

Compressor Technical Data

Model **EGM50AF** Code **503500313016**

LBP

General Data

Refrigerant:	R134a
Application:	LBP
Evaporating Temperature Range:	-30°C to -10°C
Voltage/Frequency:	220-240V 50Hz 1~
Compressor Cooling:	Static
Expansion Device:	Capillary Tube
Packaging Quantity:	Multi - 96:120 pcs
Approvals:	CE-VDE-GOST



Mechanical Data

Oil Charge:	270 cm ³
Oil Type Configuration:	ester
Oil Type Viscosity:	19 cSt
Weight:	8.4 kg

Electrical Data

Motor Type:	RSIR
Voltage working range at 50 Hz:	187-264V
Maximum Motor Temperature:	130°C
Locked Rotor Current:	10.24 / 5.22 A
Start Winding Resistance:	22.20 Ω at 25°C
Run Winding Resistance:	20.40 Ω at 25°C
Phase :	1 ph

External Characteristics

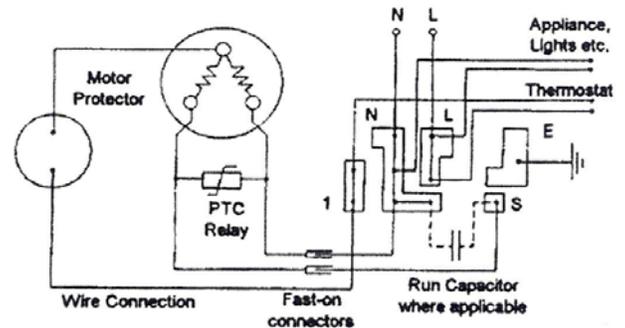
Internal Diameter	(mm)
Suction Connector	6.5
Discharge Connector	4.9
Process Connector	6.5
Material	Copper

Electrical Components

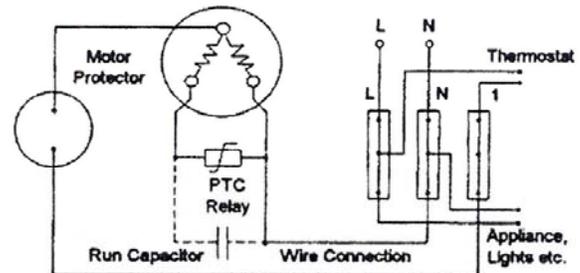
Component Type	
Starting Device:	PTC 14 Ω
Motor Protection:	T0500/xx

MCMC compressors reserves the right to change the data without prior notice

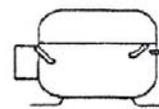
Circuit Diagram for Mod 90 Terminal Board



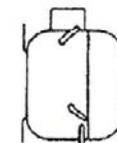
Circuit Diagram for U.H. Terminal Board



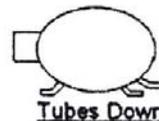
Recommended Transport Positions when fitted into appliances



