

R134a

2. Compressors Catalogue



R134a

LBP

50 Hz

R134a compressors compatible with R12

HIGH EFFICIENCY

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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		Kcal/h	COP		
									W	COP		W	COP				
GLY35AAa	3.68	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	33	47	66	0.94	151	78	1.23	9.0	Lb
GLY35AAb	3.68	1/10	LBP	S	220-240V 50Hz ~1	RSCR	P	C	32	47	67	0.99	153	79	1.29	9.0	Lb
GLY40AAa	4.02	1/9	LBP	S	220-240V 50Hz ~1	RSIR	P	C	35	53	75	0.96	169	89	1.25	9.1	Lb
GLY40AAb	4.02	1/9	LBP	S	220-240V 50Hz ~1	RSCR	P	C	36	54	76	1.00	171	90	1.31	9.1	Lb
GLY45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	47	65	89	1.01	192	104	1.3	9.2	Lb
GLY45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	48	66	90	1.05	193	105	1.36	9.2	Lb
GLY55AAa	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	53	78	108	1.03	238	127	1.33	9.2	Lb
GLY55AAb	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	54	78	109	1.09	239	128	1.40	9.2	Lb
GLY60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	85	119	1.03	255	139	1.34	9.3	Lb
GLY60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSCR	P	C	58	86	120	1.10	256	140	1.42	9.3	Lb
GLY70AAa	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	70	96	132	1.05	288	154	1.36	9.8	Lb
GLY70AAb	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	71	97	133	1.12	289	155	1.44	9.8	Lb
GLY75AAa	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	74	107	147	1.06	311	172	1.36	10.0	Lc
GLY75AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	76	108	147	1.12	312	172	1.44	10.0	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
GLY90AAa	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	104	140	186	1.07	387	216	1.37	10.4	Ld
GLY90AAb	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSCR	P	C	103	140	187	1.13	388	217	1.45	10.4	Ld
GPM10AA	10.18	1/4	LBP	S	220-240V 50Hz ~1	RSIR	R	C	95	136	188	0.94	405	220	1.22	11.5	Pc
GPM12BA	12.10	3/8	LBP	OC	220-240V 50Hz ~1	RSIR	R	C	128	178	241	0.94	500	280	1.21	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	11.5	Pc
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

R134a

LBP

60 Hz

R134a compressors compatible with R12

HIGH EFFICIENCY

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C							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		Kcal/h	COP		
									W	COP		W	COP				
GLY40ADa	4.02	1/9	LBP	S	115V 60Hz ~1	RSIR	P	C	46	65	91	0.97	208	107	1.26	9.0	Lb
GLY40ADb	4.02	1/9	LBP	S	115V 60Hz ~1	RSCR	P	C	46	65	91	1.02	208	107	1.32	9.0	Lb
GLY50ADa	5.12	1/7	LBP	S	115V 60Hz ~1	RSIR	P	C	56	83	117	1.02	259	138	1.33	9.5	Lc
GLY50ADb	5.12	1/7	LBP	S	115V 60Hz ~1	RSCR	P	C	56	83	117	1.06	259	138	1.38	9.5	Lc

High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

R134a

HMBP | HBP

50 Hz

R134a compressors compatible with R12

HIGH EFFICIENCY

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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			
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	2.6	9.9	Lc	
GLY80RAa	8.10	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	159	275	681	2.17	819	700	2.5	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	
GLY90RAa	9.09	1/4	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	169	298	748	2.06	901	770	2.37	11.3	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	11.3	Lc	
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	
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	2.5	12.6	Pd	
GPY16RAa	16.15	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	287	512	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	287	512	1248	2.20	1490	1351	2.50	12.8	Pd	

