

Compressor Technical Data

Model **HL90AH** Code **084020391816**

LBP

General Data

Refrigerant: R600a
 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: 280cm³
 Oil Type Configuration: Mineral
 Oil Type Viscosity: 15 cSt
 Weight: 9.4 kg

Electrical Data

Motor Type: RSCR
 Voltage working range at 50 Hz: 187-264V
 Maximum Motor Temperature: 130°C
 Locked Rotor Current: 9.0 / 4.3 A
 Start Winding Resistance: 25.50 Ω at 25°C
 Run Winding Resistance: 18.70 Ω at 25°C
 Phase : 1 ph

External Characteristics

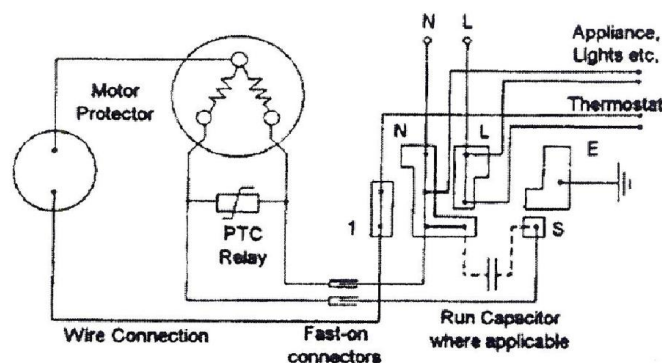
Internal Diameter (mm)
 Suction Connector 6.5
 Discharge Connector 4.9
 Process Connector 6.5
 Material Copper

Electrical Components

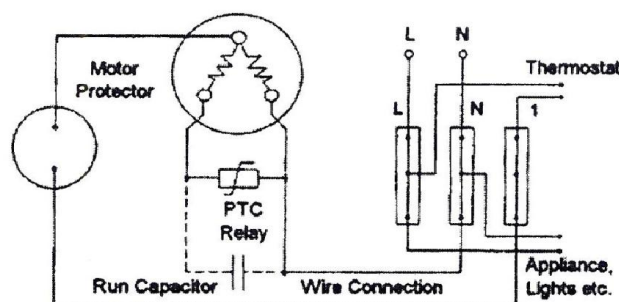
Component Type
 Starting Device: PTC 14 Ω
 Motor Protection: T0505/xx
 3 μ F

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

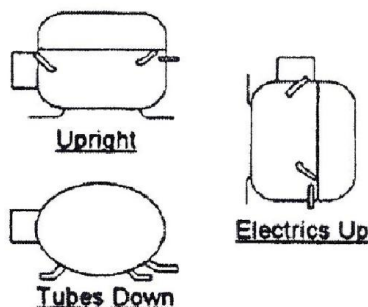
Circuit Diagram for Mod.90 Terminal Board



