

Compressor Technical Data

Model **GL45AN** Code **402070326316**

LBP

General Data

Refrigerant:	R134a
Application:	LBP
Evaporating Temperature Range:	-30°C to -10°C
Voltage/Frequency:	200-240V/220-230 50/60Hz 1~
Compressor Cooling:	Static
Expansion Device:	Capillary Tube
Packaging Quantity:	Multi - 96:120 pcs
Approvals:	CE-VDE



Mechanical Data

Oil Charge:	265 cm3
Oil Type Configuration:	ester
Oil Type Viscosity:	19 cSt
Weight:	9 kg

Electrical Data

Motor Type:	RSIR
Voltage working range at 50/60 Hz:	170-264V /187-253V
Maximum Motor Temperature:	130°C
Locked Rotor Current 50 Hz:	12.2 / 6.0 A
Locked Rotor Current 60 Hz:	11.1 / 5.5 A
Start Winding Resistance:	21.90 Ω at 25°C
Run Winding Resistance:	13.00 Ω at 25°C
Phase :	1 ph

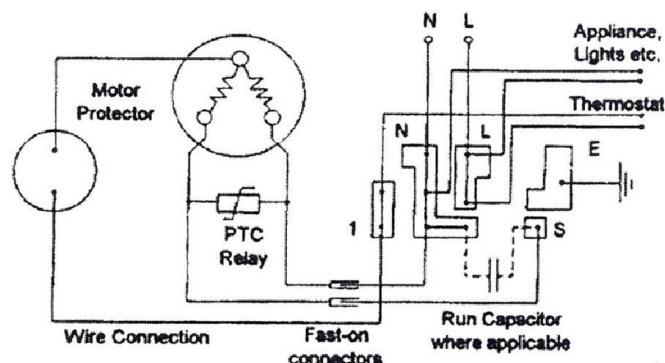
External Characteristics

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

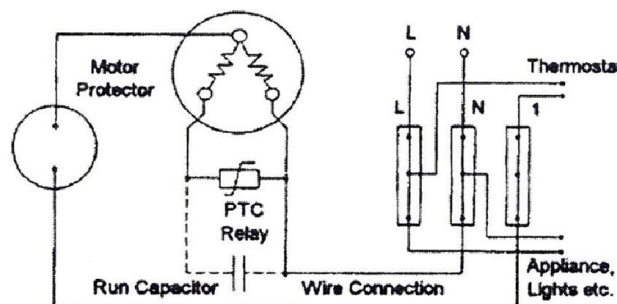
Electrical Components

Component Type	
Starting Device:	PTC 14Ω
Motor Protection:	T0508/xx

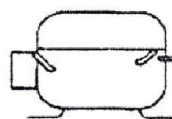
Circuit Diagram for Mod.90 Terminal Board



Circuit Diagram for U.H. Terminal Board



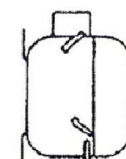
Recommended Transport Positions when fitted into appliances



