

Compressor Technical Data

Model **EGM35AF** Code **500540314416**

LBP

General Data

Refrigerant:	R134a
Application:	LBP
Evaporating Temperature Range:	-30°C to -10°C
Voltage/Frequency:	220-240V 50/60Hz 1~
Compressor Cooling:	Static
Expansion Device:	Capillary Tube
Packaging Quantity:	Multi - 96:120 pcs
Approvals:	CE-GOST



Mechanical Data

Oil Charge:	130 cm3
Oil Type Configuration:	ester
Oil Type Viscosity:	19 cSt
Weight:	4.5 kg

Electrical Data

Motor Type:	RSIR
Voltage working range at 50 Hz:	187-240V
Maximum Motor Temperature:	130°C
Locked Rotor Current:	5.5A
Start Winding Resistance:	21.5 Ω at 25°C
Run Winding Resistance:	41.00 Ω at 25°C
Phase :	1 ph

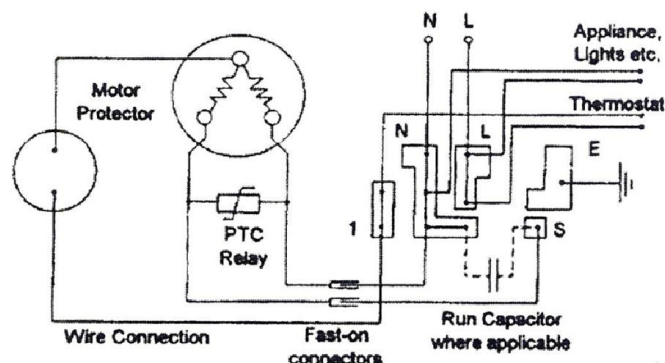
External Characteristics

Internal Diameter	(mm)
Suction Connector	6.55
Discharge Connector	4.9
Process Connector	6.55
Material	Copper

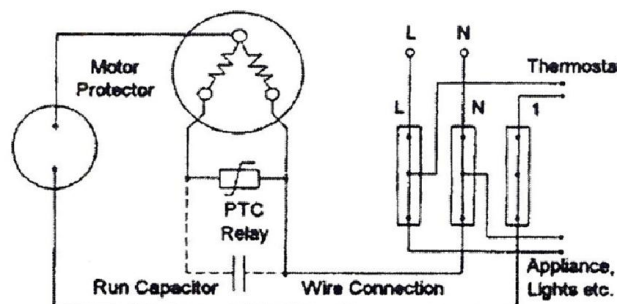
Electrical Components

Component Type	
Starting Device:	PTC 15 Ω
Motor Protection:	BB55-125

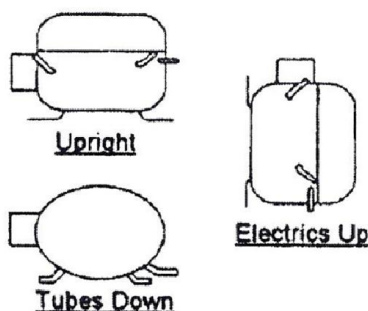
Circuit Diagram for Mod.90 Terminal Board