R134a

HMBP | HBP

60 Hz

R134a compressors compatible with R12

HIGH EFFICIENCY

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C								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			
GLY80RDa	8.10	1/5	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	169	299	776	2.03	939	800	2.34	10.3	Lc	
GLY80RDb	8.10	1/5	HMBP	F	115V 60Hz ~1	CSR	R	C-V	169	299	776	2.18	939	800	2.51	10.5	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	
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	
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	
GPY16RDa	16.15	1/2	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	349	614	1519	1.89	1822	1560	2.17	12.8	Pd	
GPY16RDb	16.15	1/2	HMBP	F	115V 60Hz ~1	CSR	R	C-V	349	614	1519	2.01	1822	1560	2.31	12.8	Pd	

 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal /h

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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	5.8	Dc	
GD30AG	3.08	1/12	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	21	34	49	0.60	111	58	0.79	5.8	Dj	
GD36AA	3.62	1/12	LBP	S	220-240V 50Hz ~1	RSIR	P	C	28	43	61	0.76	136	72	0.99	5.9	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	Dj	
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	Ds	
GD40AA	4.06	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	34	50	70	0.77	155	82	1.00	6.7	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	
GLY35AAa	3.68	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	33	47	66	0.94	151	78	1.23	9.0	Lb	
GLY35AAb	3.68	1/10	LBP	S	220-240V 50Hz ~1	RSCR	P	C	32	47	67	0.99	153	79	1.29	9.0	Lb	
GLY40AAa	4.02	1/9	LBP	S	220-240V 50Hz ~1	RSIR	P	C	35	53	75	0.96	169	89	1.25	9.1	Lb	
GLY40AAb	4.02	1/9	LBP	S	220-240V 50Hz ~1	RSCR	P	C	36	54	76	1.00	171	90	1.31	9.1	Lb	
GLY45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	47	65	89	1.01	192	104	1.30	9.2	Lb	
GLY45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	48	66	90	1.05	193	105	1.36	9.2	Lb	
GL45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	37	57	81	0.81	184	96	1.06	8.3	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	8.3	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	9.0	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	9.0	Lb	
GL50AA	5.11	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	42	63	91	0.83	205	107	1.08	8.9	Lb	
GLY55AAa	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	53	78	108	1.03	238	127	1.33	9.2	Lb	
GLY55AAb	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	54	78	109	1.09	239	128	1.40	9.2	Lb	
GLY60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	85	119	1.03	255	139	1.34	9.3	Lb	
GLY60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSCR	P	C	58	86	120	1.10	256	140	1.42	9.3	Lb	
GL60AAa	5.46	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	50	75	107	0.85	239	126	1.10	9.1	Lb	
GL60AAb	5.46	1/6	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	50	75	107	0.85	239	126	1.10	9.1	Lb	
GL60AF	5.46	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	5.46	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	114	0.83	244	133	1.09	9.9	Lc	
GL60ANb	5.46	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	114	0.83	244	133	1.09	9.9	Lc	
GL60ANc	5.46	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	114	0.83	244	133	1.09	9.9	Lc	
GL60ANd	5.46	1/6	LBP	OC	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	114	0.83	244	133	1.09	10.0	Lc	
GLY70AAa	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	70	96	132	1.05	288	154	1.36	9.8	Lb	
GLY70AAb	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	71	97	133	1.12	289	155	1.44	9.8	Lb	
GL70AAa	5.98	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	86	121	0.87	268	142	1.12	9.6	Lc	
GL70ANa	5.98	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	95	129	0.83	278	151	1.08	10.1	Lc	
GL70ANb	5.98	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	129	0.83	278	151	1.08	10.1	Lc	
GL70ANc	5.98	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	129	0.83	278	151	1.08	10.1	Lc	
GL70ANd	5.98	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	96	129	0.83	278	151	1.08	10.4	Ld	
GLY75AAa	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	74	107	147	1.06	311	172	1.36	10.0	Lc	
GLY75AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	76	108	147	1.12	312	172	1.44	10.0	Lc	
GL75AA	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	95	132	0.91	296	155	1.18	9.9	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	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	102	144	0.89	326	170	1.15	9.9	Lc	

