

## Compressor Technical Data

Model **GL45TB** Code **404010327416**

**H/MBP**

### General Data

Refrigerant:	R134a
Application:	HMBP
Evaporating Temperature Range:	-25°C to +10°C
Voltage/Frequency:	220-240V 50Hz 1~
Compressor Cooling:	Fan Cooling
Expansion Device:	Capillary / Valve
Packaging Quantity:	Multi - 96:120 pcs
Approvals:	VDE-CE-GOST



### Mechanical Data

Oil Charge:	300 cm <sup>3</sup>
Oil Type Configuration:	ester
Oil Type Viscosity:	19 cSt
Weight:	8 kg

### Electrical Data

Motor Type:	CSIR
Voltage working range at 50 Hz:	198-264V
Maximum Motor Temperature:	130°C
Locked Rotor Current:	6.5 A
Start Winding Resistance:	49.86 Ω at 25°C
Run Winding Resistance:	19.27 Ω at 25°C
Phase :	1 ph

### External Characteristics

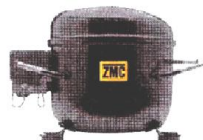
Internal Diameter	(mm)
Suction Connector	6.5
Discharge Connector	4.9
Process Connector	6.5
Material	Copper

### Electrical Components

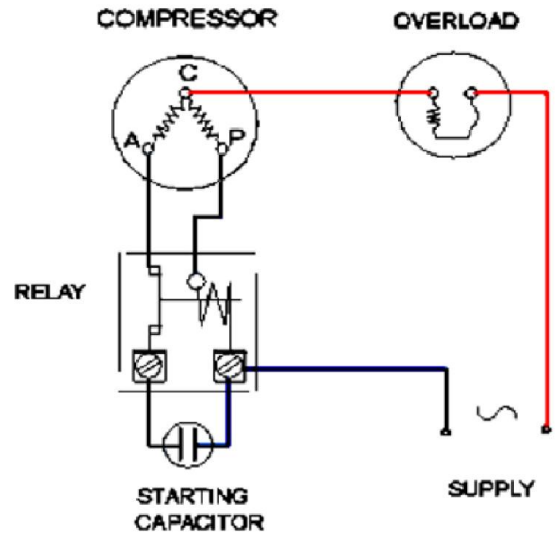
Component Type	
Starting Device:	RELAY MTRP26
Motor Protection:	T0068/xx
Start Capacitor	47-56μf

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

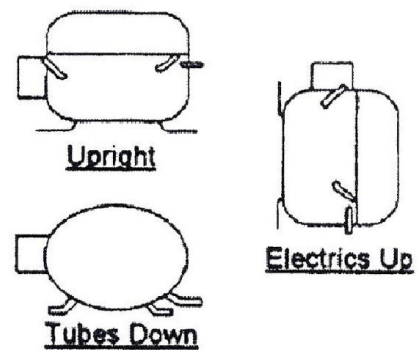
10th of Ramadan City - (Cairo) Egypt  
 Industrial Zone A-2  
 P.o Box : 1001 ( 10th of Ramadan )  
 Tel. : 0554 - 413322 ( 10 lines )  
 Fax. : 0554 - 413161 - 413029  
 Web site : <http://www.zmcegypt.com>



