lb
 GLY45RAb	4.56	1/6	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	73	140	374	2.13	451	385	2.46	8.8	Lb
GL45PB	4.50	1/6	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	76	134	342	1.62	413	352	1.86	8.4	Lb
GL45TB	4.50	1/6	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	76	134	342	1.62	413	352	1.86	8.0	Lb
GL45MG	4.50	1/6	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	71	133	342	1.69	412	352	1.95	8.8	Lb
GL45TG	4.50	1/6	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	76	134	342	1.68	413	352	1.95	8.8	Lb
 GLY60RAa	5.98	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	106	191	486	2.06	586	500	2.36	9.9	Lc
 GLY60RAb	5.98	1/5	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	106	191	486	2.25	586	500	2.60	9.9	Lc
GL60PB	5.68	1/5	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	95	170	437	1.82	528	450	2.09	9.5	Lc
GL60TB	5.68	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	95	170	437	1.82	528	450	2.09	8.6	Lb
GL60TG	5.68	1/5	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	95	170	437	1.82	528	450	2.09	9.9	Lc
GL60MG	5.68	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	85	155	429	1.71	526	445	1.99	9.9	Lb
GL60TC	5.68	1/5	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	95	170	437	1.73	528	450	2.01	9.8	Lc

 Green Cooling Models (*) Or HF01234yf / See design drawing on page 66

 New Models

This table continues in the following page

R134a (*) HMBP | HBP • 50 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									-25	-15	5		10	7.2				
											W	COP		kcal/h	COP			
 GLY80RAa	8.10	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	159	275	681	2.17	819	700	2.50	10.4	Lc	
 GLY80RAb	8.10	1/5	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	159	275	681	2.35	819	700	2.71	10.4	Lc	
GL80PB	7.57	1/5	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	111	212	554	1.83	668	570	2.10	9.5	Lc	
GL80TB	7.57	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	111	212	554	1.83	668	570	2.10	9.2	Lc	
GL80TG	7.57	1/5	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	111	212	554	1.83	668	570	2.10	10.1	Lc	
GL80MG	7.57	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	136	220	579	1.80	709	600	2.11	10.1	Lc	
GL80TC	7.57	1/5	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	111	212	554	1.87	668	570	2.21	10.4	Lc	
 GLY90RAa	9.09	1/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	169	298	748	2.06	901	770	2.37	10.5	Lc	
 GLY90RAb	9.09	1/4	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	169	298	748	2.27	901	770	2.61	10.5	Lc	
GL90PB	8.85	1/4	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	143	259	661	1.91	796	680	2.20	10.8	Ld	
GL90TB	8.85	1/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	143	259	661	1.91	796	680	2.20	9.6	Lc	
GL90TG	8.85	1/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	143	259	661	1.81	796	680	2.08	10.8	Ld	
GL90MG	8.85	1/4	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	110	242	665	1.81	803	685	2.10	10.8	Ld	
GL90TC	8.85	1/4	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	143	259	661	1.76	796	680	2.08	10.9	Ld	
