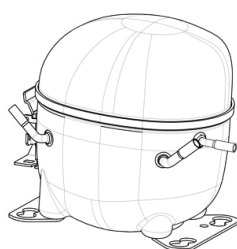


NE1121Z



**ENGINEERING CODE**  
262AA50

**REFRIGERANT**  
R-134a

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

**APPLICATION**  
LBP

**MOTOR TYPE**  
RSIR

**STANDARD**  
ASHRAE

**COOLING CAPACITY**  
254 W

**EFFICIENCY**  
1.27 W/W



DATA

GENERAL DATA

Model	NE1121Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube
Compressor Cooling	Fan/220
HP	1/4
Starting Torque	LST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	39.85 Ω at 25°C
Run Winding Resistance	7.3 Ω at 25°C

## MECHANICAL DATA

Displacement	9.26 cm <sup>3</sup>
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	10.6 Kg

## ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Starting Device Type	RELAY
Overload Protection	T0480/G6

## EXTERNAL CHARACTERISTICS

Base Plate	SMALL
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Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	LBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
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	254	1.27	200	1.67	4.94

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 35°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-30	199	1.21	164	1.56	3.84
-25	264	1.43	185	1.63	5.12
-20	342	1.64	208	1.70	6.65
-15	434	1.87	232	1.77	8.46
-10	540	2.12	255	1.85	10.57
-5	662	2.41	274	1.93	13.00

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
-30	184	1.09	169	1.58	3.55
-25	247	1.29	191	1.64	4.78
-20	323	1.49	217	1.71	6.28
-15	414	1.68	247	1.79	8.07
-10	520	1.88	277	1.89	10.17
-5	642	2.10	306	2.00	12.60

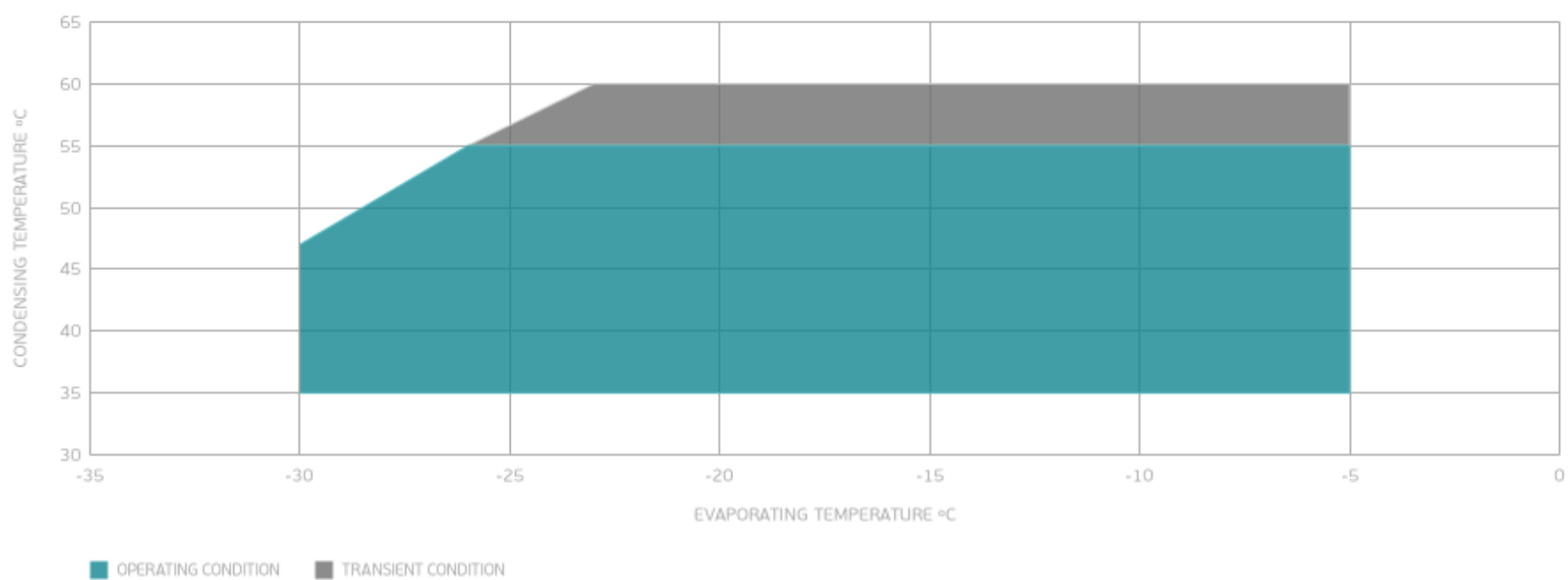
Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

**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
-25	230	1.20	191	1.65	4.46
-20	304	1.39	219	1.72	5.90
-15	393	1.56	251	1.81	7.65
-10	497	1.74	286	1.93	9.72
-5	618	1.91	323	2.07	12.14

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