Upright



Electrics Up



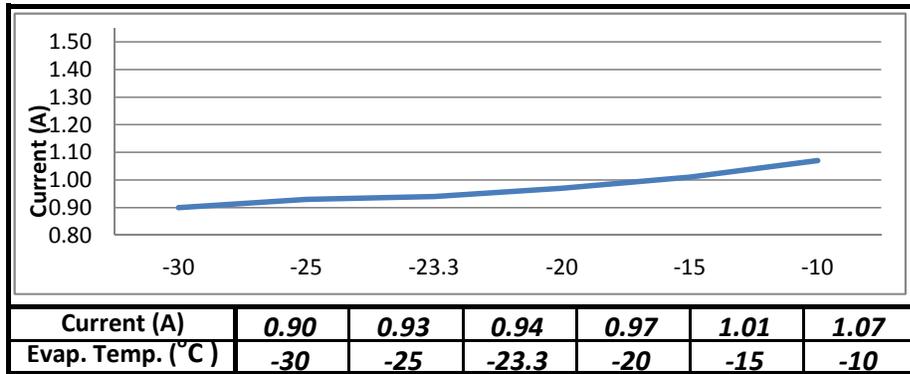
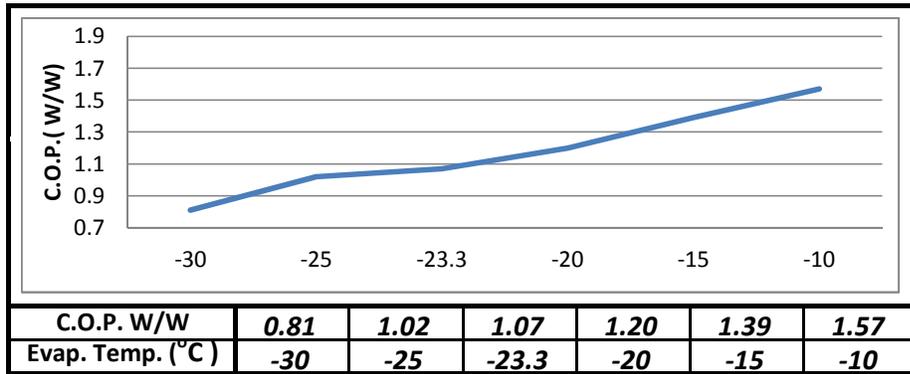
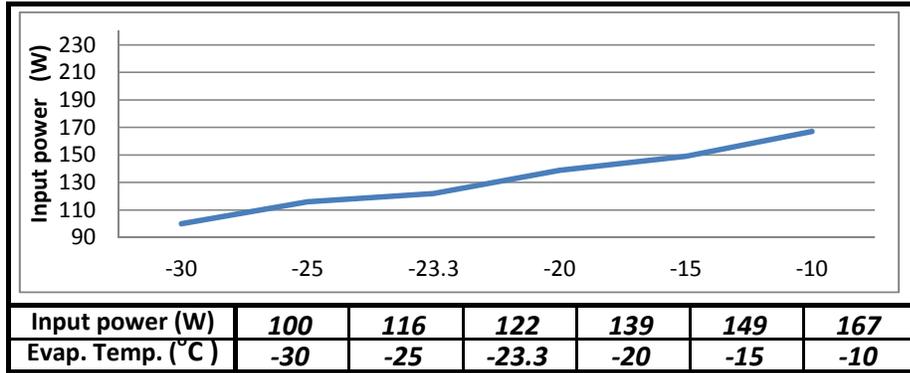
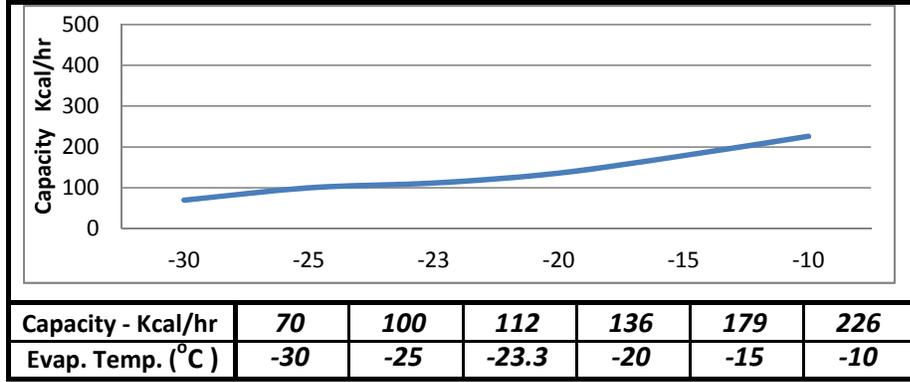
Tubes Down

10th of Ramadan City - (Cairo) Egypt
Industrial Zone A-2
P.o Box : 1001 (10th of Ramadan)
Tel. : 0554 - 413322 (10 lines)
Fax. : 0554 - 413161 - 413029
Web site : <http://www.zmcegypt.com>



العاشر من رمضان
المنطقة الصناعية أ - ٢
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فاكس : ٤١٣١٦١ - ٤١٣٠٢٩ - ٠٥٥٤

PERFORMANCE CURVE DATA :



Test Condition: Ashrae, Static, Return Gas 32°C Subcooling OK, Evaporating: 23.3°C, Condensing: 55°C , Ambient: 32°C

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GM, GN and GL models

HL and HP models

Standard dimensions for mounting hole centres: 170x70 mm

Special feet

Models	Distance between holes	Holes diameter
GM/GN/HL/HP/GP	165 x 101.6	4 x 19
	170 x 70	6 x 165