 GLY99RAa (**)	9.95	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	189	328	814	2.01	972	836	2.31	10.8	Ld	
 GLY99RAb (**)	9.95	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	189	328	814	2.18	972	836	2.49	10.8	Ld	
GL11TB	10.97	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	190	330	817	1.94	985	840	2.23	10.3	Ld	
 GPY12RAa	12.10	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	228	401	993	2.05	1192	1020	2.35	12.6	Pd	
 GPY12RAb	12.10	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	228	401	993	2.24	1192	1020	2.58	12.6	Pd	
GP12PB	12.05	3/8	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	169	338	893	1.80	1077	920	2.06	11.2	Pc	
GP12TB	12.05	3/8	HBP	F	220-240V 50Hz ~1	CSIR	R	C-V	169	338	893	1.80	1077	920	2.06	10.1	Pc	
GP12TG	12.05	3/8	HBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	169	338	893	1.77	1077	920	2.02	11.2	Pc	
 GPY14RAa	14.32	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	296	492	1161	1.98	1386	1190	2.27	12.6	Pd	
 GPY14RAb	14.32	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	296	492	1161	2.18	1386	1190	2.50	12.6	Pd	
 GPY16RAa	16.15	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	315	522	1248	2.20	1490	1351	2.31	12.8	Pd	
 GPY16RAb	16.15	3/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	315	522	1248	2.38	1490	1351	2.50	12.8	Pd	
GP14PB	14.17	3/8	HMBP	F	220-240V 50Hz ~1	RSIR	R	C	191	373	999	1.77	1209	1030	2.03	11.5	Pd	
GP14TB	14.17	3/8	HBP	F	220-240V 50Hz ~1	CSIR	R	C-V	191	373	999	1.77	1209	1030	2.03	11.2	Pd	
GP14TG	14.17	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	191	373	999	1.77	1209	1030	2.03	12.9	Pd	
GP16TB	16.15	3/8	HBP	F	220-240V 50Hz ~1	CSIR	R	C-V	269	476	1205	1.81	1452	1240	2.09	13.1	Pd	
GP16TG	16.15	3/8	HBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	269	476	1205	1.82	1452	1240	2.09	12.9	Pd	
 GPT16RG	16.15	1/2	HBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	305	539	1364	2.08	1644	1404	2.39	12.3	Pd	
GX18TB	18.40	1/2	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	286	539	1390	1.91	1674	1430	2.20	15.0	Xc	
GX18TG	18.40	1/2	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	286	539	1390	1.91	1674	1430	2.20	15.9	Xc	
GX21TB	20.72	5/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	323	603	1550	1.90	1867	1595	2.18	17.0	Xd	
GX23TB	23.20	5/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	368	678	1730	1.89	2083	1780	2.18	17.0	Xd	
GX23TG	23.20	5/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	368	678	1730	1.80	2083	1780	2.08	17.0	Xd	
GS26TB	25.93	3/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	265	703	2071	2.09	2515	2140	2.42	22.7	Sc	
GS26TG	25.93	3/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	265	703	2071	2.15	2515	2140	2.49	22.7	Sc	
GS26T3	25.93	3/4	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	265	703	2071	2.21	2515	2140	2.55	22.7	Sc	
GS30TB	29.95	7/8	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	318	786	2452	2.33	3020	2550	2.70	22.7	Sd	
GS30TG	29.95	7/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	318	786	2452	2.33	3020	2550	2.70	23.0	Sd	
GS34TB	34.42	1	HMBP	F	220-240V 50Hz ~1	CSR	R	C-V	476	1068	2852	2.28	3422	2931	2.62	22.7	Sd	

