

# Compressor, R134A, GLY12RGA, 10,7cm<sup>3</sup>, HMBP, 230V, 3/8HP, CUBIGEL, HUAYI

written by Lilianne | 20 December 2021

Model	Displacement (cm <sup>3</sup> )	Refrigerant	Application	Compressor Cooling	Voltage/Frequency	Frequency (Hz)	Motor Type	Cooling (kCal/h)	COP (W/W)	Cooling (W)	COP (W/W)	Technical Data Sheet (*)	
	GL45MG	4,56	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	352	1,95	340	1,67	GL45MG
	GL45MG	4,56	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	412	1,92	398	1,65	GL45MG
	GL60MG	5,98	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	520	2,02	499	1,73	GL60MG
	GL60MG	5,98	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	445	1,99	427	1,70	GL60MG
	GL80MG	7,57	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	702	2,15	674	1,84	GL80MG
	GL80MG	7,57	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	600	2,10	576	1,78	GL80MG
	GL90MG	8,85	R134a	HBP	S	230V 50/60Hz ~1	50	CSIR	685	2,10	661	1,79	GL90MG
	GL90MG	8,85	R134a	HBP	S	230V 50/60Hz ~1	60	CSIR	800	2,11	772	1,83	GL90MG
✓	GLY12RAa	10,70	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	900	2,30	867	1,97	GLY12RAa
✓	GLY12RAb	10,70	R134a	HBP	F	220-240V 50Hz ~1	50	CSR	900	2,57	867	2,20	GLY12RAb
✓	GLY12RGa	10,70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	50	CSIR	900	2,19	867	1,87	GLY12RGa
✓	GLY12RGa	10,70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	60	CSIR	1.038	2,22	1.007	1,90	GLY12RGa
✓	GLY12RGb	10,70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	50	CSR	900	2,32	867	1,98	GLY12RGb
✓	GLY12RGb	10,70	R134a	HBP	F	200-220/220-230V 50/60Hz ~1	60	CSR	1.038	2,40	1.007	2,07	GLY12RGb
	GP14TB	14,17	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.030	2,03	998	1,76	GP14TB
	GP16TB	16,15	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.240	2,09	1.204	1,80	GP16TB
	GP16TE	16,15	R134a	HBP	F	115V 60Hz ~1	60	CSIR	1.450	1,96	1.408	1,69	GP16TE
	GP16TG	16,15	R134a	HBP	F	200-220/230V 50/60Hz ~1	50	CSIR	1.240	2,09	1.204	1,81	GP16TG
	GP16TG	16,15	R134a	HBP	F	200-220/230V 50/60Hz ~1	60	CSIR	1.450	2,00	1.408	1,74	GP16TG
✓	GPM16RA	16,15	R134a	HBP	F	220-240V 50Hz ~1	50	CSIR	1.351	2,09	1.317	1,79	GPM16RA

(\*) Under standard conditions

## Additional information

<b>Voltage (V)</b>	230Vac
<b>Frequency (hz)</b>	50
<b>Range</b>	MBP
<b>Displacement (cm3)</b>	10,7 cm <sup>3</sup>
<b>Cooling capacity (W)</b>	608W
<b>Conditions (°C)</b>	-10 / +45C
<b>Refrigerant</b>	R134A
<b>Suction line</b>	8.1mm juotettava
<b>Liquid line</b>	6,5mm juotettava