Material	Tube internal diameter "GM", "GN", "GL", "HL"			"HP" and "GP"		
	Suction	Service	Discharge	Suction	Service	Discharge
Copper steel / copper	6.1	6.1	4.9			
Copper	6.1	6.1	5.1			
Copper	6.5	6.5	4.9			
Copper	8.1	8.1	6.5			

Mounting accessories

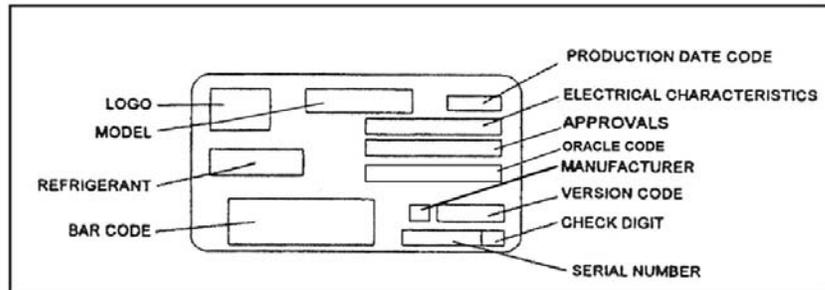
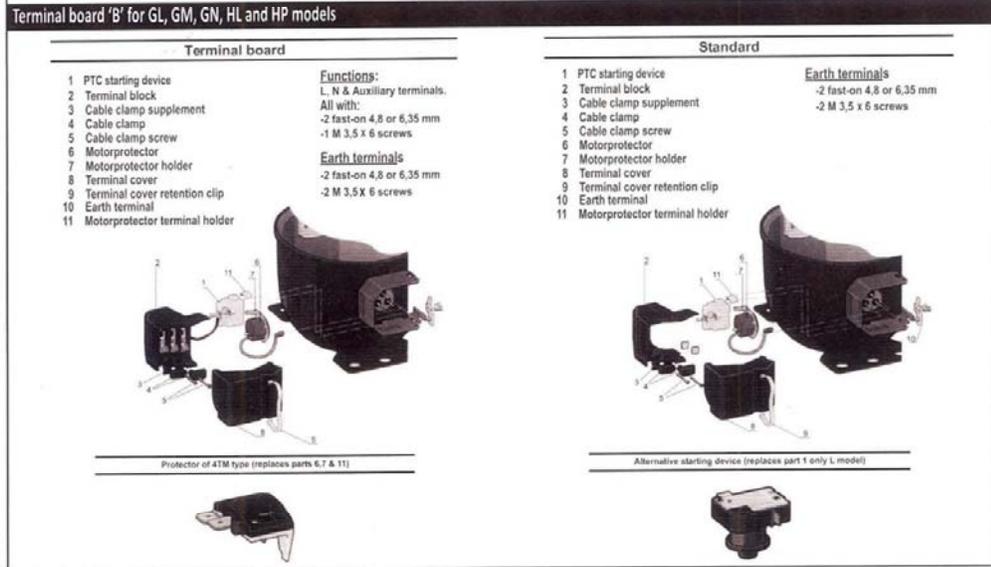
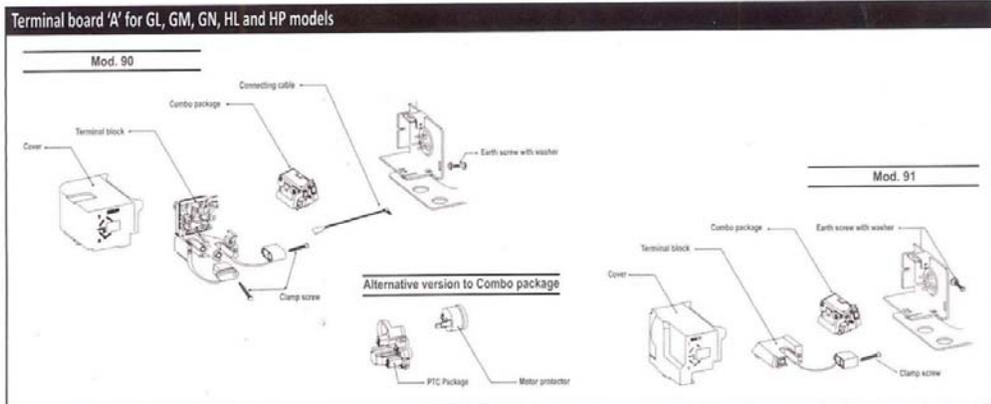
Standard

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