 Green Cooling Models (*) Or HFO1234yf (**) Model under development. Provisional performances/data. / See design drawing on page 66

 New Models

R134a (*) HMBP | HBP • 60 Hz




MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY								WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C									
									Cecomaf (W)				Ashrae					
									5		10		7.2					
									-25	-15	W	COP	10	kcal/h	COP			
GD24MEa	2.44	1/14	HMBP	S	115V 60Hz ~1	RSIR	P	C	38	75	203	1.41	247	210	1.63	5.1	Db	
GD24MEc	2.44	1/14	HMBP	S	115V 60Hz ~1	CSIR	R	C-V	38	75	203	1.41	247	210	1.63	5.1	Db	
GD30MEa	3.08	1/10	HMBP	S	115V 60Hz ~1	RSIR	P	C	57	104	272	1.43	330	281	1.63	5.8	Dc	
GD30MEb	3.08	1/10	HMBP	F	115V 60Hz ~1	RSIR	P	C	57	104	272	1.43	330	281	1.63	5.8	Dc	
GD30MEc	3.08	1/10	HMBP	S	115V 60Hz ~1	CSIR	R	C-V	57	104	272	1.43	330	281	1.63	5.8	Dc	
GD30MEd	3.08	1/10	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	57	104	272	1.43	330	281	1.63	5.8	Dc	
GD36MEa	3.62	1/10	HMBP	S	115V 60Hz ~1	RSIR	P	C	61	111	305	1.45	373	316	1.67	6.7	Dd	
GD36MEb	3.62	1/10	HMBP	F	115V 60Hz ~1	RSIR	P	C	61	111	305	1.45	373	316	1.67	6.7	Dd	
GD36MEc	3.62	1/10	HMBP	S	115V 60Hz ~1	CSIR	R	C-V	61	111	305	1.45	373	316	1.67	6.7	Dd	
GD36MEd	3.62	1/10	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	61	111	305	1.45	373	316	1.67	6.7	Dd	
GD40MEa	4.06	1/8	HMBP	S	115V 60Hz ~1	RSIR	P	C	74	137	353	1.47	425	363	1.69	6.7	Dd	
GD40MEb	4.06	1/8	HMBP	F	115V 60Hz ~1	RSIR	P	C	74	137	353	1.47	425	363	1.69	6.7	Dd	
GD40MEc	4.06	1/8	HMBP	S	115V 60Hz ~1	CSIR	R	C-V	74	137	353	1.47	425	363	1.69	6.7	Dd	
GD40MEd	4.06	1/8	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	74	137	353	1.47	425	363	1.69	6.7	Dd	
GL45MG	4.50	1/6	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	90	157	400	1.66	483	412	1.92	8.8	Lb	
GL45PE	4.50	1/6	HMBP	F	115V 60Hz ~1	RSIR	R	C	89	157	400	1.60	483	412	1.84	8.4	Lb	
GL45TE	4.50	1/6	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	89	157	400	1.60	483	412	1.84	8.6	Lb	
GL45TG	4.50	1/6	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	89	157	400	1.66	483	412	1.92	8.8	Lb	
GL60PE	5.68	1/5	HMBP	F	115V 60Hz ~1	RSIR	R	C	111	199	511	1.75	616	526	2.01	9.5	Lc	
GL60TE	5.68	1/5	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	111	199	511	1.75	616	526	2.01	9.7	Lc	
GL60MG	5.68	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	108	185	501	1.74	615	520	2.02	9.9	Lb	
GL60TC	5.68	1/5	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	111	199	511	1.75	616	526	2.01	9.8	Lc	
GL60TG	5.68	1/5	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	111	199	511	1.77	616	526	2.04	9.9	Lc	
GLY80RDa	8.10	1/5	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	169	299	776	2.03	939	800	2.34	10.6	Lc	
GLY80RDb	8.10	1/5	HMBP	F	115V 60Hz ~1	CSR	R	C-V	169	299	776	2.18	939	800	2.51	10.6	Lc	
GL80PE	7.57	1/5	HMBP	F	115V 60Hz ~1	RSIR	R	C	130	249	648	1.79	781	667	2.04	9.5	Lc	
GL80TE	7.57	1/5	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	130	249	648	1.79	781	667	2.04	10.1	Lc	
GL80MG	7.57	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	203	276	677	1.86	830	702	2.15	10.1	Lc	
GL80TC	7.57	1/5	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	130	249	648	1.93	781	667	2.22	10.4	Lc	
GL80TG	7.57	1/5	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	130	249	648	1.79	781	667	2.04	10.1	Lc	
GLY90RDa	9.09	1/4	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	198	348	875	1.96	1053	900	2.25	10.6	Lc	
GLY90RDb	9.09	1/4	HMBP	F	115V 60Hz ~1	CSR	R	C-V	198	348	875	2.11	1053	900	2.42	10.6	Lc	
GL90PE	8.85	1/4	HMBP	F	115V 60Hz ~1	RSIR	R	C	167	303	773	1.79	932	796	2.06	10.8	Ld	
GL90TE	8.85	1/4	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	167	303	773	1.79	932	796	2.06	10.8	Ld	
GL90TG	8.85	1/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	168	303	773	1.72	932	796	1.97	10.8	Ld	
GL90MG	8.85	1/4	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V	172	300	775	1.84	940	800	2.11	10.8	Ld	
GL90TC	8.85	1/4	HMBP	F	100V 50/60Hz ~1	CSIR	R	C-V	167	303	773	1.83	932	796	2.10	10.9	Ld	
GPY12RDa	12.10	3/8	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	281	480	1151	1.96	1375	1180	2.25	12.3	Pd	
GPY12RDb	12.10	3/8	HMBP	F	115V 60Hz ~1	CSR	R	C-V	281	480	1151	2.12	1375	1180	2.44	12.3	Pd	
GP12PE	12.05	3/8	HMBP	F	115V 60Hz ~1	RSIR	R	C	198	395	1045	1.83	1260	1076	2.10	11.2	Pc	
GP12TE	12.05	3/8	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	198	395	1045	1.83	1260	1076	2.10	11.2	Pc	
GP12TG	12.05	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	198	395	1045	1.69	1260	1076	1.93	11.2	Pc	
GPY14RDa	14.32	1/2	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	318	516	1411	1.91	1739	1467	2.22	12.8	Pd	
GPY14RDb	14.32	1/2	HMBP	F	115V 60Hz ~1	CSR	R	C-V	318	516	1411	2.04	1739	1467	2.36	12.8	Pd	