Circuit Diagram for U.H. Terminal Board

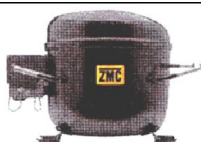


Recommended Transport Positions when fitted into appliances

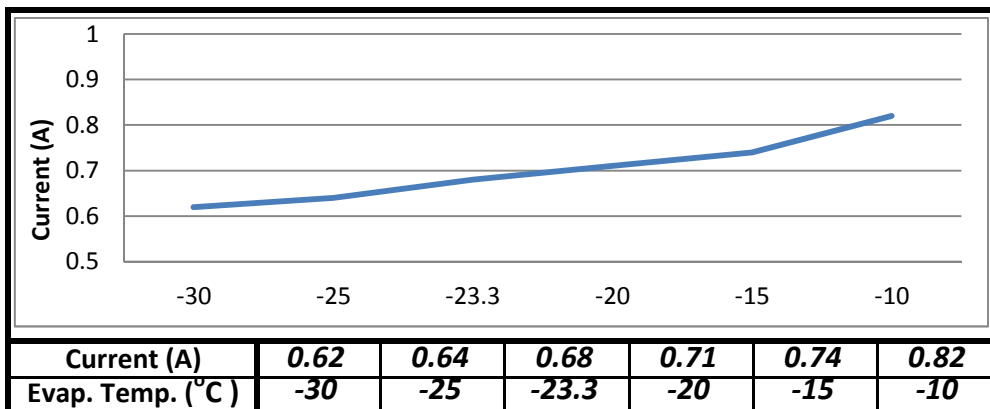
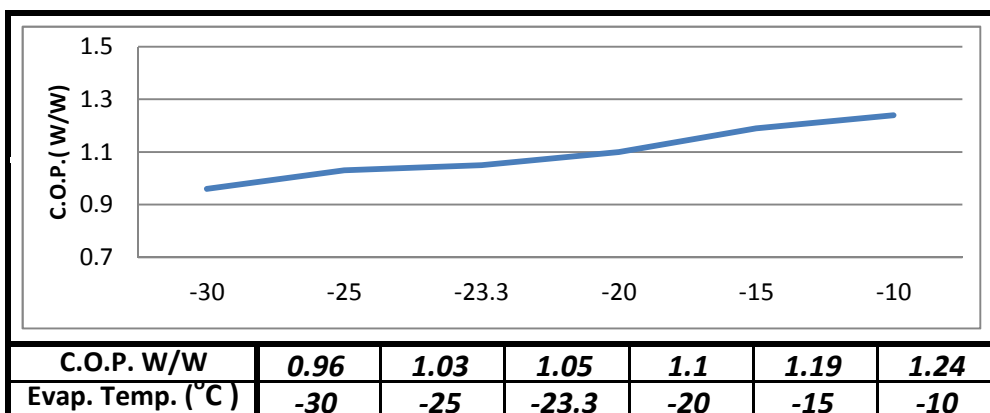
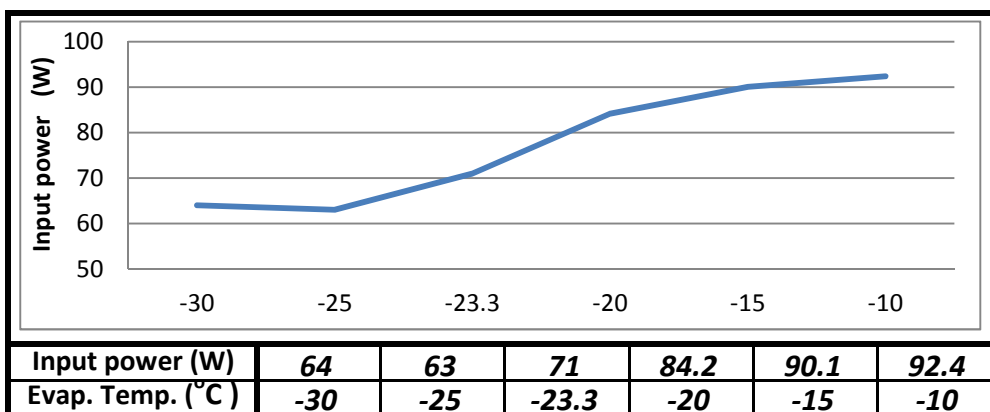
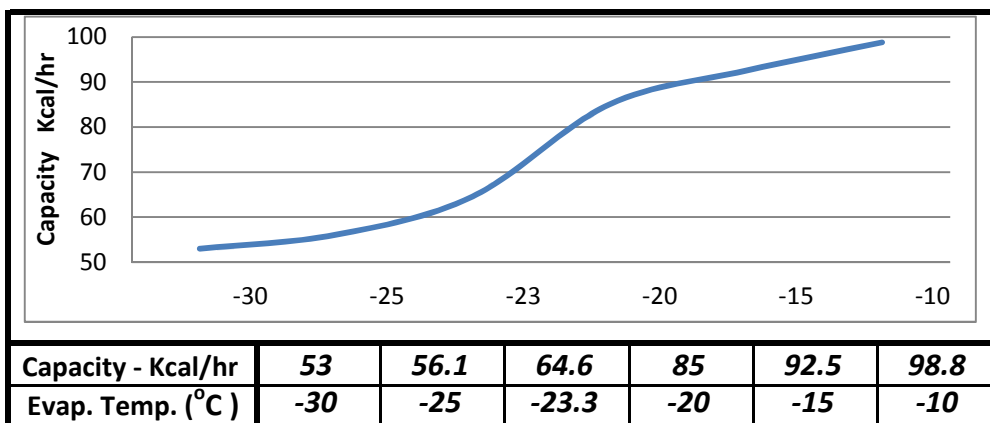


MCMC compressors reserves the right to change the data without prior notice

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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>



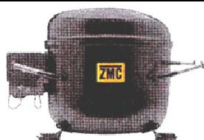
العاشر من رمضان
المنطقة الصناعية أ - ٢
ص.ب: ١٠٠١ العاشر من رمضان
تليفون : ٠٥٥٤ - ٤١٣٣٢٢ (١٠ خطوط)
فاكس : ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

PERFORMANCE CURVE DATA :

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

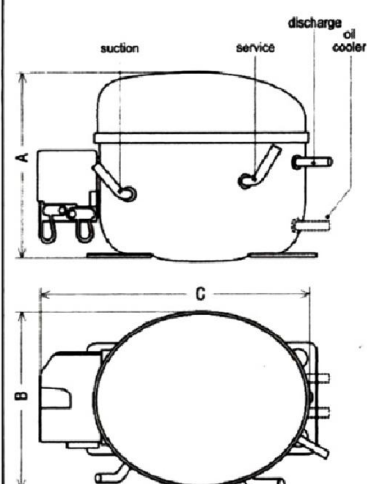
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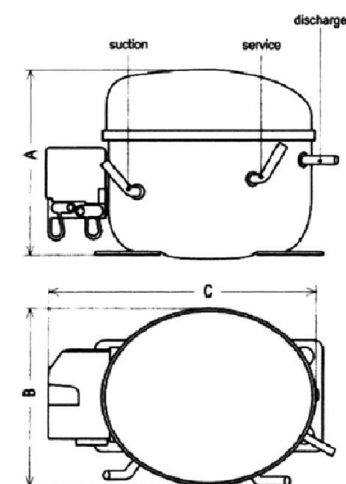


