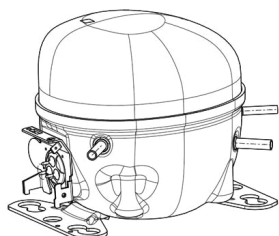


EMX26CLC



**ENGINEERING CODE**  
710NA90

**REFRIGERANT**  
R-600a

**POWER SUPPLY**  
220-240 V 50 Hz

**APPLICATION**  
L/MBP

**MOTOR TYPE**  
RSCR

**STANDARD**  
EN12900

**COOLING CAPACITY**  
40 W

**EFFICIENCY**  
1.19 W/W



DATA

GENERAL DATA

Model	EMX26CLC
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	L/MBP
Expansion Device	Capillary Tube
Compressor Cooling	Static/220
Starting Torque	LST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	27.4 Ω at 25°C
Run Winding Resistance	52.2 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	2.1 A

## MECHANICAL DATA

Displacement	5.19 cm <sup>3</sup>
Oil Charge	150 ml
Oil Type	ALQUILB
Oil Viscosity	ISO5
Weight	7.1 Kg

## ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Starting Device Type	PTC
Overload Protection	AX24AHN

## EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	YES

Connector	Internal Diameter	Shape	Material
Suction	6.1 mm	SLANTED 42° UP + 45° TO BACK	COPPER
Discharge	4.94 mm	SLANTED 0° UP + 45° TO BACK	COPPER
Process	6 mm	SLANTED 43° UP + 45° TO BACK	COPPER(OD)

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-600a
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Static
Tested Voltage	220 V
Tested Frequency	50 Hz
Max Refrigerant Charge	150 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
40	-35	40	1.19	33	-	0.49

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

## PERFORMANCE CURVE

Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-35	43	1.32	33	-	0.51
-30	60	1.58	38	-	0.70
-25	81	1.88	43	-	0.95
-20	107	2.20	49	-	1.26
-15	138	2.54	54	-	1.62
-10	173	2.92	59	-	2.04
-5	213	3.34	64	-	2.52
0	257	3.82	67	-	3.04

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

## PERFORMANCE CURVE

Condensing Temperature 45°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-35	36	1.09	34	-	0.46
-30	51	1.30	39	-	0.65
-25	69	1.53	45	-	0.88
-20	92	1.77	52	-	1.18
-15	120	2.02	59	-	1.53
-10	151	2.27	67	-	1.94
-5	187	2.54	73	-	2.40
0	226	2.83	80	-	2.92

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

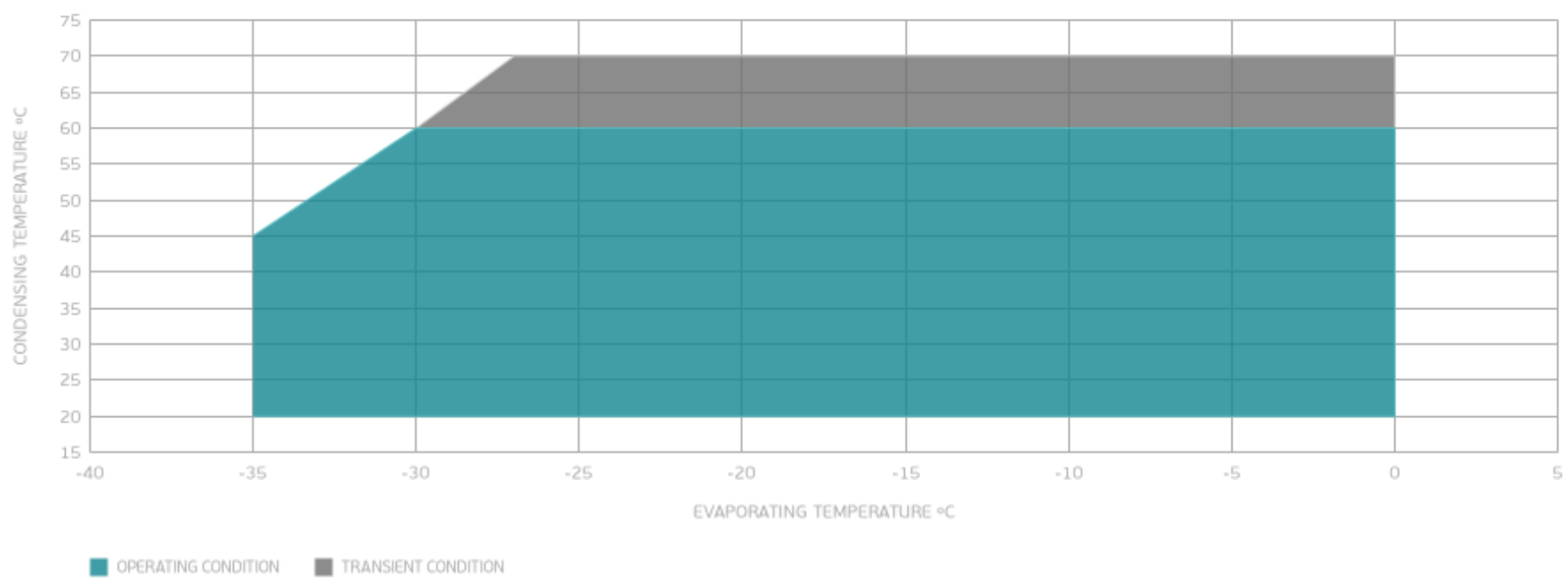
## PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-30	42	1.07	39	-	0.58
-25	57	1.26	46	-	0.81
-20	77	1.45	53	-	1.09
-15	101	1.63	62	-	1.43
-10	129	1.81	71	-	1.82
-5	160	2.00	80	-	2.27
0	195	2.19	89	-	2.78

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

## ENVELOPE



## EXTERNAL DIMENSIONS