Green Cooling Models (*) Or HF01234yf / See design drawing on page 66

This table continues in the following page

New Models

R134a (*) HMBP | HBP • 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY							WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
									Cecomaf (W)				Ashrae				
									5		7.2		10				
									-25	-15	W	COP	10	kcal/h	COP		
GP14PE	14.17	3/8	HMBP	F	115V 60Hz ~1	RSIR	R	C	222	437	1168	1.78	1414	1205	2.03	11.5	Pd
GP14TE	14.17	3/8	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	222	437	1168	1.78	1414	1205	2.03	11.5	Pd
GP14TG	14.17	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	222	437	1168	1.78	1414	1205	2.03	12.9	Pd
 GPY16RDa	16.15	1/2	HBP	F	115V 60Hz ~1	CSIR	R	C-V	349	614	1519	1.89	1822	1560	2.17	12.5	Pd
 GPY16RDb	16.15	1/2	HBP	F	115V 60Hz ~1	CSR	R	C-V	349	614	1519	2.01	1822	1560	2.31	12.5	Pd
GP16TE	16.15	3/8	HBP	F	115V 60Hz ~1	CSIR	R	C-V	313	557	1409	1.71	1698	1450	1.96	12.9	Pd
GP16TR	16.15	3/8	HBP	F	115-127V 60Hz ~1	CSIR	R	C-V	313	557	1409	1.74	1698	1450	2.01	12.5	Pd
GP16TG	16.15	3/8	HBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	313	557	1409	1.75	1698	1450	2.00	12.9	Pd
 GPT16RG	16.15	1/2	HBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	342	619	1596	2.06	1923	1612	2.37	12.5	Pd
GX18TG	18.40	1/2	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	334	630	1626	1.89	1958	1673	2.17	15.9	Xc
GX23TG	23.20	5/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	429	792	2022	1.73	2434	2080	1.98	17.0	Xd
GS26TG	25.93	3/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	307	824	2421	2.08	2936	2500	2.40	22.7	Sc
GS26T3	25.93	3/4	HMBP	F	400/440V 50/60Hz ~3	3PHASE	R	C-V	307	824	2421	2.09	2936	2500	2.40	22.7	Sc
GS30TG	29.95	7/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	371	921	2867	2.24	3528	2981	2.61	23.0	Sd
GS34TF	34.42	1	HMBP	F	220-230V 60Hz ~1	CSR	R	C-V	551	1248	3329	2.18	3992	3421	2.50	22.7	Sd

R134a (*) MBP • 50 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY					WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						
									-25	-20	-10	-5	0		
									GD24NG	2.44	1/14	MBP	S		
GD24NBa	2.44	1/14	MBP	S	220-240V 50Hz ~1	RSIR	P	C	33	47	86	111	140	5.1	Db

R134a (*) MBP • 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY					WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						
									-25	-20	-10	-5	0		
									GD24NEa	2.44	1/14	MBP	S		
GD24NG	2.44	1/14	MBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	38	55	101	130	164	5.5	Db
GD30NEa	3.08	1/10	MBP	S	115V 60Hz ~1	RSIR	P	C	57	77	137	175	220	5.8	Dc
GD40NEa	4.06	1/8	MBP	S	115V 60Hz ~1	RSIR	P	C	74	102	180	230	288	6.0	Dd

 Green Cooling Models

(*) Or HFO1234yf / See design drawing on page 66

 New Models

R134a (*) VHBP • 50 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY					WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						
									0	5	10	20	25		
GL45YG	4.50	1/6	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	264	329	409	610	732	8.8	Lb
GL99YB	9.95	3/8	VHBP	S	220-240V 50Hz ~1	RSCR	P	C	592	750	930	1355	1599	11.2	Ld
GP12YG	12.05	3/8	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	732	913	1130	1675	2003	12.7	Pd
GP14YB	14.17	3/8	VHBP	S	220-240V 50Hz ~1	RSCR	P	C	904	1101	1346	1980	2369	13.5	Pd
GP16YB	16.15	1/2	VHBP	S	220-240V 50Hz ~1	RSCR	P	C	931	1151	1404	2007	2358	13.5	Pd
GP16YGb	16.15	1/2	VHBP	S	230V 50/60Hz ~1	CSR	R	C-V	974	1201	1475	2167	2585	12.9	Pd

