

Compressor Technical Data

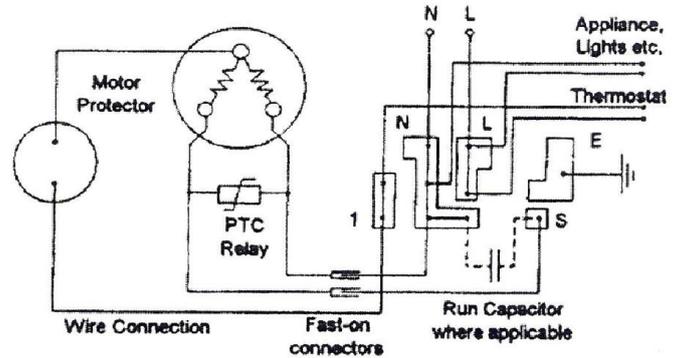
Model **GL90AD** Code **440040355616**

LBP

General Data

Refrigerant: R134a
 Application: LBP
 Evaporating Temperature Range: -30°C to -10°C
 Voltage/Frequency: 115V-60Hz 1~
 Compressor Cooling: Static
 Expansion Device: Capillary Tube
 Packaging Quantity: Multi - 96:120 pcs
 Approvals:

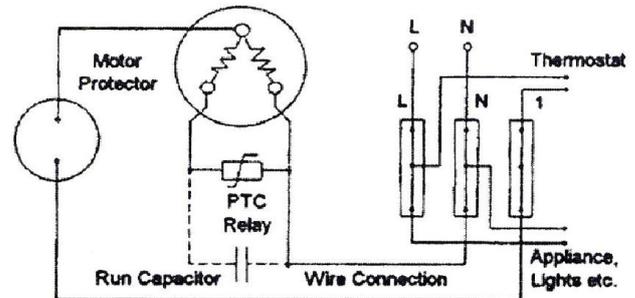
Circuit Diagram for Mod.90 Terminal Board



Mechanical Data

Oil Charge: 445 cm3
 Oil Type Configuration: ester
 Oil Type Viscosity: 19 cSt
 Weight: 10.50 kg

Circuit Diagram for U.H. Terminal Board



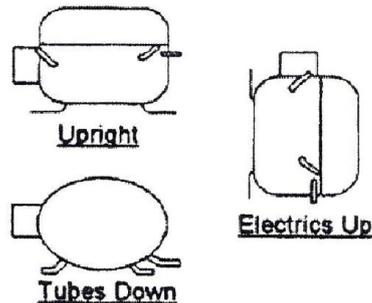
Electrical Data

Motor Type: RSIR
 Voltage working range at 60 Hz: 92-127V
 Maximum Motor Temperature: 130°C
 Locked Rotor Current: 32.6 / 26.7 A
 Start Winding Resistance: 3.80 Ω at 25°C
 Run Winding Resistance: 1.50 Ω at 25°C
 Phase : 1 ph

Recommended Transport
 Positions when fitted into
 appliances

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 4.7Ω
 Motor Protection: T0216/xx

