



**TECHNICAL DATA SHEET**

**GL90TB VE04**

Back

220-240V 50Hz ~1

Compressor		
Displacement	cm <sup>3</sup>	8.85
Diameter	mm	25.4
Stroke	mm	17.47
Net Weight	Kg	10.8
Oil type		ISO VG 22 ESTER
Oil charge	cm <sup>3</sup>	300

Application		
Application		High/Mid. back pressure
Refrigerant		R134a
Evaporating	°C	-25 a 10
Expansion		Capillar/Valve
Comp. cooling		Fan cooled
Max. ambient temp.	°C	43

Motor		
Approximate Power	CV	1/4
Voltage/Frequency	V/Hz	220V 50Hz
Voltage range	V	187-264
Code		63,110
Type		CSIR
Phase number		1 PH
Locked rotor current	A	12.0
Main W. resist. at 25°C	Ω	7.49
Start W. resist. at 25°C	Ω	32.83

Nominal Performance		CYCLE C	CYCLE D
Cooling capacity	W	661	791
Cooling capacity	kcal/h	568	680
Input power	W	346	360
EER	kcal/(W. h)	1.64	1.89
COP	W/W	1.91	2.20
Current	A	2.04	2.10
<b>Test conditions:</b>			
Evaporating temp.	°C	5	7.2
Condensing temp.	°C	55	55
Liq.t. entering expan.	°C	55	46
Ambient t. and return	°C	32	35
Tens/Freq	V/Hz	220V 50Hz	220V 50Hz

Electrical components			
Relay		9660 A 138	MTRP 43
Pick-Up	A	6,20	6,10
Drop-Out	A	5,25	5,20
Protector		MRP56AMK	T0057 AE39FHY
Current	A	9.4	8.5 9
Time check	seg	7.5-14	7.5-14
Disc temp. (Open/Close)	°C	105/61	105/61
Starting capacitor	µF/V	47- 56/330	

**Dimensions and Electrical Diagram**

Designation	Interior Diam. (mm)
1 Suction/Service	6,5
2 Service/Suction	6.5
3 Discharge	4.9

**CSIR**

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