R134a (*) VHBP • 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY					WEIGHT Kg	DESIGN
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						
									0	5	10	20	25		
GL45YG	4.5	1/6	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	307	382	474	708	851	8.8	Lb
GP12YG	12.05	3/8	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	856	1070	1324	1958	2337	12.7	Pd
GP16YGb	16.15	1/2	VHBP	S	230V 50/60Hz ~1	CSR	R	C-V	1131	1399	1723	2533	3021	12.9	Pd

R134a HMBP • 50 | 60 Hz

Variable Speed Compressors

MODEL	DISPLACEMENT cm ³	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED rpm	REFRIGERATION CAPACITY						WEIGHT Kg	DESIGN	
								COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
								Cecomaf (W)			Ashrae					
								-25	-15	+10	+5		kcal/h			COP
											W	COP				
GLT99FSN	9.95	HMBP	F	220-240V 50/60Hz ~1	ECM	C-V	1800	115	205	542	2.52	658	560	2.92	11.2	Lc
							2100	135	242	630	2.6	764	651	2.98		
							2400	153	275	712	2.54	860	734	2.92		
							3000	188	340	868	2.42	1046	894	2.77		
							3600	222	391	1030	2.30	1253	1065	2.62		

 Green Cooling Models (*) Or HF01234yf / See design drawing on page 66

 New Models

R134a LBP | MBP | HBP • DC 50 | 60 Hz

Mobile Compressors

MODEL	DISPLACEMENT cm ³	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED rpm	REFRIGERATION CAPACITY						WEIGHT Kg	DESIGN	
								COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
								Cecomaf (W)			Ashrae					
								-25		-10	+10	-23.3				
W	COP	kcal/h	COP													
GD30FDC 12-42V	3.0	LBP MBP HBP	S / F	12-24-42V DC	ECM	C	1500	18	24	0.97	57	150	28	1.24	5.4	Db
							2000	25	34	0.98	82	210	40	1.28		
							2500	30	42	0.96	104	264	50	1.26		
							3000	35	49	0.95	122	-	58	1.24		
							3500	39	54	0.94	136	-	64	1.22		
GD30FDC Dual (*)	3.0	LBP MBP HBP	S / F	12-24-42V DC 100-240V 50/60Hz	ECM	C	1500	18	24	0.97	57	150	28	1.24	5.5	Db
							2000	25	34	0.98	82	210	40	1.28		
							2500	30	42	0.96	104	-	50	1.26		
							3000	35	49	0.95	122	-	58	1.24		
							3500	39	54	0.94	-	-	64	1.22		
GD30FDC 48-56V (*)	3.0	LBP MBP HBP	S / F	48-56V DC	ECM	C	1500	18	24	0.97	57	150	28	1.24	5.4	Db
							2000	25	34	0.98	82	210	40	1.28		
							2500	30	42	0.96	104	264	50	1.26		
							3000	35	49	0.95	122	-	58	1.24		
							3500	39	54	0.94	136	-	64	1.22		

R134a HMBP • DC

Mobile Compressors

MODEL	DISPLACEMENT cm ³	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED rpm	REFRIGERATION CAPACITY						WEIGHT Kg	DESIGN	
								COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
								Cecomaf (W)			Ashrae					
								-25	-15	+5	+10	+7,2				
W	COP	kcal/h	COP													
GLT80TDC 24-42V	8.1	HMBP	F	24-42V DC	ECM	C	1500	78	139	362	1.93	421	369	2.19	8.4	Lc
							2000	107	190	487	2.06	565	497	2.34		
							2500	135	238	601	1.99	710	613	2.26		
							3000	161	281	711	1.91	840	725	2.17		
							3500	185	320	818	1.82	962	834	2.07		

Green Cooling Models (*) Model under development. Provisional performances/data. / See design drawing on page 66

New Models

	Testing cycle conditions			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP (C)	LBP (B)	HMBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

Measurement conversion

R134a

W(A) x 1.05 = kcal/h (B)

W(C) x 0.94 = kcal/h (D)

GS Compressor's range can be provided with tube or valve



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