

Compressor Technical Data

Model **EGM77AF** Code **507040316716**

LBP

General Data

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



Mechanical Data

Oil Charge: 180 cm3
 Oil Type Configuration: ester
 Oil Type Viscosity: 19 cSt
 Weight: 7.82 kg

Electrical Data

Motor Type: RSIR/CSIR
 Voltage working range at 50 Hz: 187-264V
 Maximum Motor Temperature: 130°C
 Locked Rotor Current: 6.78 A
 Start Winding Resistance: 11.60 $\pm 5\%$ Ω at 25°C
 Run Winding Resistance: 11.00 $\pm 5\%$ Ω at 25°C
 Phase : 1 ph

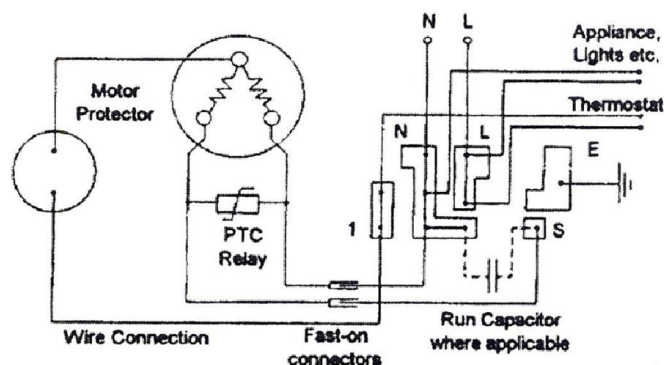
External Characteristics

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

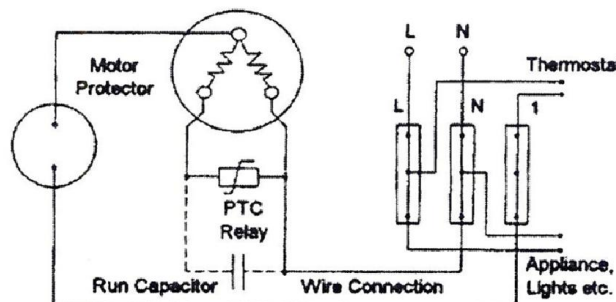
Electrical Components

Component Type
 Starting Device: QP2-15 Ω
 Motor Protection: DRB25P61A1

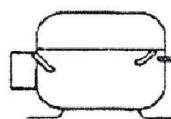
Circuit Diagram for Mod.90 Terminal Board



Circuit Diagram for U.H. Terminal Board



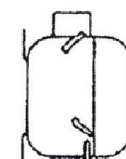
Recommended Transport
Positions when fitted into
appliances



Upright



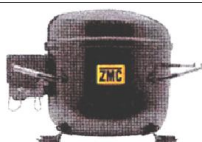
Tubes Down



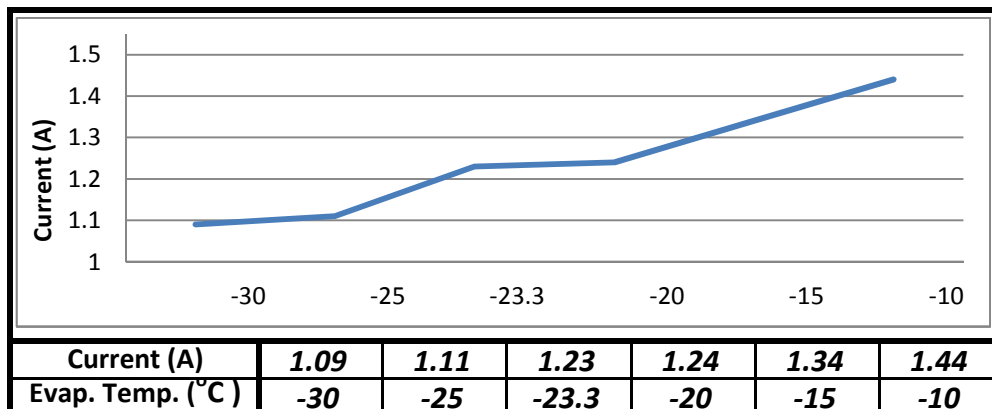
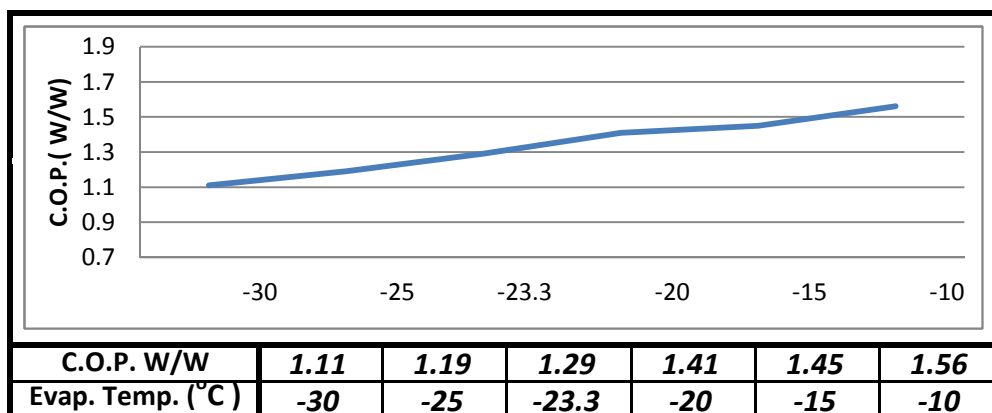
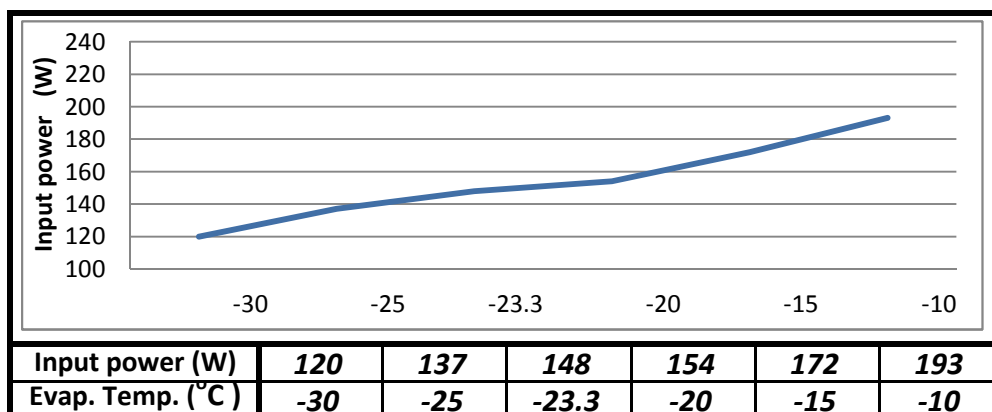
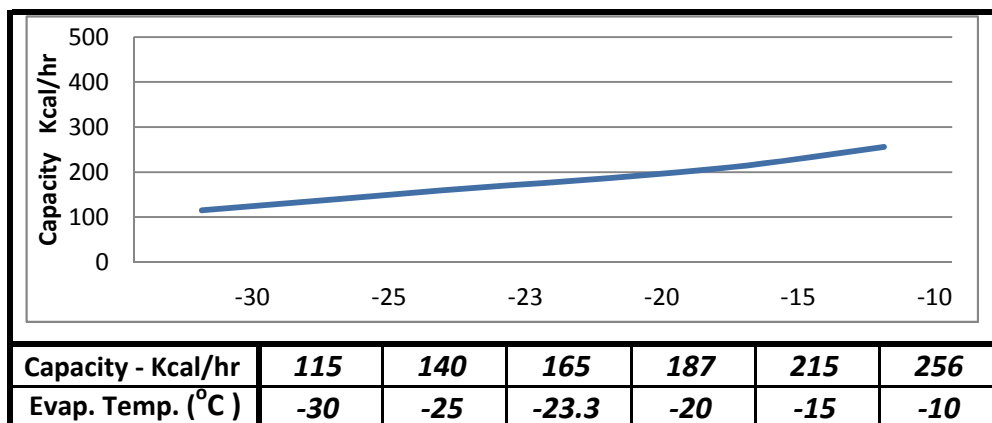
Electrics Up

