


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 ³
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 40°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-30	191	1.15	167	1.58	3.69
-25	255	1.36	188	1.64	4.95
-20	333	1.56	214	1.71	6.46
-15	424	1.76	241	1.79	8.27
-10	530	1.98	268	1.87	10.37
-5	652	2.23	292	1.97	12.81

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

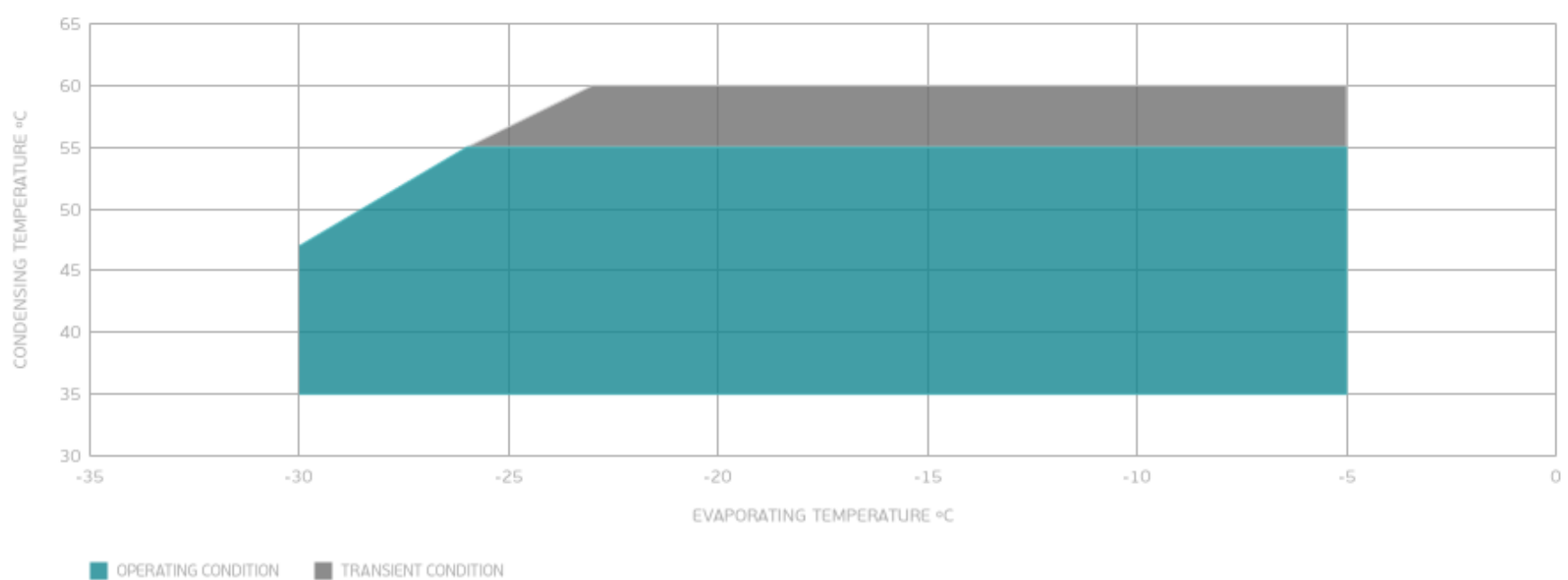
PERFORMANCE CURVE

Condensing Temperature 50°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-25	238	1.24	191	1.64	4.62
-20	313	1.43	219	1.71	6.09
-15	403	1.61	250	1.80	7.86
-10	509	1.80	283	1.90	9.95
-5	630	1.99	316	2.03	12.37

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

