

Compressor, ZMC, EGM99AZ, 1/4 Hp, 1PH, R134a, LBP, 220-240V 50Hz

Category: compressor

written by www.mbsm.pro | 29 December 2020



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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



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Mechanical Data

cm ³ 350	:Oil Charge
ester	:Oil Type Configuration
cSt 19	:Oil Type Viscosity
kg 10.25	:Weight

Electrical Data

*RSIR / RSCR	:Motor Type
187-264V	:Voltage working range at 50 Hz
130°C	:Maximum Motor Temperature
A 10.19 / 14.49	:Locked Rotor Current
25.08Ω at 25°C	:Start Winding Resistance
Ω at 25°C 7.33	:Run Winding Resistance
ph 1	:Phase



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External Characteristics

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

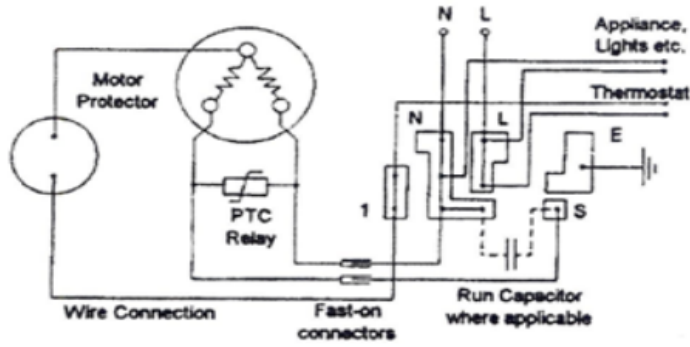
Electrical Components

PTC 14Ω	:Starting Device
T0137/xx	:Motor Protection

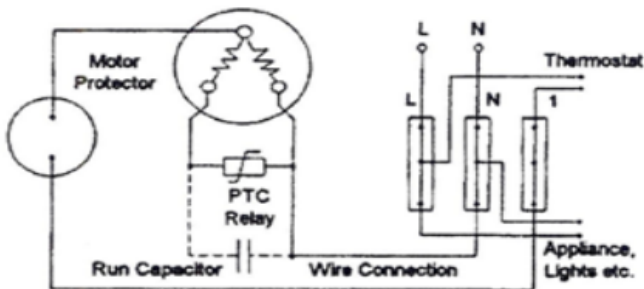


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Circuit Diagram for Mod 90 Terminal Board



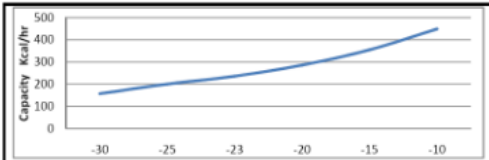
Circuit Diagram for U.H. Terminal Board



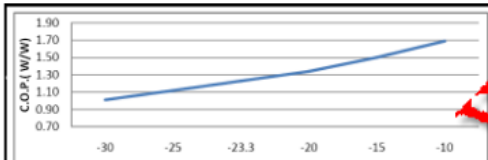
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PERFORMANCE CURVE DATA:

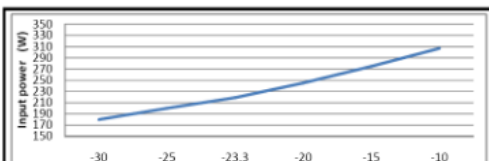
EGM99AZ



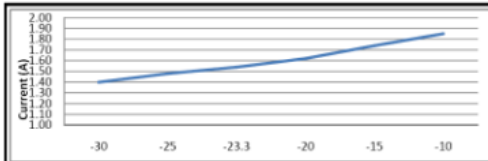
Capacity - Kcal/hr	157	200	236	286	355	449
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



C.O.P. W/W	1.01	1.12	1.23	1.34	1.50	1.69
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



Input power (W)	180	200	219	245	275	307
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



Current (A)	1.40	1.48	1.54	1.62	1.74	1.85
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

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R 134 a
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