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

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

PERFORMANCE CURVE DATA :

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

10th of Ramadan City - (Cairo) Egypt

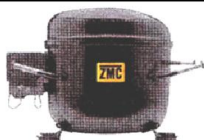
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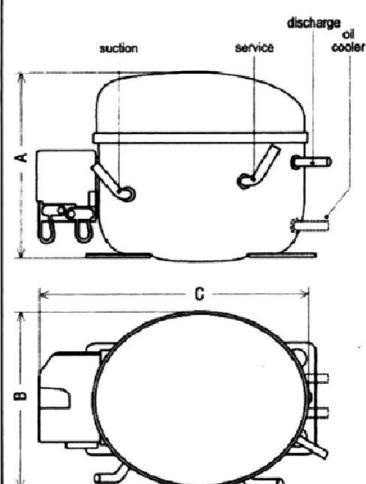
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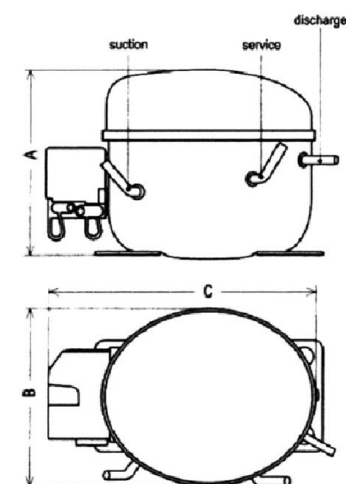


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GM, GN and GL models



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

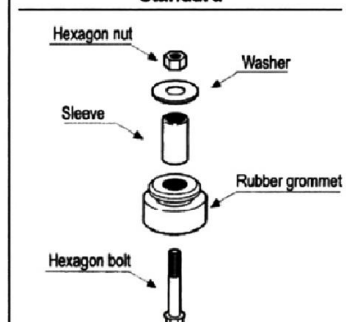
Tube internal diameter "GM", "GN", "GL", "HL"

"HP" and "GP"

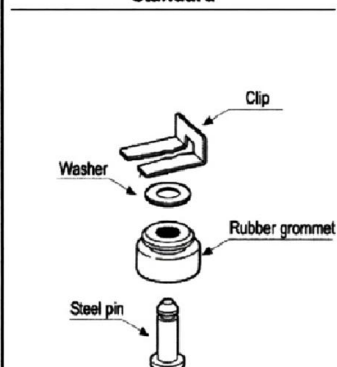
Material	Suction	Service	Discharge
Copper steel / copper	6.1	6.1	4.9
Copper	6.1	6.1	5.1
Copper	6.5	6.5	4.9
Copper	8.1	8.1	6.5

Mounting accessories

Standard



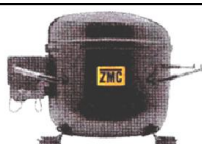
Standard

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