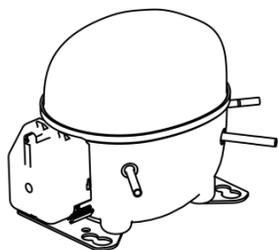


NE2130Z



ENGINEERING CODE
262DA50



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSIR



STANDARD
ASHRAE



COOLING CAPACITY
346 W



EFFICIENCY
1.35 W/W



DATA

GENERAL DATA

Model	NE2130Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/3
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	31.85 Ω at 25°C
Run Winding Resistance	6.25 Ω at 25°C

MECHANICAL DATA

Displacement	12.11 cm ³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	10.9 Kg

ELECTRICAL COMPONENTS

Start Capacitor	43-53 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-0027*
Overload Protection	T0156/G5

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	346	1.35	256	2.07	6.71

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	270	1.32	204	2.03	5.22
-25	353	1.52	233	2.03	6.85
-20	453	1.71	264	2.05	8.80
-15	571	1.92	297	2.10	11.13
-10	709	2.15	329	2.19	13.88
-5	869	2.42	359	2.35	17.07

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	254	1.20	211	2.03	4.91
-25	334	1.39	241	2.05	6.48
-20	432	1.56	277	2.08	8.40
-15	549	1.73	318	2.14	10.70
-10	686	1.91	360	2.24	13.42
-5	846	2.10	403	2.41	16.61

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

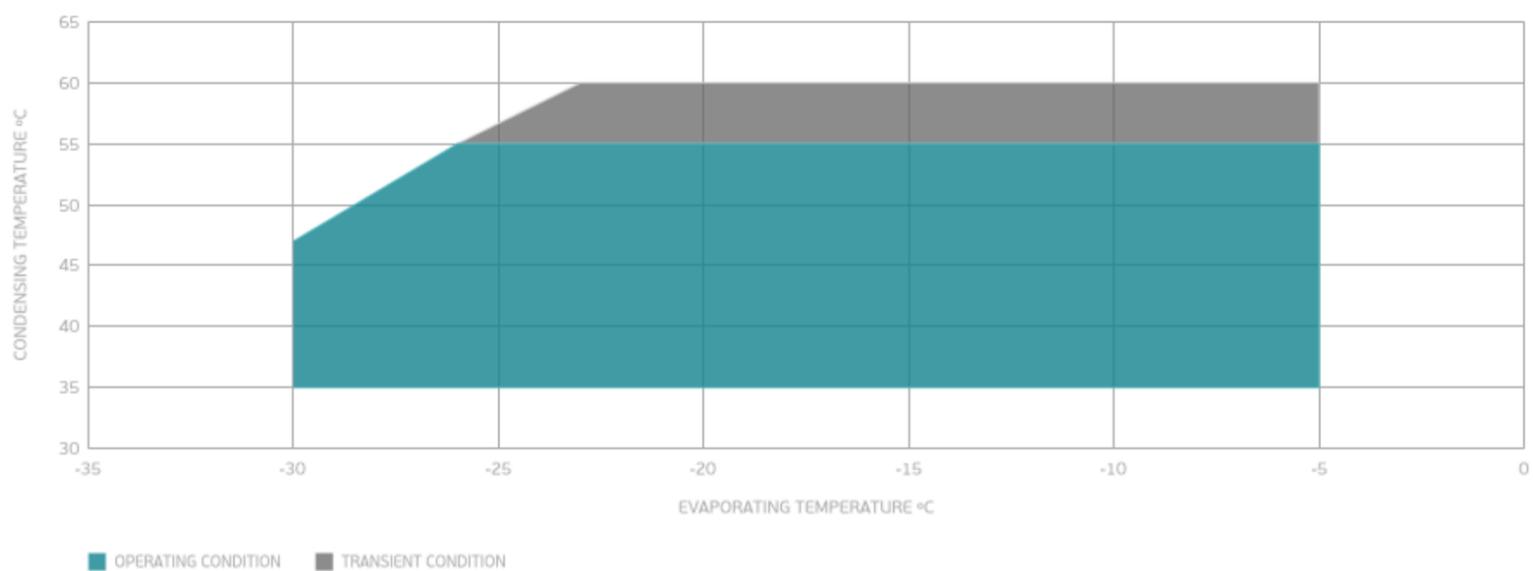
PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-25	315	1.29	244	2.06	6.10
-20	410	1.45	282	2.10	7.96
-15	524	1.61	326	2.18	10.21
-10	659	1.75	376	2.29	12.90
-5	818	1.91	429	2.47	16.06

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



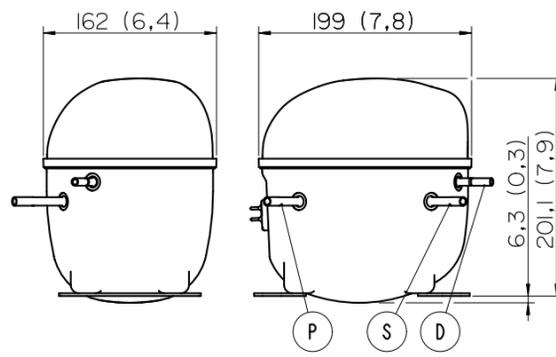
External

EXTERNAL CHARACTERISTICS

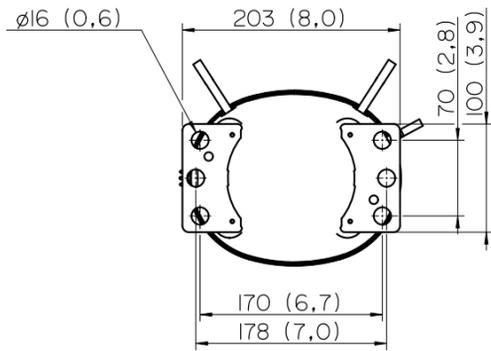
Base Plate		SMALL	
Tray Holder		NO	
Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