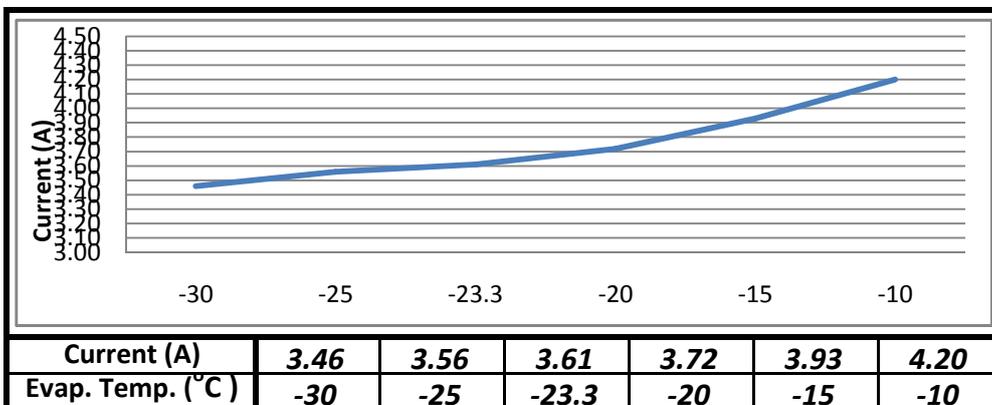
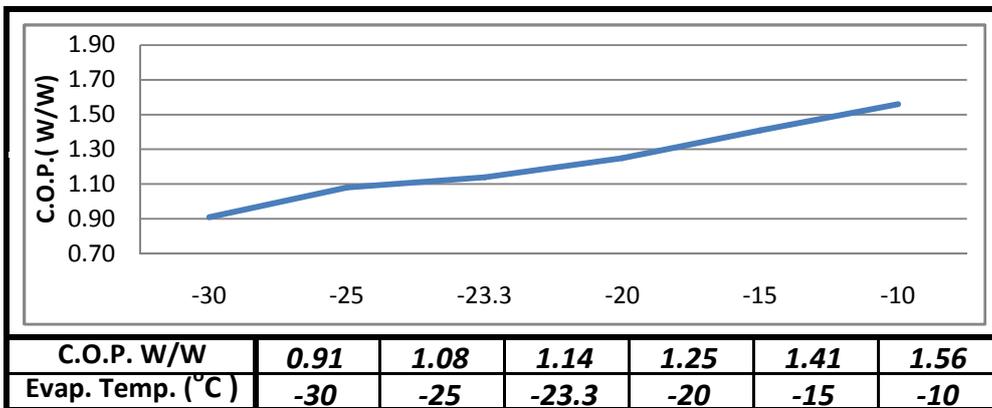
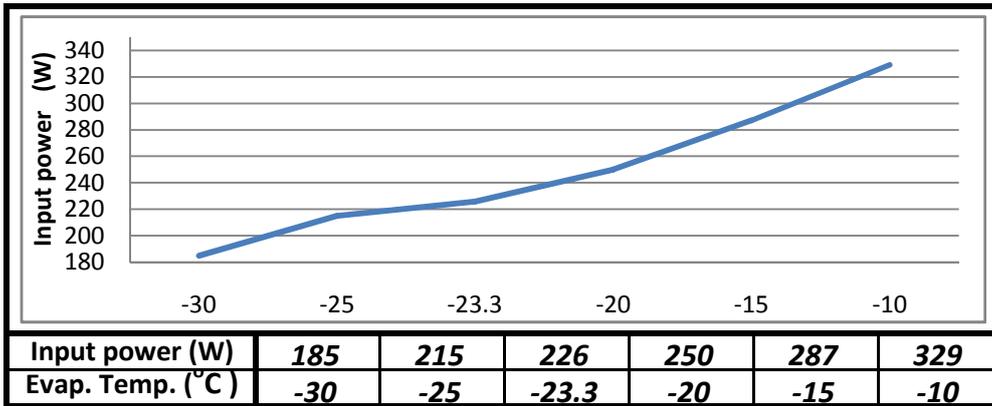
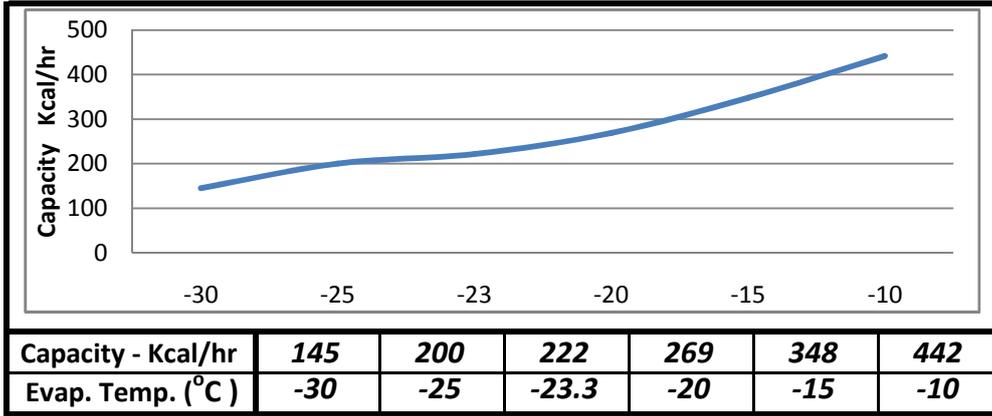
MCMC compressors reserves the right to change the data without prior notice

