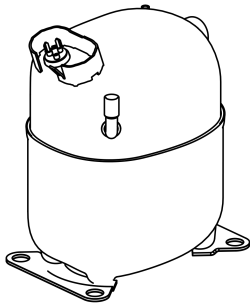


NJ9226GK



ENGINEERING CODE
944LV19



REFRIGERANT
R-404A



POWER SUPPLY
230 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
1644 W



EFFICIENCY
1.68 W/W

DATA

GENERAL DATA

Model	NJ9226GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/230
HP	1+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	7.8 Ω at 25°C
Run Winding Resistance	2.12 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	27.5 A

MECHANICAL DATA

Displacement	21.71 cm³
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	20.7 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 μf/330 V
Run Capacitor	20.0 μf/440 V
CSR CSIR BOX	Yes
Starting Device Description	RVA4M3C-110
Overload Protection	T0736/C9

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	230 V
Max Refrigerant Charge	800 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
45	-10	1644	1.68	979	4.44	49.37

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE

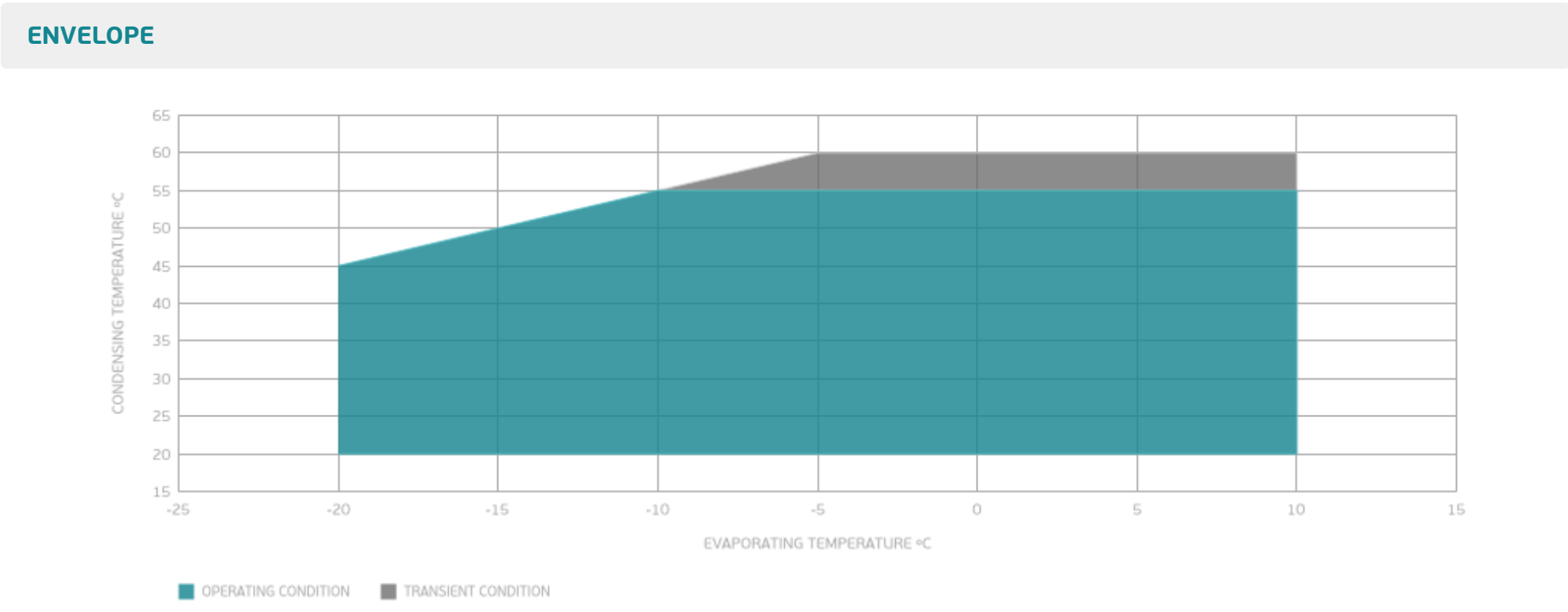
Condensing Temperature 35°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1234	1.63	756	3.55	31.99
-15	1594	1.90	838	3.85	41.64
-10	2020	2.21	915	4.17	53.25
-5	2514	2.57	978	4.48	66.96
0	3073	3.01	1019	4.78	82.91

Test Condition: Subcooling 0 K, Return Gas 20 °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
-20	986	1.26	781	3.63	29.08
-15	1288	1.47	878	4.03	38.28
-10	1644	1.68	979	4.44	49.37
-5	2056	1.91	1076	4.85	62.48
0	2522	2.17	1163	5.23	77.77
Test Condition: Subcooling 0 K, Return Gas 20 °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
-10	1254	1.25	1006	4.66	44.44
-5	1583	1.41	1126	5.16	56.90
0	1955	1.57	1246	5.63	71.47
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

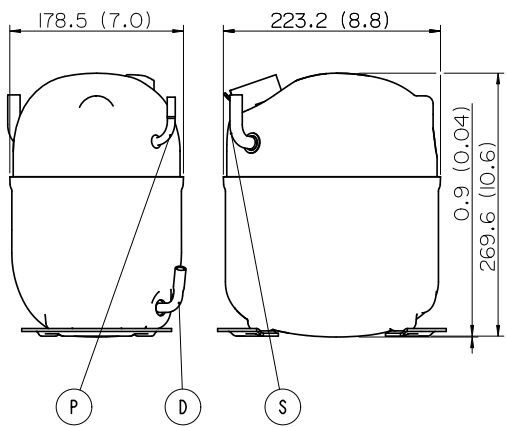


External

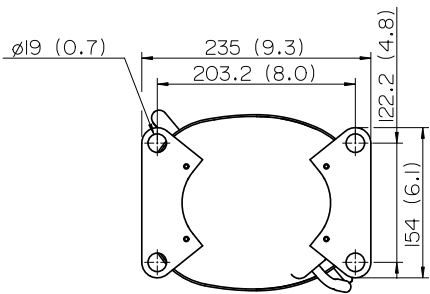
EXTERNAL CHARACTERISTICS			
Base Plate		LARGE	
Tray Holder		NO	
Connector	Internal Diameter	Shape	Material
Suction	12.7 mm	ROTOLOCK(EX. THR. 1"-14UNS-2A)	STEEL
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

