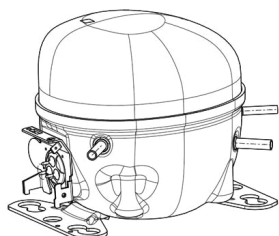


EMX66CLC



**ENGINEERING CODE**  
701QA92

**REFRIGERANT**  
R-600a

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

**APPLICATION**  
LBP

**MOTOR TYPE**  
RSCR

**STANDARD**  
ASHRAE

**COOLING CAPACITY**  
182 W

**EFFICIENCY**  
1.71 W/W



DATA

GENERAL DATA

Model	EMX66CLC
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube
Compressor Cooling	Static/220
Starting Torque	LST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	15.2 Ω at 25°C
Run Winding Resistance	20.5 Ω at 25°C

## MECHANICAL DATA

Displacement	10.61 cm <sup>3</sup>
Oil Charge	150 ml
Oil Type	ALQUILB
Oil Viscosity	ISO5
Weight	7.6 Kg

## ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Overload Protection	4TM265JDB CP4TMC258R61A5

## EXTERNAL CHARACTERISTICS

Base Plate	SMALL
------------	-------

Connector	Internal Diameter	Shape	Material
Suction	6.1 mm	SLANTED 42° UP + 45° TO BACK	COPPER
Discharge	5.1 mm	SLANTED 0° UP + 45° TO BACK	COPPER
Process	6.1 mm	SLANTED 45° UP + 45° TO BACK	COPPER

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-600a
Tested Application	LBP
Tested Standard	ASHRAE
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
54.4	-23.3	182	1.71	106	0.72	1.95

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 45°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-35	98	1.36	73	0.60	1.06
-30	134	1.54	87	0.64	1.43
-25	177	1.75	101	0.69	1.90
-20	229	1.98	116	0.74	2.46
-15	290	2.21	131	0.80	3.12
-10	359	2.44	147	0.86	3.88

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 55°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-30	123	1.45	85	0.64	1.32
-25	165	1.64	101	0.70	1.77
-20	215	1.82	118	0.76	2.32
-15	275	1.99	138	0.84	2.96
-10	343	2.15	160	0.92	3.70

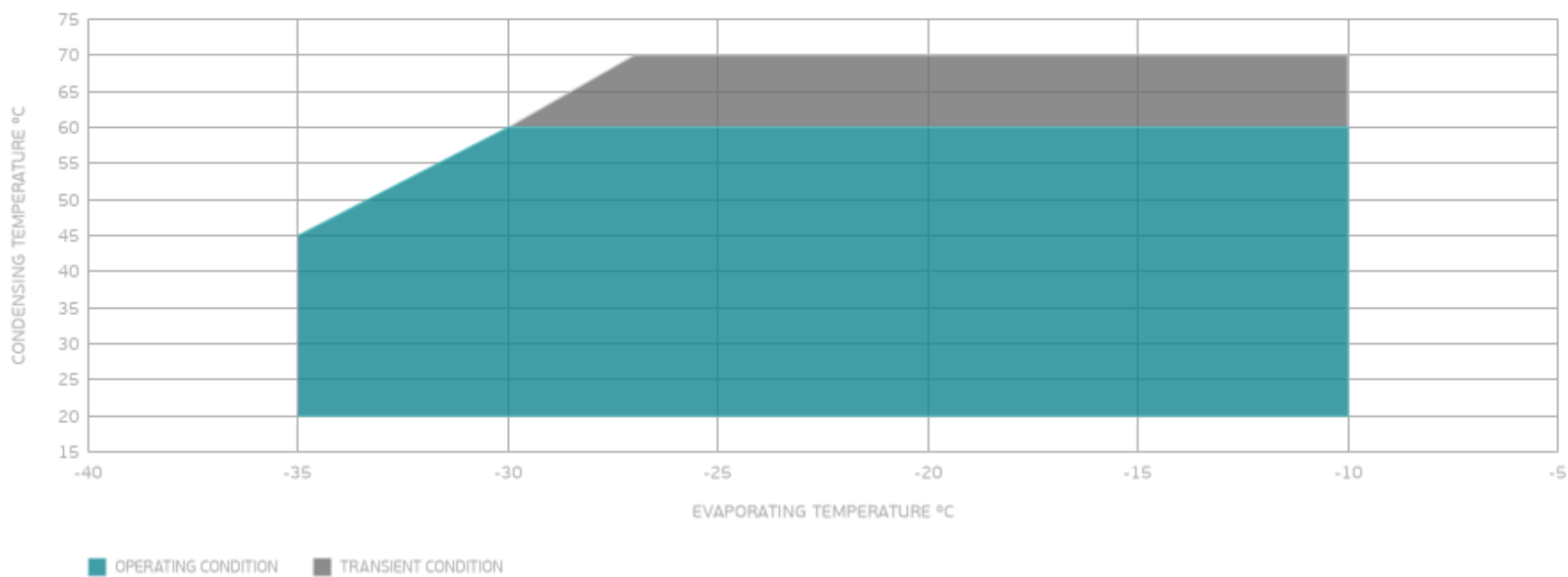
Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

**PERFORMANCE CURVE****Condensing Temperature 65°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-25	150	1.48	101	0.71	1.62
-20	199	1.65	120	0.79	2.14
-15	257	1.80	143	0.87	2.77
-10	323	1.91	169	0.97	3.49

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