Upright



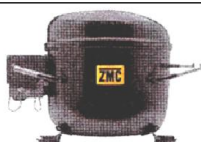
Tubes Down



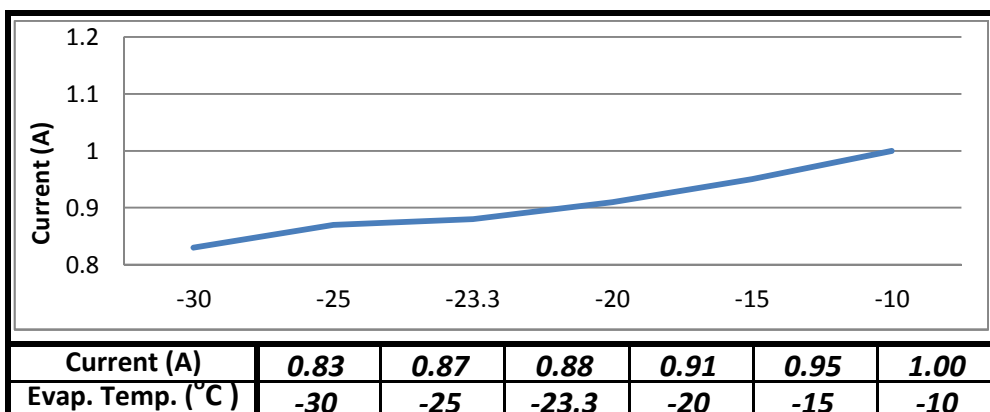
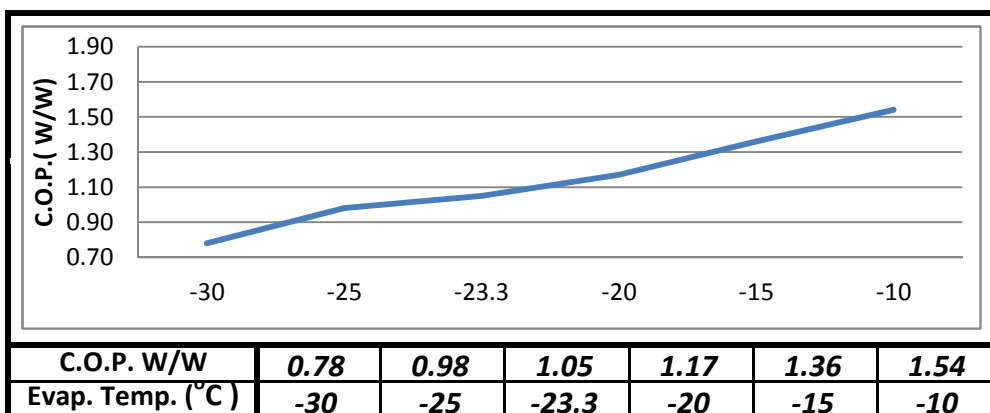
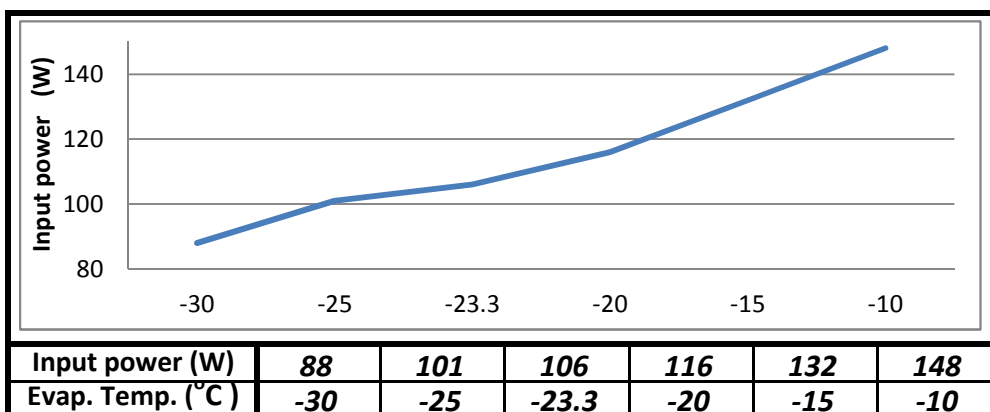
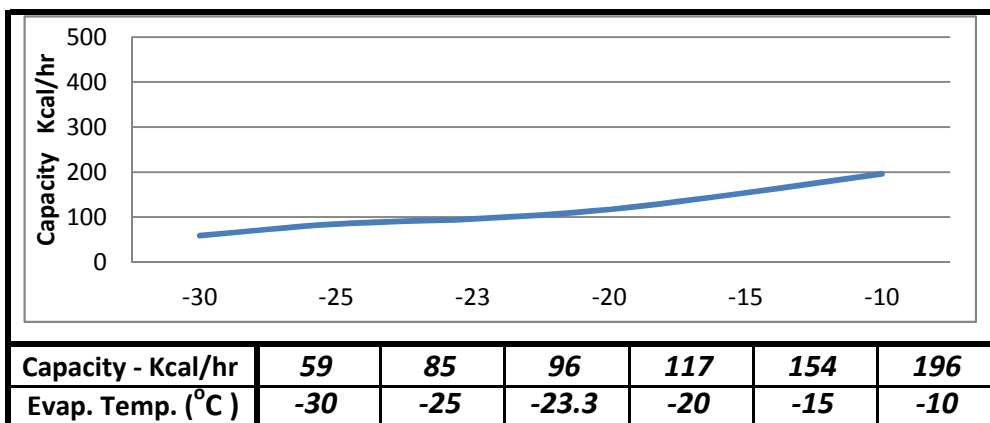
Electrics Up

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>

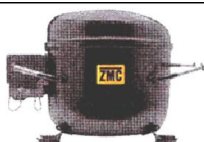


العاشر من رمضان
المنطقة الصناعية أ - ٢
ص.ب: ١٠٠١ العاشر من رمضان
تليفون : ٠٥٥٤ - ٤١٣٣٢٢ (١٠ خطوط)
فاكس : ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