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 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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			
GL80AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	68	102	144	0.89	326	170	1.15	9.9	Lc	
GL80AF	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	75	107	148	0.83	331	174	1.09	10.5	Ld	
GL80ANa	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	75	107	148	0.83	331	174	1.09	10.6	Ld	
GL80ANb	7.38	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	75	107	148	0.83	331	174	1.09	10.6	Ld	
GL80ANc	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	75	107	148	0.83	331	174	1.09	10.6	Ld	
GL80ANd	7.38	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	76	107	148	0.83	331	174	1.09	10.7	Ld	
GLY90AAa	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	104	140	186	1.07	387	216	1.37	10.4	Ld	
GLY90AAb	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSCR	P	C	103	140	187	1.13	388	217	1.45	10.4	Ld	
GL90AAa	8.10	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	82	119	165	0.90	351	193	1.15	10.2	Lc	
GL90AAb	8.10	1/4	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	82	119	165	0.90	351	193	1.15	10.2	Lc	
GL90AF	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	85	118	163	0.84	366	191	1.10	10.8	Ld	
GL90ANa	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	85	118	163	0.84	366	191	1.10	10.8	Ld	
GL90ANb	8.10	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	85	118	163	0.84	366	191	1.10	10.8	Ld	
GL90ANc	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	85	118	163	0.84	366	191	1.10	10.8	Ld	
GL90ANd	8.10	1/4	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	85	118	163	0.84	366	191	1.10	10.9	Ld	
GL99AAa	9.09	1/4	LBP	S	220-240V 50Hz ~1	RSIR	P	C	83	125	175	0.92	377	205	1.19	11.0	Ld	
GL99AAb	9.09	1/4	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	83	125	175	0.92	377	205	1.19	11.0	Ld	
GL99AL	9.09	1/4	LBP	S	200-220/230V 50/60Hz ~1	RSCR	P	C	91	130	180	0.94	382	210	1.22	11.3	Ld	
GPM12BA	12.10	3/8	LBP	OC	220-240V 50Hz ~1	RSIR	R	C	128	178	241	0.94	500	280	1.21	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	11.5	Pc	
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	
GP12BB	12.05	1/3	LBP	OC	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	
GP14BB	14.17	3/8	LBP	OC	220-240V 50Hz ~1	RSIR	R	C	99	158	228	0.90	509	270	1.16	11.5	Pc	
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	
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	
GP14EB	14.17	3/8	LBP	OC	220-240V 50Hz ~1	CSIR	R	C-V	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	
GP16BB	16.15	3/8	LBP	OC	220-240V 50Hz ~1	RSIR	R	C	109	182	266	0.89	585	315	1.14	12.0	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	
GX18FB	18.40	3/7	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	123	199	291	0.91	660	345	1.18	15.1	Xc	
GX21FB	20.72	2/3	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	151	243	351	0.93	778	415	1.20	15.7	Xc	