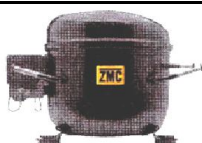
Circuit Diagram for U.H. Terminal Board



Recommended Transport Positions when fitted into appliances

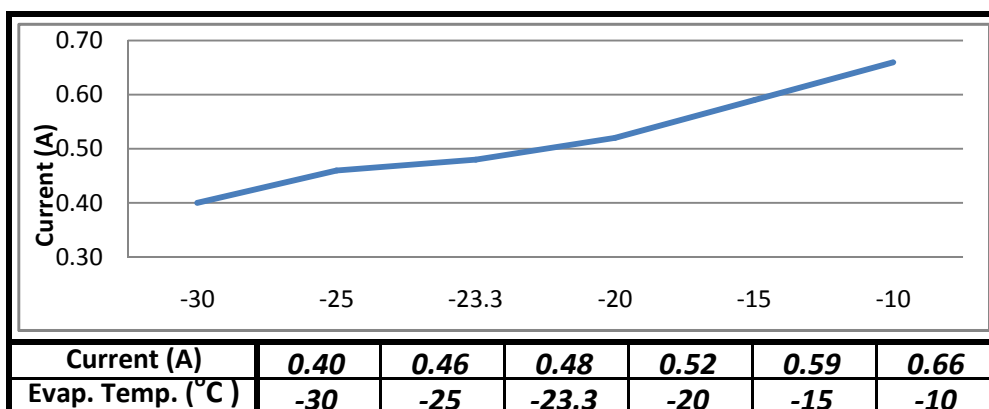
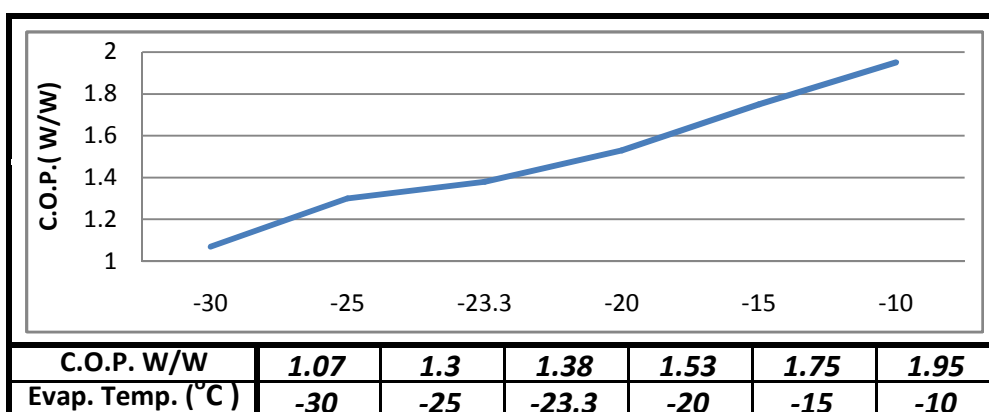
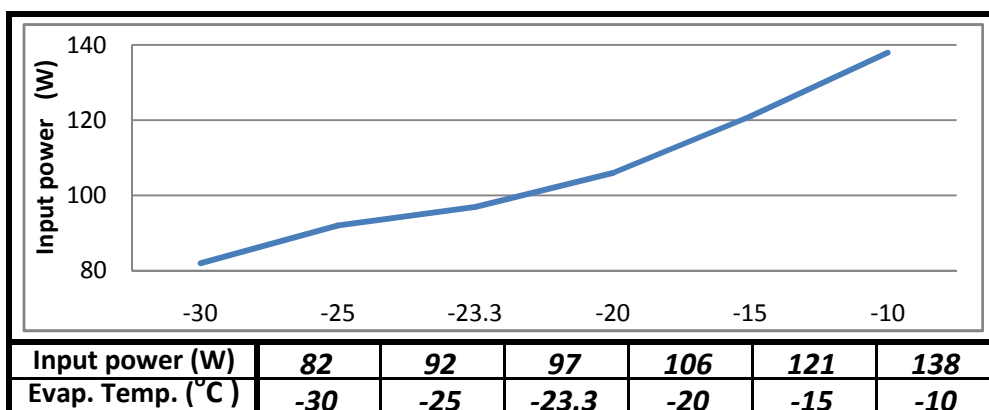
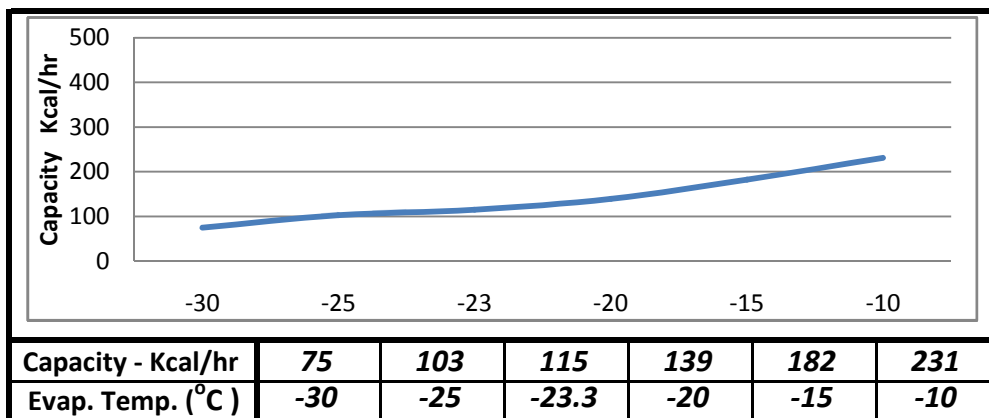