### CSIR

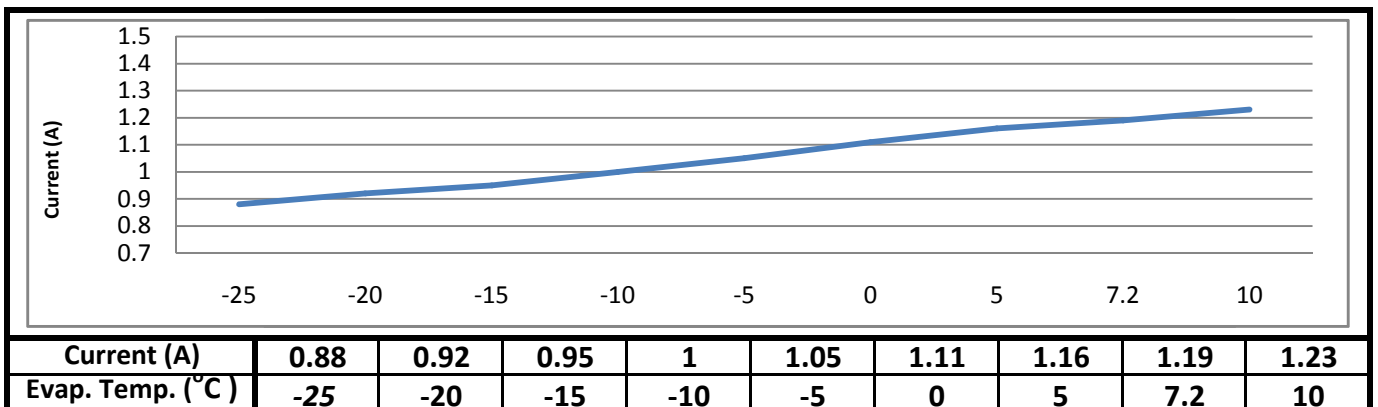
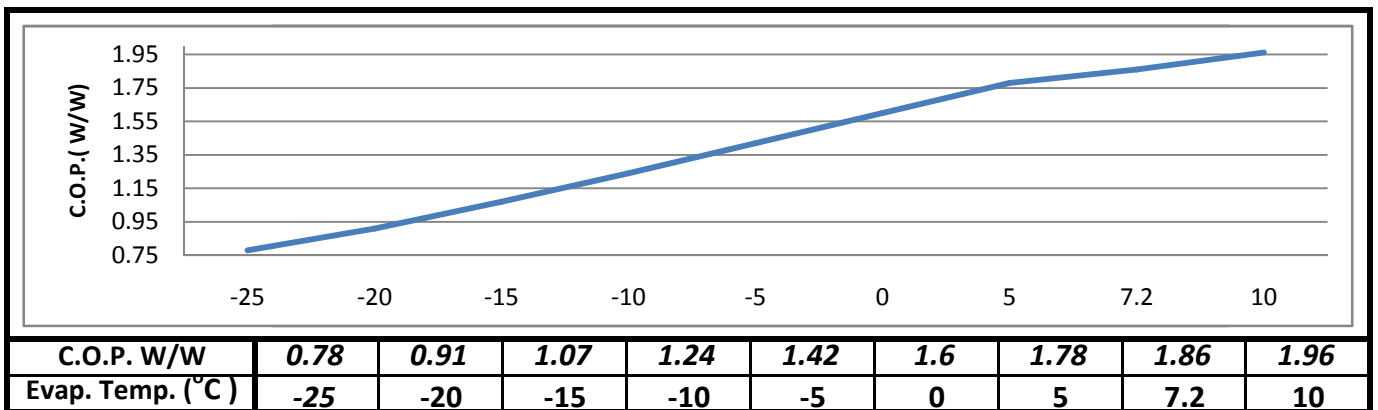
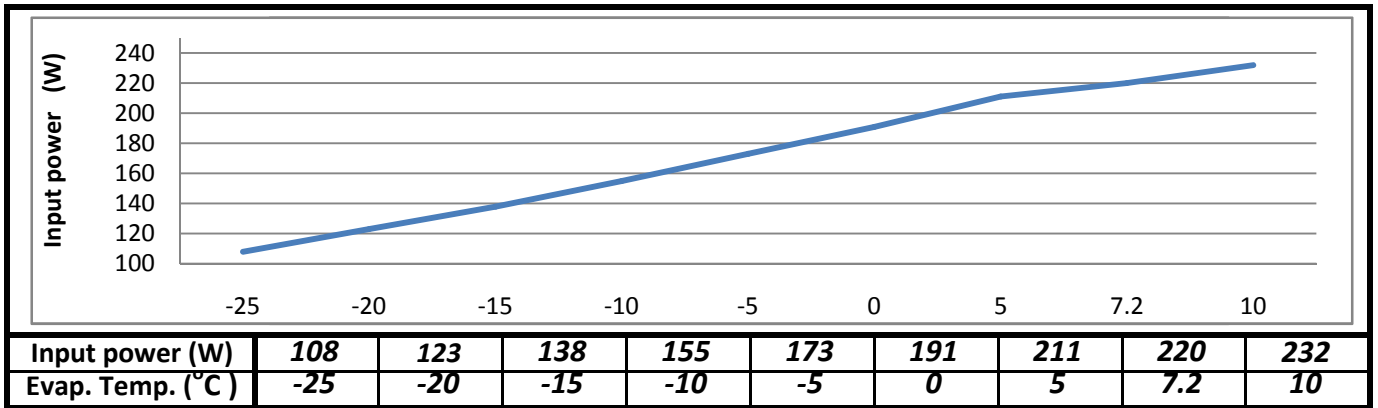
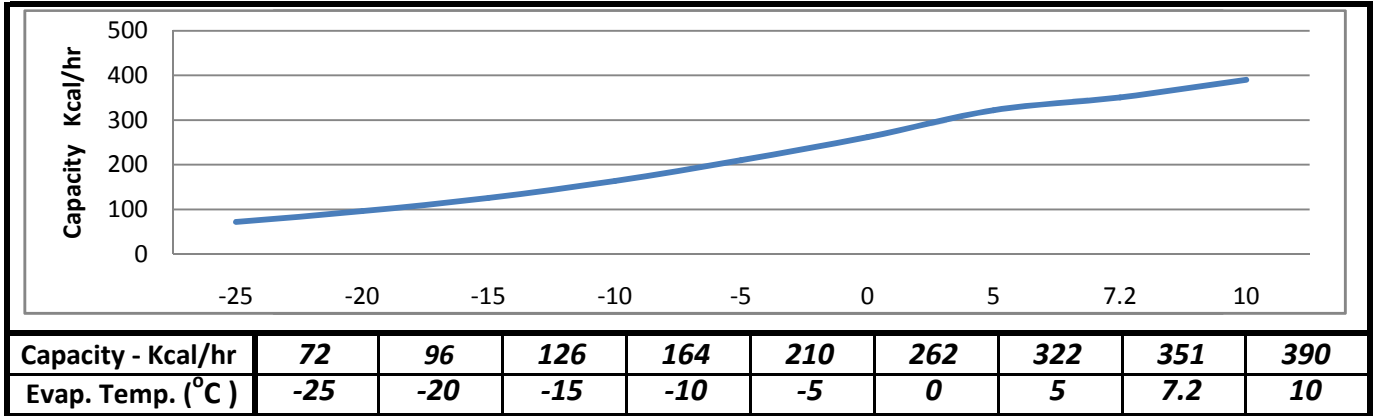