 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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	5.8	Dj
GD36AD	3.62	1/12	LBP	S	115V 60Hz ~1	RSIR	P	C	30	47	68	0.65	150	80	0.85	6.1	Dj
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	Dj
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	Ds
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
GLY40ADa	4.02	1/9	LBP	S	115V 60Hz ~1	RSIR	P	C	46	65	91	0.97	208	107	1.26	9.0	Lb
GLY40ADb	4.02	1/9	LBP	S	115V 60Hz ~1	RSCR	P	C	46	65	91	1.02	208	107	1.32	9.0	Lb
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
GL45AF	4.56	1/8	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	42	65	94	0.76	215	111	0.99	9.0	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	9.0	Lb
GLY50ADa	5.12	1/7	LBP	S	115V 60Hz ~1	RSIR	P	C	56	83	117	1.02	259	138	1.33	9.5	Lc
GLY50ADb	5.12	1/7	LBP	S	115V 60Hz ~1	RSCR	P	C	56	83	117	1.06	259	138	1.38	9.5	Lc
GL60ADa	5.46	1/6	LBP	S	115V 60Hz ~1	RSIR	P	C	65	95	132	0.85	290	155	1.10	9.1	Lb
GL60ADb	5.46	1/6	LBP	S	115V 60Hz ~1	CSIR	R	C-V	65	95	132	0.85	290	155	1.10	9.1	Lb
GL60AF	5.46	1/6	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	66	95	131	0.81	287	154	1.05	9.1	Lb
GL60ANa	5.46	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	68	95	131	0.88	285	153	1.15	9.9	Lc
GL60ANb	5.46	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	68	95	131	0.88	285	153	1.15	9.9	Lc
GL60ANc	5.46	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	68	95	131	0.88	285	153	1.15	9.9	Lc
GL60And	5.46	1/6	LBP	OC	200-240/220-230V 50/60Hz ~1	RSIR	P	C	68	95	131	0.88	285	153	1.15	10.0	Lc
GL60BK	5.46	1/6	LBP	OC	115V 60Hz ~1	RSCR	P	C	66	95	132	0.84	290	155	1.10	10.0	Lc
GL70ADa	5.98	1/5	LBP	S	115V 60Hz ~1	RSIR	P	C	79	109	148	0.86	322	173	1.12	9.6	Lc
GL70ADb	5.98	1/5	LBP	S	115V 60Hz ~1	CSIR	R	C-V	79	109	148	0.86	322	173	1.12	9.6	Lb
GL70ANa	5.98	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	81	111	150	0.90	323	175	1.17	10.1	Lc
GL70ANb	5.98	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	81	111	150	0.90	323	175	1.17	10.1	Lc
GL70ANc	5.98	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	81	111	150	0.90	323	175	1.17	10.1	Lc
GL70And	5.98	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	80	110	150	0.90	323	175	1.17	10.4	Ld
GL80ADa	7.38	1/5	LBP	S	115V 60Hz ~1	RSIR	P	C	84	122	171	0.87	384	201	1.13	9.8	Lc
GL80ADb	7.38	1/5	LBP	S	115V 60Hz ~1	CSIR	R	C-V	84	122	171	0.87	384	201	1.13	9.8	Lc
GL80AF	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	87	124	172	0.92	385	202	1.19	10.5	Ld
GL80ANa	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	87	124	172	0.92	385	202	1.19	10.6	Ld
GL80ANb	7.38	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	87	124	172	0.92	385	202	1.19	10.6	Ld
GL80ANc	7.38	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	87	124	172	0.92	385	202	1.19	10.6	Ld
GL80And	7.38	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	87	124	172	0.92	385	202	1.19	10.7	Ld
GL80BK	7.38	1/5	LBP	OC	115V 60Hz ~1	RSCR	P	C	79	119	169	0.85	382	200	1.11	11.1	Ld
GL90ADa	8.10	1/4	LBP	S	115V 60Hz ~1	RSIR	P	C	97	138	191	0.88	421	224	1.14	10.5	Ld
GL90ADb	8.10	1/4	LBP	S	115V 60Hz ~1	CSIR	R	C-V	97	138	191	0.88	421	224	1.14	10.5	Ld
GL90AF	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	97	134	185	0.93	421	218	1.20	10.8	Ld
GL90ANa	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	97	134	185	0.93	421	218	1.20	10.8	Ld
GL90ANb	8.10	1/4	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	97	134	185	0.93	421	218	1.20	10.8	Ld
GL90ANc	8.10	1/4	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	97	134	185	0.93	421	218	1.20	10.8	Ld
GL90And	8.10	1/4	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	96	134	185	0.93	421	218	1.20	10.9	Ld

This table continues in the following page

R134a

LBP

60 Hz

R134a compressors compatible with R12

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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		-10		
		W	COP			Kcal/h	COP										
GL90BK	8.10	1/4	LBP	OC	115V 60Hz ~1	RSCR	P	C	96	140	193	0.90	410	226	1.17	11.1	Ld
GL99AD	9.09	1/4	LBP	OC	115V 60Hz ~1	RSIR	P	C	102	148	204	0.93	435	239	1.21	10.9	Ld
GL99ADb	9.09	1/4	LBP	S	115V 60Hz ~1	CSIR	R	C-V	102	148	205	0.89	439	240	1.15	10.8	Ld
GL99AL	9.09	1/4	LBP	S	200-220/230V 50/60Hz ~1	RSCR	P	C	103	148	204	0.93	435	239	1.21	11.3	Ld
GL99BL	9.09	1/4	LBP	OC	200-220/220-230V 50/60Hz ~1	RSCR	P	C	102	148	204	0.93	435	239	1.21	11.3	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
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