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 P.o Box : 1001 (10th of Ramadan)
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 Web site : <http://www.zmcegypt.com>



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

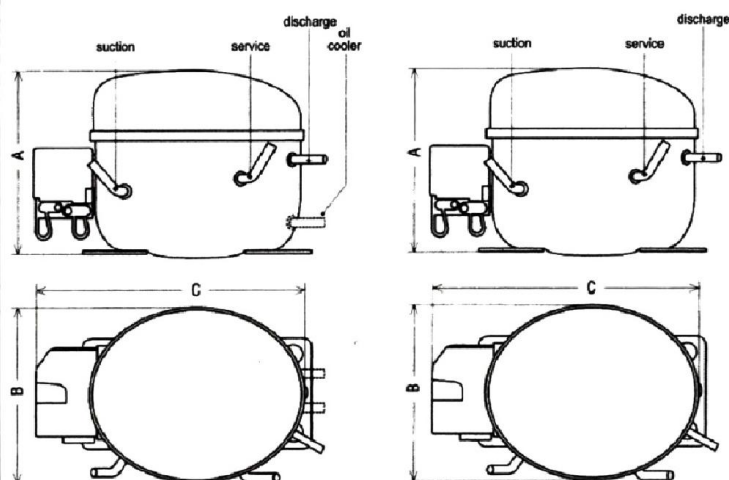
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GM, GN and GL models

HL and HP models



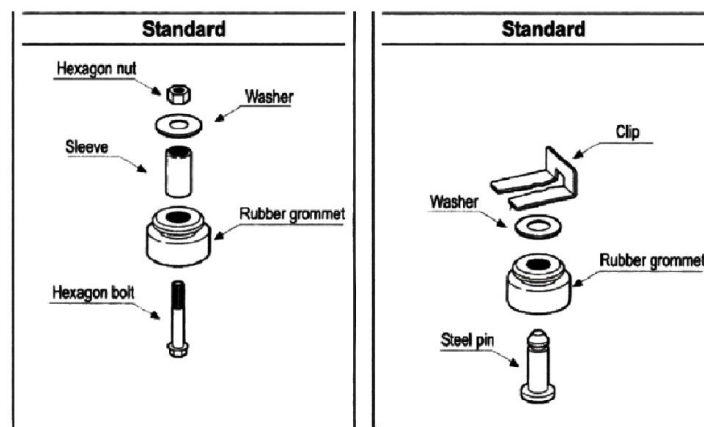
Standard dimensions for mounting hole centres: 170x70 mm

Special feet

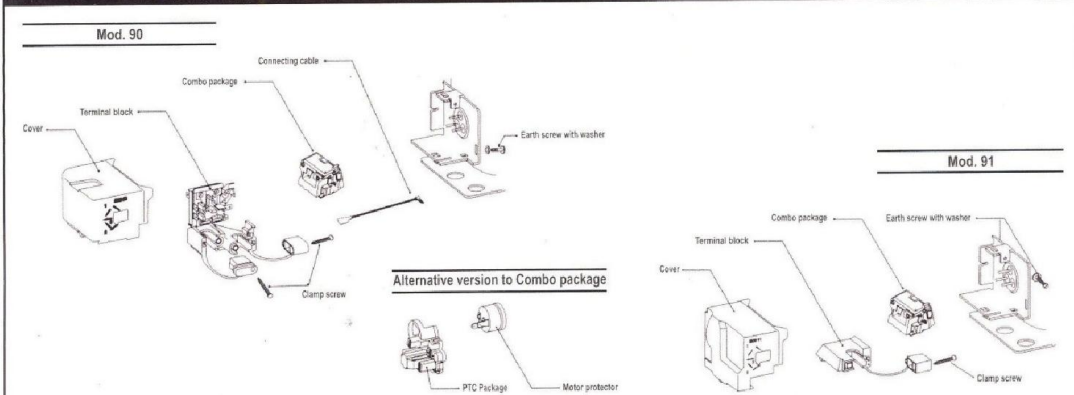
Models	Distance between holes	Holes diameter
GM/GN/HL/HP/GP	165 x 101.6	4 x 19
	170 x 70	6 x 165

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



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



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

