



شركة مصر لصناعة الكباسات

COMPRESSOR TECHNICAL DATA

MODEL: EGM60AF CODE: 505500313416

General Data

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

Mechanical Data

cm3 270	:Oil Charge
ester	:Oil Type Configuration
cSt 19	:Oil Type Viscosity

kg 8.58

:Weight

Electrical Data

RSIR / RSCR

:Motor Type

187-264V

:Voltage working range at 50 Hz

130°C

:Maximum Motor Temperature

A 6.28 / 11.72

:Locked Rotor Current

Ω at 25°C 18.40

:Start Winding Resistance

Ω at 25°C 15.80

:Run Winding Resistance

ph 1

:Phase

External Characteristics

(mm)

Internal Diameter

6.5

Suction Connector

4.9

Discharge Connector

6.5

Process Connector

Copper

Material

Electrical Components

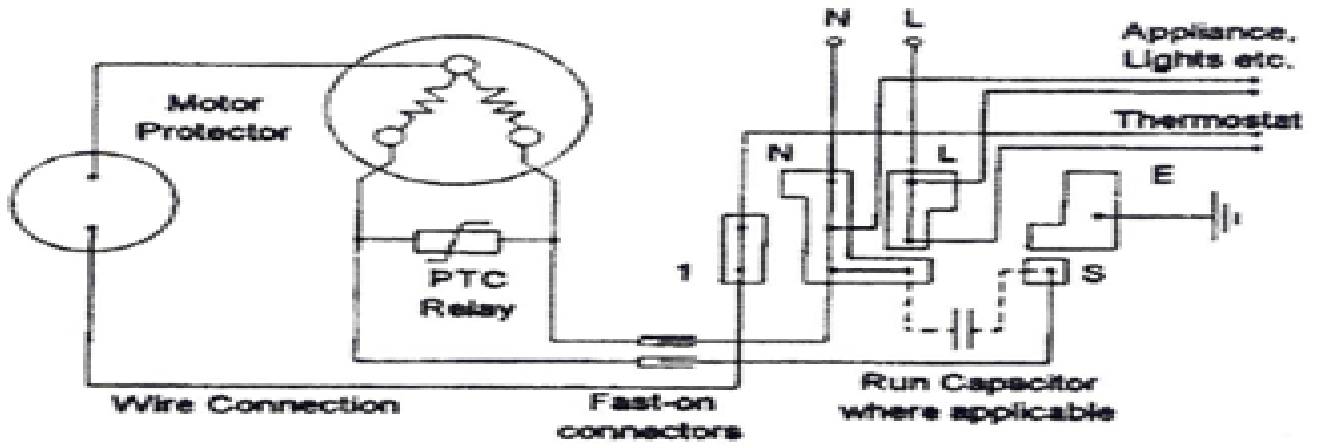
PTC 14 Ω

:Starting Device

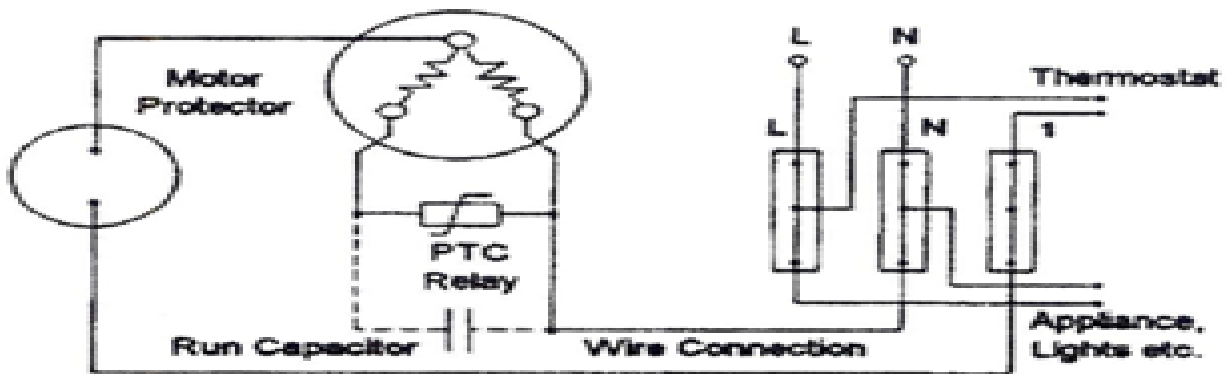
T0508/xx

:Motor Protection

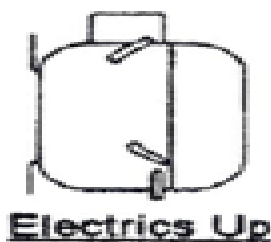
Circuit Diagram for Mod 90 Terminal Board



Circuit Diagram for U.H. Terminal Board

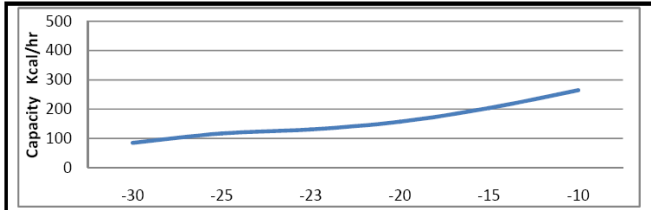


Recommended Transport Positions when fitted into appliances

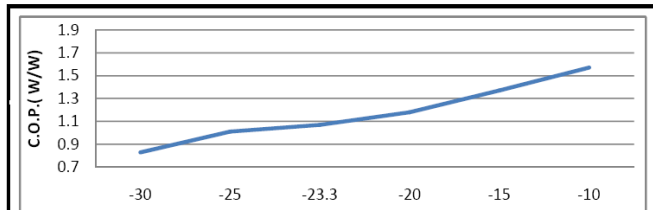


PERFORMANCE CURVE DATA :

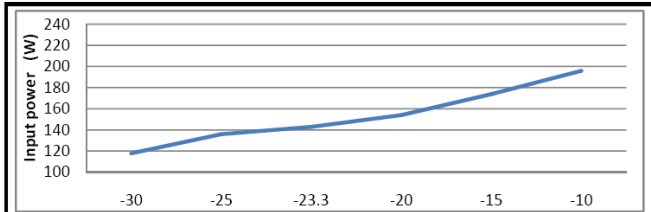
EGM60AF



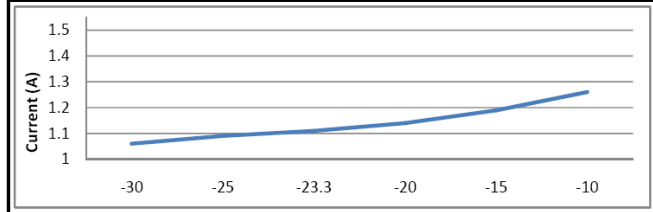
Capacity - Kcal/hr	85	117	131	157	204	265
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



C.O.P. (W/W)	0.83	1.01	1.07	1.18	1.37	1.57
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



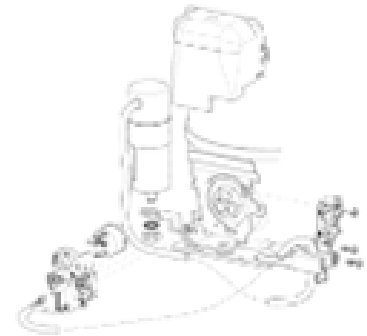
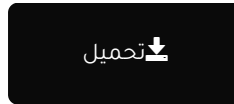
Input power (W)	118	136	143	154	174	196
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



Current (A)	1.06	1.09	1.11	1.14	1.19	1.26
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10

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

Assembly instructions for Terminal board



External View