R134a

HMBP | HBP

50 Hz

R134a compressors compatible with R12

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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		
		W	COP			Kcal/h	COP										
GD24MBc	2.44	1/14	HBP	S	220-240V 50Hz ~1	CSIR	R	C-V		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	Dv
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	Dv
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	1.80	6.7	Dd
GD40MBb	4.06	1/8	HMBP	F	220-240V 50Hz ~1	RSIR	P	C	64	117	301	1.56	363	310	1.80	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	1.80	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	1.80	6.7	Dd
GL35TG	3.68	1/9	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	107	272	1.68	328	280	1.95	8.4	Lb
GL35MG	3.68	1/9	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		103	250	1.35	308	260	1.59	8.4	Lb
GL40TG	4.05	1/8	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	64	119	302	1.75	362	310	2.03	8.4	Lb
GL40MG	4.05	1/8	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		110	292	1.47	364	305	1.73	8.4	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	8.4	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
GL45MG	4.50	1/6	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		133	342	1.69	412	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	9.5	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

This table continues in the following page

 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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			
GL60MG	5.68	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		155	429	1.71	526	445	1.99	9.9	Lb	
GL60RG	5.68	1/5	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	95	170	437	2.03	528	450	2.33	9.9	Lc	
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	
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	
GL80TB	7.57	1/5	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	111	212	554	1.83	668	570	2.10	9.5	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	
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		220	579	1.80	709	600	2.11	10.1	Lb	
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	11.3	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	11.3	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	10.8	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		242	665	1.81	803	685	2.10	10.0	Ld	
GL90RG	8.85	1/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	143	259	661	2.02	796	680	2.33	10.9	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	
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	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	169	338	893	1.80	1077	920	2.06	11.2	Pc	
GP12TG	12.05	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	169	338	893	1.77	1077	920	2.02	11.2	Pc	
GP12RG	12.05	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	169	338	893	2.06	1077	920	2.35	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	
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	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	191	373	999	1.77	1209	1030	2.03	11.5	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	
GPY16RAa	16.15	3/8	HMBP	F	220-240V 50Hz ~1	CSIR	R	C-V	287	512	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	287	512	1248	2.20	1490	1351	2.50	12.8	Pd	
GP16TB	16.15	3/8	HBP	F	220-240V 50Hz ~1	CSIR	R	C-V		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		476	1205	1.82	1452	1240	2.09	12.9	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	16.0	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	16.1	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	20.6	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	
GS34TBb	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	

 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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			
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	Dj	
GD30MEb	3.08	1/10	HMBP	F	115V 60Hz ~1	RSIR	P	C	57	104	272	1.43	330	281	1.63	5.8	Dj	
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	Ds	
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	Ds	
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	
GL35TG	3.68	1/9	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	67	125	318	1.66	382	327	1.92	8.4	Lb	
GL35MG	3.68	1/9	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		120	293	1.52	362	305	1.77	8.4	Lb	
GL40TG	4.05	1/8	HMBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	74	139	353	1.73	424	363	2.00	8.4	Lb	
GL40MG	4.05	1/8	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		130	342	1.62	426	357	1.89	8.4	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	
GL45MG	4.50	1/6	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		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	
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	
GL60MG	5.68	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		185	501	1.74	615	520	2.02	9.9	Lb	
GL60RG	5.68	1/5	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	111	199	511	1.96	616	526	2.27	9.9	Lc	
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	
GLY80RDa	8.10	1/5	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	169	299	776	2.03	939	800	2.34	10.3	Lc	
GLY80RDb	8.10	1/5	HMBP	F	115V 60Hz ~1	CSR	R	C-V	169	299	776	2.18	939	800	2.51	10.5	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	
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	
GL80MG	7.57	1/5	HBP	S	230V 50/60Hz ~1	CSIR	R	C-V		276	677	1.86	830	702	2.15	10.1	Lb	
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	
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		300	775	1.84	940	800	2.11	10.0	Ld	
GL90RG	8.85	1/4	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	167	303	773	2.01	932	796	2.31	10.9	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	






