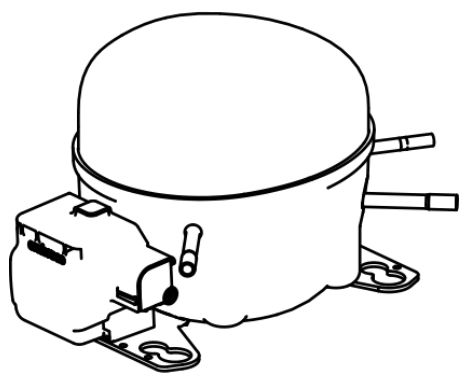


EMT2125GK



ENGINEERING CODE
513306217

REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
LBP

MOTOR TYPE
CSIR

STANDARD
ASHRAE

COOLING CAPACITY
353 W

EFFICIENCY
1.42 W/W



DATA

GENERAL DATA

Model	EMT2125GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/3+
Starting Torque	HST
Plant	BRAZIL

ELECTRICAL DATA

Start Winding Resistance	19.15 Ω at 25°C
Run Winding Resistance	11.3 Ω at 25°C

MECHANICAL DATA

Displacement	5.96 cm ³
Oil Charge	180 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	7.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	64-77 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-36* QL2-4.35 ***
Overload Protection	DRB180L61AXF

EXTERNAL CHARACTERISTICS

Base Plate	SMALL EUEM
Tray Holder	YES

Connector	Internal Diameter	Shape	Material
Suction	6.1 mm	SLANTED 42° UP + 45° TO BACK	COPPER
Discharge	4.94 mm	SLANTED PARALLET BP+24°TO BACK	COPPER
Process	6.1 mm	SLANTED 45° UP + 45° TO BACK	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	LBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
Max Refrigerant Charge	250 g
Refrigerant Temperature	Dew

RATED POINTS

Condensing Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
54.4	-23.3	353	1.42	249	1.58	8.16

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

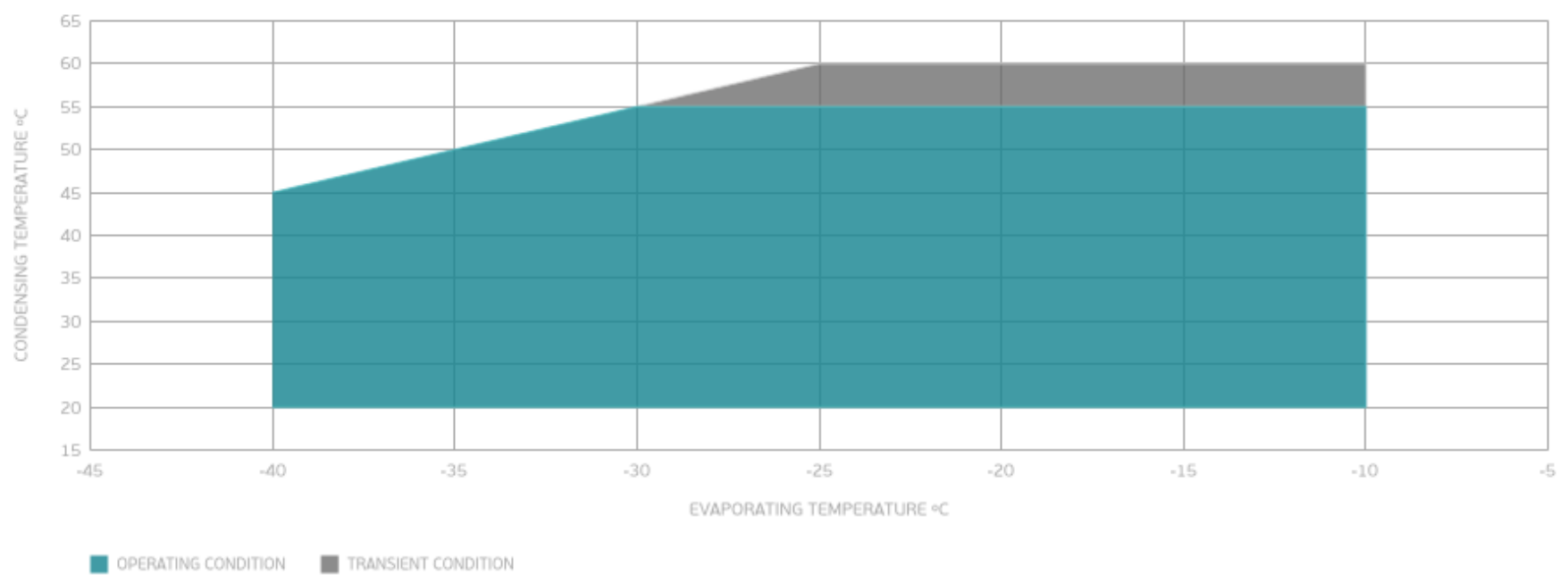
PERFORMANCE CURVE

Condensing Temperature performance_curve°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
35	-	-	-	-	-
45	-	-	-	-	-
55	-	-	-	-	-

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

ENVELOPE



EXTERNAL DIMENSIONS