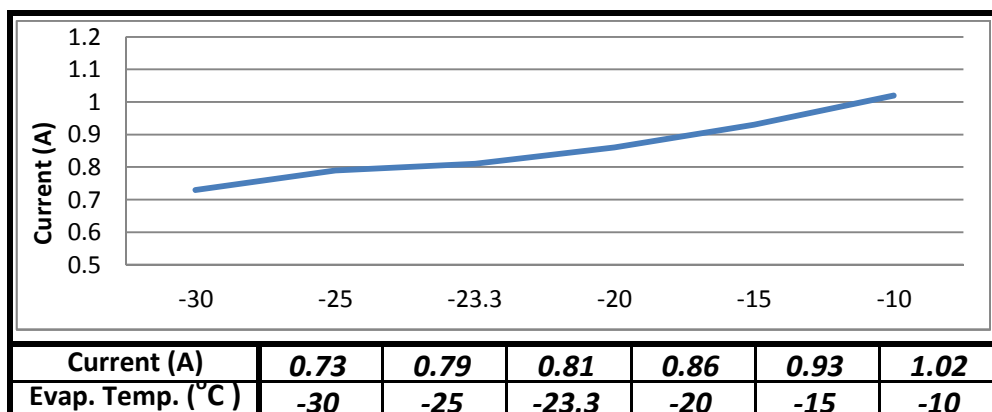
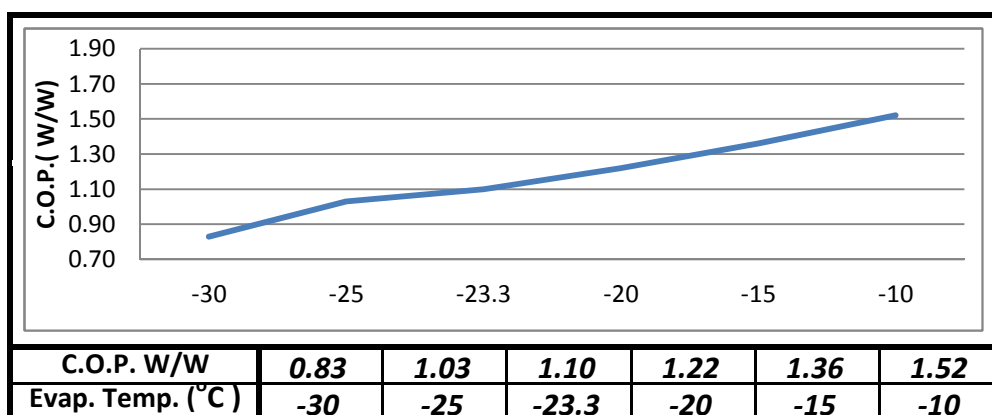
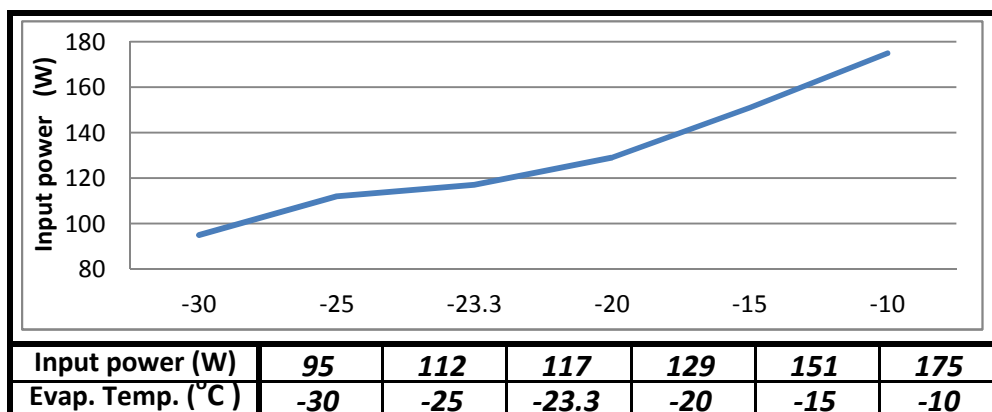
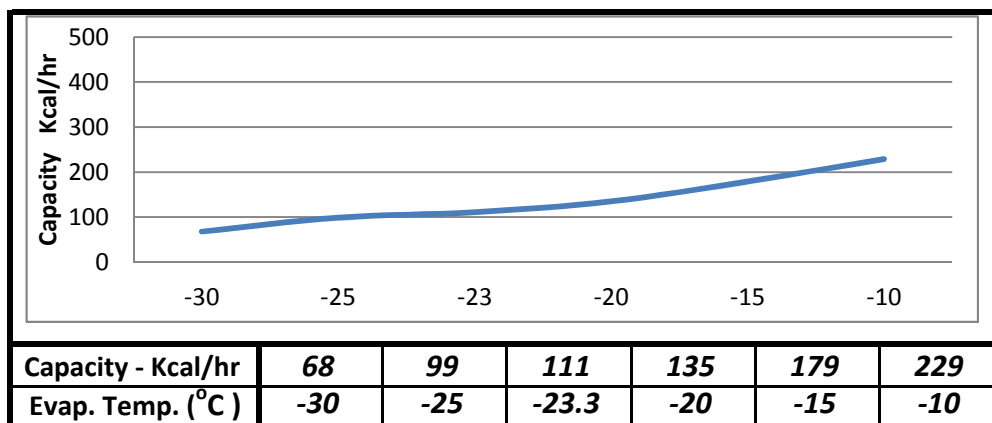
PERFORMANCE CURVE DATA : 50Hz

