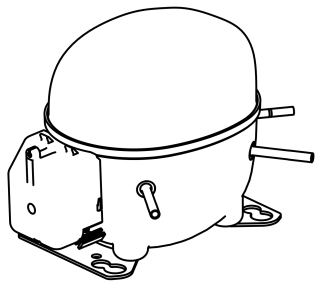


NE1121Z



ENGINEERING CODE
262AA47



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 cm³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	10.6 Kg

ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-0073*
Overload Protection	T0480/G6

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	LBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
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	4.93
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	1.22	164	1.56	3.85
-25	264	1.43	185	1.63	5.12
-20	342	1.64	209	1.70	6.64
-15	433	1.86	232	1.77	8.44
-10	540	2.12	255	1.85	10.56
-5	662	2.42	273	1.93	13.01
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	168	1.58	3.56
-25	247	1.30	191	1.64	4.79
-20	323	1.49	217	1.71	6.28
-15	414	1.68	247	1.79	8.06
-10	520	1.88	277	1.89	10.17
-5	642	2.10	306	2.00	12.61

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

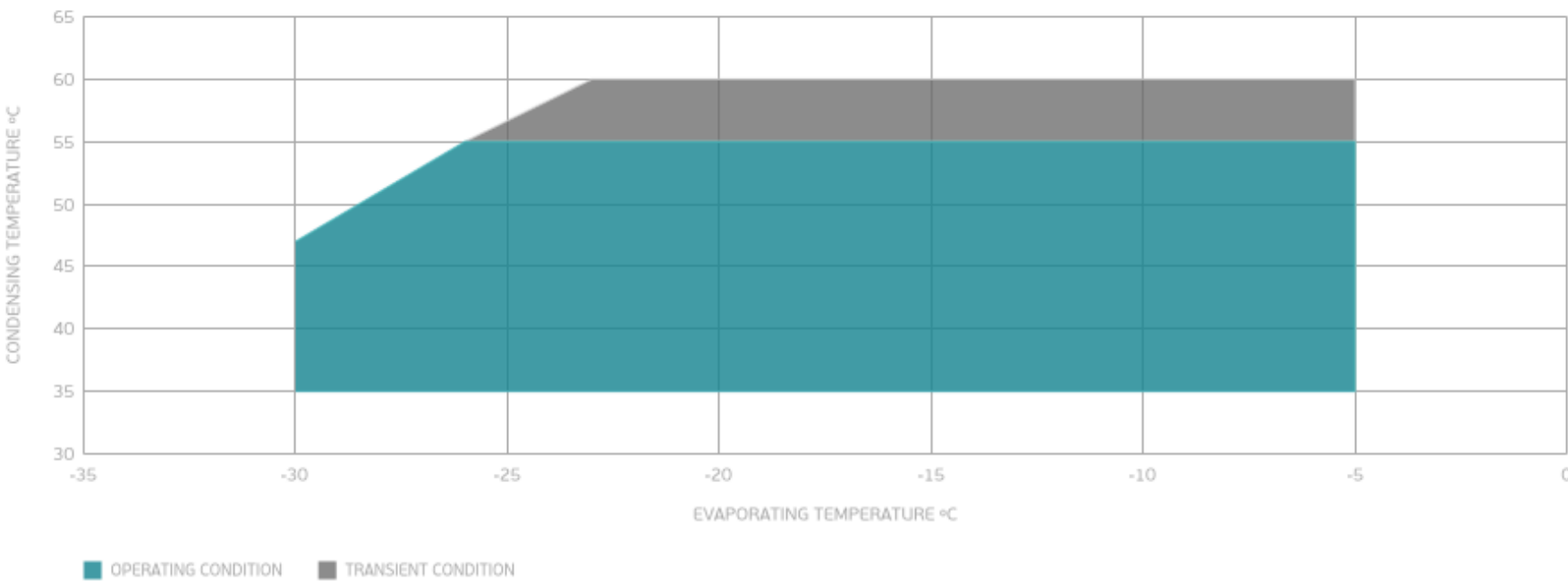
PERFORMANCE CURVE

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	4.45
-20	303	1.39	219	1.72	5.90
-15	392	1.56	252	1.81	7.64
-10	497	1.73	287	1.93	9.72
-5	618	1.91	324	2.07	12.15

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

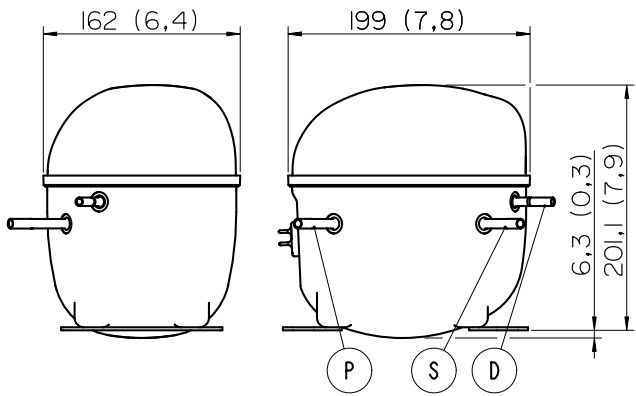
EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	YES

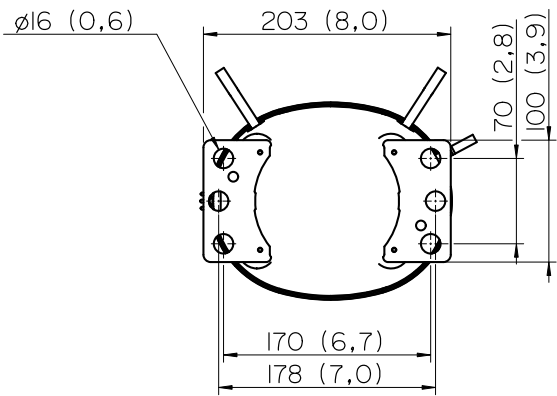
Connector	Internal Diameter	Shape	Material
Suction	6.1 mm	SLANTED 42°	COPPER
Discharge	4.86 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