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GM, GN and GL models



HL and HP models



Standard dimensions for mounting hole centres: 170x70 mm

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

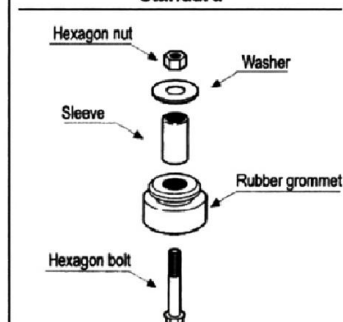
Tube internal diameter "GM", "GN", "GL", "HL"

"HP" and "GP"

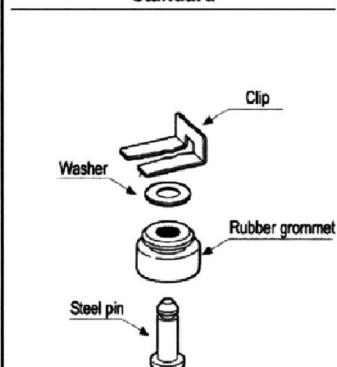
Material	Suction	Service	Discharge
Copper steel / copper	6.1	6.1	4.9
Copper	6.1	6.1	5.1
Copper	6.5	6.5	4.9
Copper	8.1	8.1	6.5

Mounting accessories

Standard



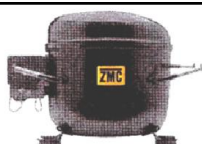
Standard

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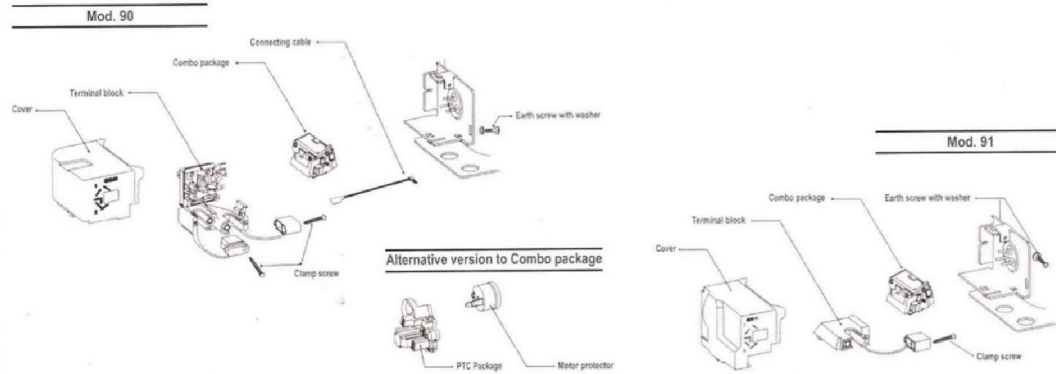
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Terminal board 'A' for GL, GM, GN, HL and HP models



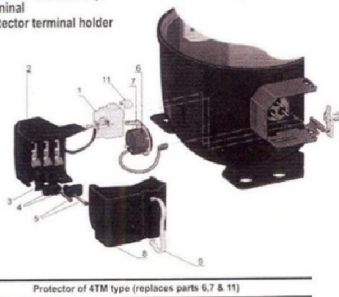
Terminal board 'B' for GL, GM, GN, HL and HP models

Terminal board

- 1 PTC starting device
- 2 Terminal block
- 3 Cable clamp supplement
- 4 Cable clamp
- 5 Cable clamp screw
- 6 Motorprotector
- 7 Motorprotector holder
- 8 Terminal cover
- 9 Terminal cover retention clip
- 10 Earth terminal
- 11 Motorprotector terminal holder

Functions:
L, N & Auxiliary terminals.
All with:
-2 fast-on 4,8 or 6,35 mm
-1 M 3,5 x 6 screws

Earth terminals
-2 fast-on 4,8 or 6,35 mm
-2 M 3,5 x 6 screws

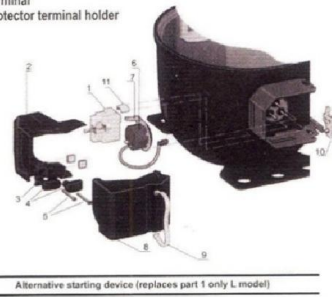


Protector of 4TM type (replaces parts 6,7 & 11)

Standard

- 1 PTC starting device
- 2 Terminal block
- 3 Cable clamp supplement
- 4 Cable clamp
- 5 Cable clamp screw
- 6 Motorprotector
- 7 Motorprotector holder
- 8 Terminal cover
- 9 Terminal cover retention clip
- 10 Earth terminal
- 11 Motorprotector terminal holder

Earth terminals
-2 fast-on 4,8 or 6,35 mm
-2 M 3,5 x 6 screws



Alternative starting device (replaces part 1 only L model)

