

COMPRESSOR TECHNICAL DATA

MODEL: EGM66AF CODE: 506030316616

General Data

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



Mechanical Data

Oil Charge:	180 cm ³
Oil Type Configuration:	Ester
Oil Type Viscosity:	19 cSt
Weight:	7.5 kg

Electrical Data

Motor Type:	RSIR/CSIR
Voltage working range at 50 Hz:	187-264V
Maximum Motor Temperature:	130°C
Locked Rotor Current:	5.23 A
Start Winding Resistance:	11.00 ±5%Ω at 25°C
Run Winding Resistance:	14.20 ±5%Ω at 25°C
Phase:	1 ph

External Characteristics

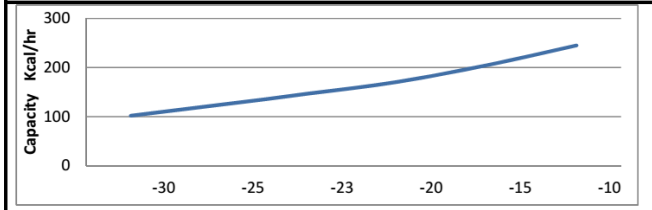
Internal Diameter	(mm)
Suction Connector	6.55
Discharge Connector	4.9
Process Connector	6.55
Material	Copper

Electrical Components

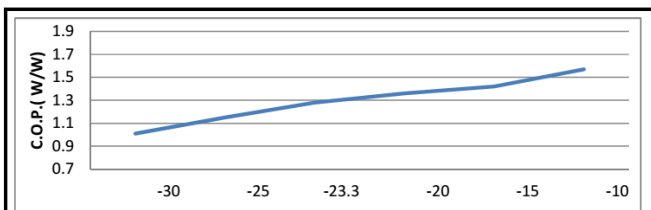
Starting Device:	PTC QP2-15Ω
Motor Protection:	DRB21P61A1

PERFORMANCE CURVE DATA :

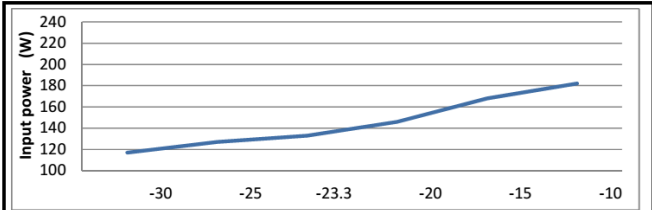
EGM66AF



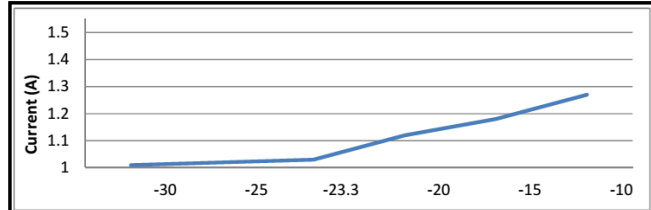
Capacity - Kcal/hr	102	124	147	171	205	245
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



C.O.P. W/W	1.01	1.15	1.28	1.36	1.42	1.57
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10

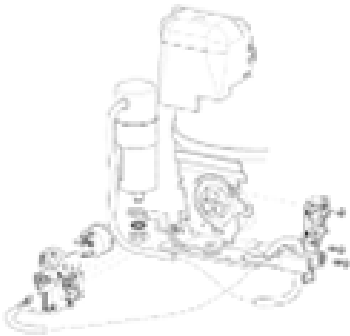


Input power (W)	117	127	133	146	168	182
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10



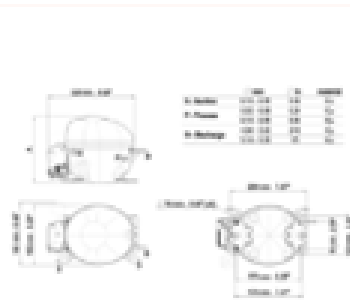
Current (A)	1.01	1.02	1.03	1.12	1.18	1.27
Evap. Temp. (°C)	-30	-25	-23.3	-20	-15	-10

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

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External View

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