



**TECHNICAL DATA SHEET**

**GL90AA VE02**

Back

220-240V 50Hz ~1

Compressor		
Displacement	cm <sup>3</sup>	9.08
Diameter	mm	24.29
Stroke	mm	19.62
Net Weight	Kg	10.2
Oil type		ISO VG 19 ESTER
Oil charge	cm <sup>3</sup>	345

Application		
Application		Low back pressure
Refrigerant		R134a
Evaporating	°C	-35 a -10
Expansion		Capillar
Comp. cooling		Static
Max. ambient temp.	°C	43

Motor		
Approximate Power	CV	1/4
Voltage/Frequency	V/Hz	220V 50Hz
Voltage range	V	187-264
Code		63,010
Type		RSIR
Phase number		1 PH
Locked rotor current	A	12.8
Main W. resist. at 25°C	Ω	9.18
Start W. resist. at 25°C	Ω	22.84

Nominal Performance	CYCLE A		CYCLE B	
Cooling capacity	W	165	224	
Cooling capacity	kcal/h	142	193	
Input power	W	184	195	
EER	kcal/(W. h)	0.77	0.99	
COP	W/W	0.90	1.14	
Current	A	1.22	1.26	
<b>Test conditions:</b>				
Evaporating temp.	°C	-25	-23.3	
Condensing temp.	°C	55	55	
Liq.t. entering expan.	°C	55	32	
Ambient t. and return	°C	32	32	
Tens/Freq	V/Hz	220V 50Hz	220V 50Hz	

Electrical components					
Relay		3003			
Nominal voltage	V	200 - 240			
Resistance	Ω	14,00			
Protector		MRP304LZ	T0490	AF11FU	4TM319NFBYY
Current	A	9.4	9.4	9.4	12
Time check	seg	7.5-14	7.5-14	7.5-14	5-15
Disc temp. (Open/Close)	°C	120/61	130/62	120/62	120/61

**Dimensions and Electrical Diagram**

Designation	Interior Diam. (mm)
1 Suction	6,5
2 Service	6,5
3 Discharge	4,9

RSIR

DOC 020528