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
 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>

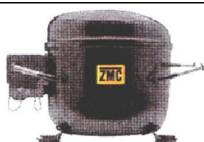


العاشر من رمضان
 المنطقة الصناعية أ - ٢
 ص.ب : ١٠٠١ العاشر من رمضان
 تليفون : ٠٥٥٤ - ٤١٣٣٢٢ (١٠ خطوط)
 فاكس : ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

PERFORMANCE CURVE DATA : 60Hz

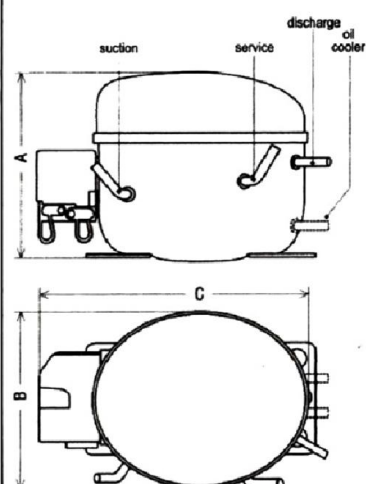
Test Condition: Ashrae, Static, Return Gas 32°C Subcooling OK, Evaporating: 23.3°C, Condensing: 55°C, Ambient: 32°C

10th of Ramadan City - (Cairo) Egypt
 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>

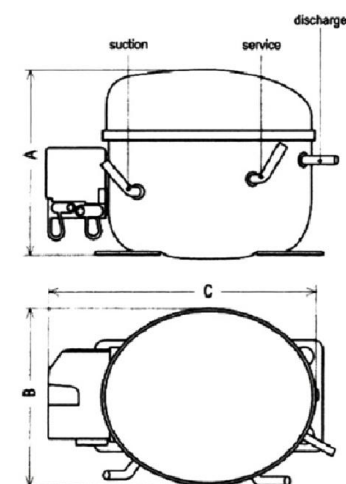


العاشر من رمضان
 المنطقة الصناعية أ - ٢
 ص.ب : ١٠٠١ العاشر من رمضان
 تليفون : ٠٥٥٤ - ٤١٣٣٢٢ (١٠ خطوط)
 فاكس : ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

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

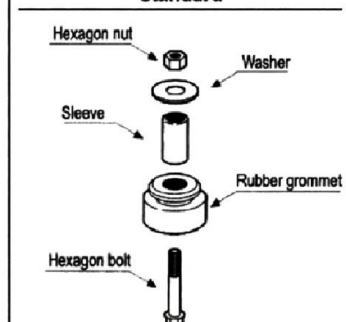
Tube internal diameter "GM", "GN", "GL", "HL"

"HP" and "GP"

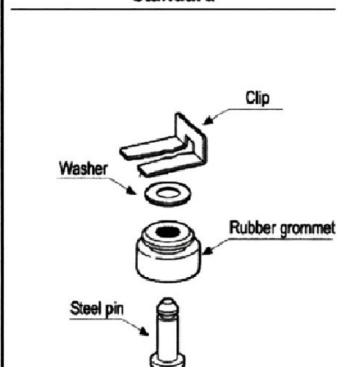
Material	Suction	Service	Discharge
Copper steel / copper	6.1	6.1	4.9
Copper	6.1	6.1	5.1
Copper	6.5	6.5	4.9
Copper	8.1	8.1	6.5

Mounting accessories

Standard



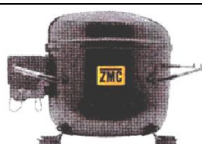
Standard

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 : ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