### Recommended Transport Positions when fitted into appliances



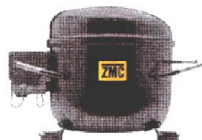
العاشر من رمضان  
 المنطقة الصناعية أ - ٢  
 ص.ب: ١٠٠١ العاشر من رمضان  
 تليفون: ٤١٣٣٢٢ - ٠٥٥٤ (١٠ خطوط)  
 فاكس: ٤١٣١٦١ - ٤١٣٠٢٩ (٠٥٥٤)

**PERFORMANCE CURVE DATA :**



Test Condition: Ashrae, Fan Cooling, Return Gas:35 °C , Ambient: 35°C Subcooling 46 °C, Evaporating: 7.2 oC, Condensing: 55°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

Material	Tube internal diameter "GM", "GN", "GL", "HL"			"HP" and "GP"		
	Suction	Service	Discharge	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			

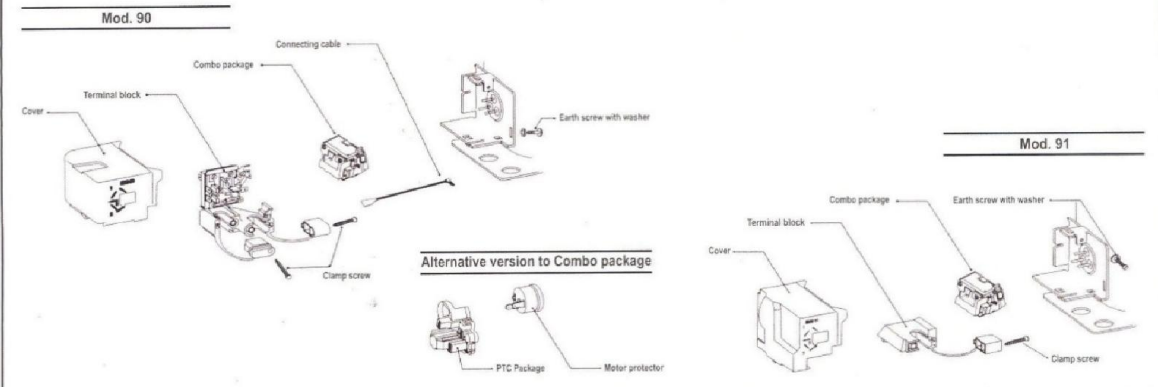
**Mounting accessories**

**Standard**

**Standard**



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



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