<b>Height (mm)</b>	198mm
<b>Weight (kg)</b>	10,43kg
<b>Oil</b>	ISO VG 32 Ester

## Technical data

- Model: **GLY12RAa**
- Refrigerant Gas: **R-134a**
- Pression/temperature: **HBP**
- Power: **3/8 HP**
- Voltage: **230 V**
- Current Type: **Single-Phase**
- Frequency: **50 Hz**
- Compressor Type: **Hermetic**
- Displacement: **10.7 cm<sup>3</sup>**
- Power Cons. -10°C: **293 W**
- Power Cons. -5°C: **322 W**
- Efficiency 0°C: **351 W**
- Power Cons. +5°C: **380 W**
- Power Cons. +7,2°C: **392 W**
- T° Condensation: **40 °C**
- Cooling Cap. -15°C: **408 Kcal/h**
- Cooling Cap. -10°C: **512 Kcal/h**
- Cooling Cap. -5°C: **642 Kcal/h**
- Cooling Cap. 0°C: **797 Kcal/h**
- Cooling Cap. 5°C: **977 Kcal/h**
- Cooling Cap. 7.2°C: **1065 Kcal/h**
- Cooling Cap. 10°C: **1184 Kcal/h**
- Test Type: **Ashare 46**

Mbsm\_dot\_pro\_private\_PDF\_pdf-GLY12RAaTélécharger

Model	Displacement (cm <sup>3</sup> )	Refrigerant	Application	Compressor Cooling	Voltage/Frequency	Frequency (Hz)	Motor Type	ASHRAE (*)		CECOMAF (*)		T <sub>cond</sub> (°C)
								Cooling (kCal/h)	COP (W/W)	Cooling (W)	COP (W/W)	
GL45MG	4.56	R134a	HBP	S	230V 50/60Hz -1	50	CSIR	352	1.05	340	1.07	GI
GL45MG	4.56	R134a	HBP	S	230V 50/60Hz -1	60	CSIR	412	1.02	398	1.05	GI
GL60MG	5.98	R134a	HBP	S	230V 50/60Hz -1	60	CSIR	520	2.02	499	1.73	GI
GL60MG	5.98	R134a	HBP	S	230V 50/60Hz -1	50	CSIR	445	1.09	427	1.70	GI
GL80MG	7.57	R134a	HBP	S	230V 50/60Hz -1	60	CSIR	702	2.15	674	1.84	GI
GL80MG	7.57	R134a	HBP	S	230V 50/60Hz -1	50	CSIR	600	2.10	576	1.78	GI
GL90MG	8.85	R134a	HBP	S	230V 50/60Hz -1	60	CSIR	685	2.10	661	1.79	GI
GL90MG	8.85	R134a	HBP	S	230V 50/60Hz -1	60	CSIR	800	2.11	772	1.83	GI
GLY12RAa	10.70	R134a	HBP	F	220-240V 50Hz -1	50	CSIR	900	2.30	887	1.97	GL*
GLY12RAb	10.70	R134a	HBP	F	220-240V 50Hz -1	50	CSR	900	2.57	887	2.20	GL*
GLY12RGa	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz -1	50	CSIR	900	2.19	887	1.87	GL*
GLY12RGa	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz -1	60	CSIR	1.038	2.22	1.007	1.90	GL*
GLY12RGb	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz -1	50	CSR	900	2.32	887	1.88	GL*
GLY12RGb	10.70	R134a	HBP	F	200-220/220-230V 50/60Hz -1	60	CSR	1.038	2.40	1.007	2.07	GL*
GP14TB	14.17	R134a	HBP	F	220-240V 50Hz -1	50	CSIR	1.030	2.03	998	1.76	GI
GP16TB	16.15	R134a	HBP	F	220-240V 50Hz -1	50	CSIR	1.240	2.09	1.204	1.80	GI
GP16TE	16.15	R134a	HBP	F	115V 60Hz -1	60	CSIR	1.450	1.98	1.408	1.89	GI
GP16TG	16.15	R134a	HBP	F	200-220/230V 50/60Hz -1	50	CSIR	1.240	2.09	1.204	1.81	GI
GP16TG	16.15	R134a	HBP	F	200-220/230V 50/60Hz -1	60	CSIR	1.450	2.00	1.408	1.74	GI
GPM16RA	16.15	R134a	HBP	F	220-240V 50Hz -1	50	CSIR	1.351	2.09	1.317	1.79	GP



Private Picture Copyright: WWW.MBSM.PRO



Private Picture Copyright: WWW.MBSM.PRO