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



العاشر من رمضان
 المنطقة الصناعية أ - ٢
 ص.ب : ١٠٠١ العاشر من رمضان
 تليفون : ٤١٣٣٢٢ - ٠٥٥٤ (١٠ خطوط)
 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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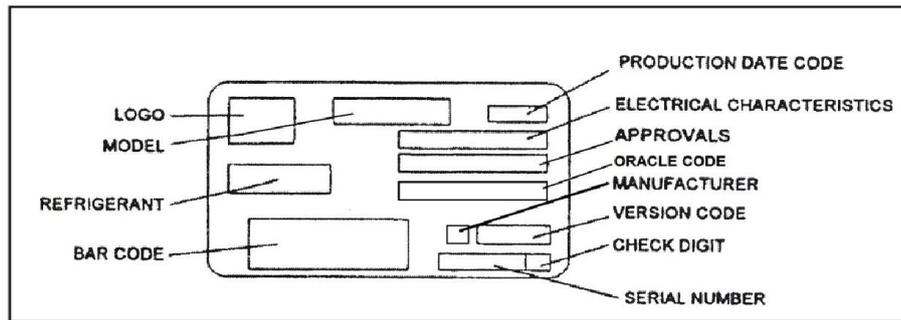
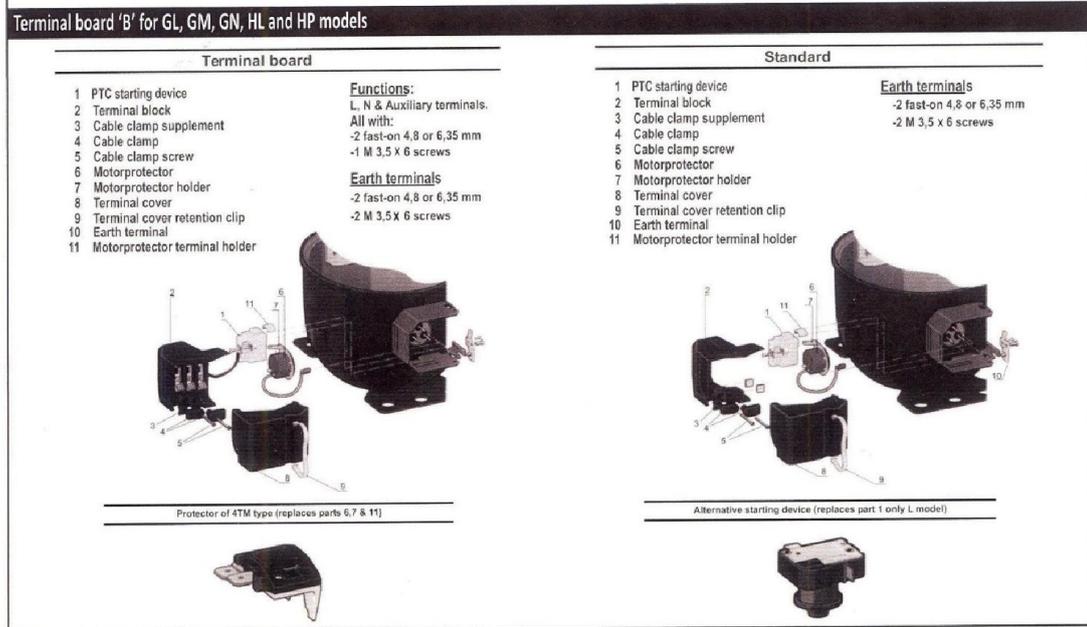
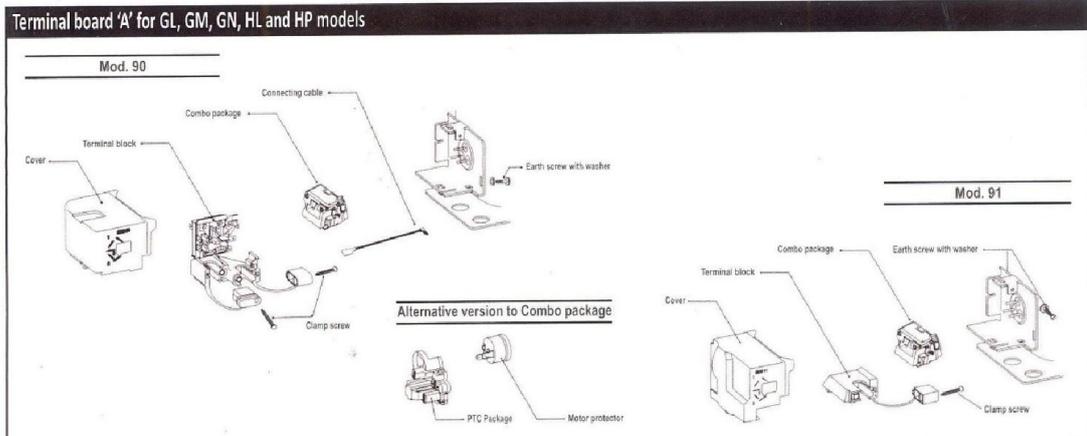
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GM, GN and GL models		HL and HP models	
Standard dimensions for mounting hole centres: 170x70 mm			
<i>Special feet</i>			
Models	Distance between holes	Holes diameter	
GM/GN/HL/HP/GP	165 x 101.6	4 x 19	
	170 x 70	6 x 165	
Tube internal diameter "GM", "GN", "GL", "HL"		"HP" and "GP"	
Material	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		Standard	





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