This table continues in the following page

R134a

HMBP | HBP

60 Hz

R134a compressors compatible with R12

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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														
 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
GP12RG	12.05	3/8	HMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	198	395	1045	1.96	1260	1076	2.25	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
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	HMBP	F	115V 60Hz ~1	CSIR	R	C-V	349	614	1519	1.89	1822	1560	2.17	12.8	Pd
 GPY16RDb	16.15	1/2	HMBP	F	115V 60Hz ~1	CSR	R	C-V	349	614	1519	2.01	1822	1560	2.31	12.8	Pd
GP16TE	16.15	3/8	HBP	F	115V 60Hz ~1	CSIR	R	C-V		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		557	1409	1.74	1698	1450	2.01	12.9	Pd
GP16TG	16.15	3/8	HBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V		557	1409	1.75	1698	1450	2.00	12.9	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	16.1	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	20.6	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	COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C					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		
									GD24NBa	2.44	1/14	MBP	S		

R134a

MBP

60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C					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		
GD30NEa	3.08	1/10	MBP	S	115V 60Hz ~1	RSIR	P	C	57	85	137	175	241	5.8	Dj
GD40NEa	4.06	1/8	MBP	S	115V 60Hz ~1	RSIR	P	C	74	111	180	230	316	6.7	Dd

 High Efficiency Models

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal/h

R134a VHBP 50 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C					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	331	412	512	765	919	9.8	Lb
GP12YG	12.05	3/8	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	925	1155	1430	2115	2524	12.7	Pd
GP14YB	14.17	3/8	VHBP	S	220-240V 50Hz ~1	RSCR	P	C	977	1189	1454	2138	2599	13.5	Pd
GP16YB	16.15	1/2	VHBP	S	220-240V 50Hz ~1	RSCR	P	C	660	832	1035	1531	1825	12.8	Pd
GP16YGb	16.15	1/2	VHBP	S	230V 50/60Hz ~1	CSR	R	C-V	1053	1297	1593	2340	2791	12.9	Pd

R134a VHBP 60 Hz

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY °C					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	285	356	442	659	791	9.8	Lb
GP12YG	12.05	3/8	VHBP	S	230V 50/60Hz ~1	CSIR	R	C-V	791	986	1221	1710	2163	12.7	Pd
GP16YGb	16.15	1/2	VHBP	S	230V 50/60Hz ~1	CSR	R	C-V	1053	1297	1593	2340	2791	12.9	Pd

R134a LBP | MBP | HBP 12-42V DC

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	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								
									-30	-23,3	-15	-10	-5	5			10
GLT80TDC	8.1	-	LBP MBP HBP	F	12-24V DC	ECM	-	C-V	120	172	276	361	462	712	862	8.4	Lc
GD30FDC	3.0	-	LBP MBP HBP	S-F	12-42V DC	ECM	-	C-V	37	58	97	129	168	270	-	5.4	Db
GD30FDC Dual	3.0	-	LBP MBP HBP	S-F	12-42V DC	ECM	-	C-V	37	58	97	129	168	270	-	5.4	Db

R134a: W (A) x 1.05 = kcal/h (B)

R134a: W (C) x 0.94 = kcal/h (D)

W x 0.86 = kcal /h

Testing cycle conditions	CECOMAF		ASHRAE	
	LBP (A)	HMBP (C)	LBP (B)	HMBP (D)
Condensing temperature		55	55	55
Liquid temperature		55	32	46
Suction temperature		32	32	35
Ambient temperature		32	32	35

F	OC	S	C	V	P	R
Fan cooled	Oil cooler	Static	Capillar and tube	Expansion valve	PTC	Relay

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

