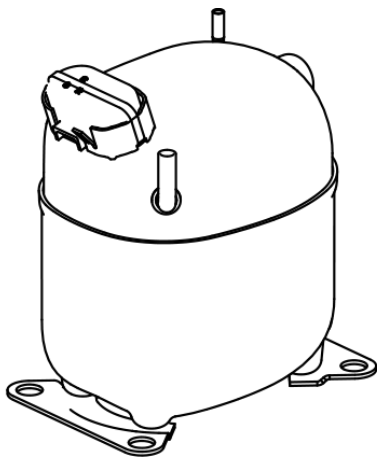


NJ9226GK



ENGINEERING CODE
944LV12



REFRIGERANT
R-404A



POWER SUPPLY
230 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
1867 W



EFFICIENCY
1.81 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

EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.77 mm	VERTICAL	COPPER
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	230 V
Tested Frequency	50 Hz
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
54.4	-6.7	1867	1.81	1032	4.53	50.96
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1386	1.86	744	3.33	30.11
-15	1780	2.17	821	3.60	38.88
-10	2250	2.53	891	3.86	49.46
-5	2803	2.96	946	4.11	62.05
0	3442	3.52	978	4.36	76.88
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 45°C

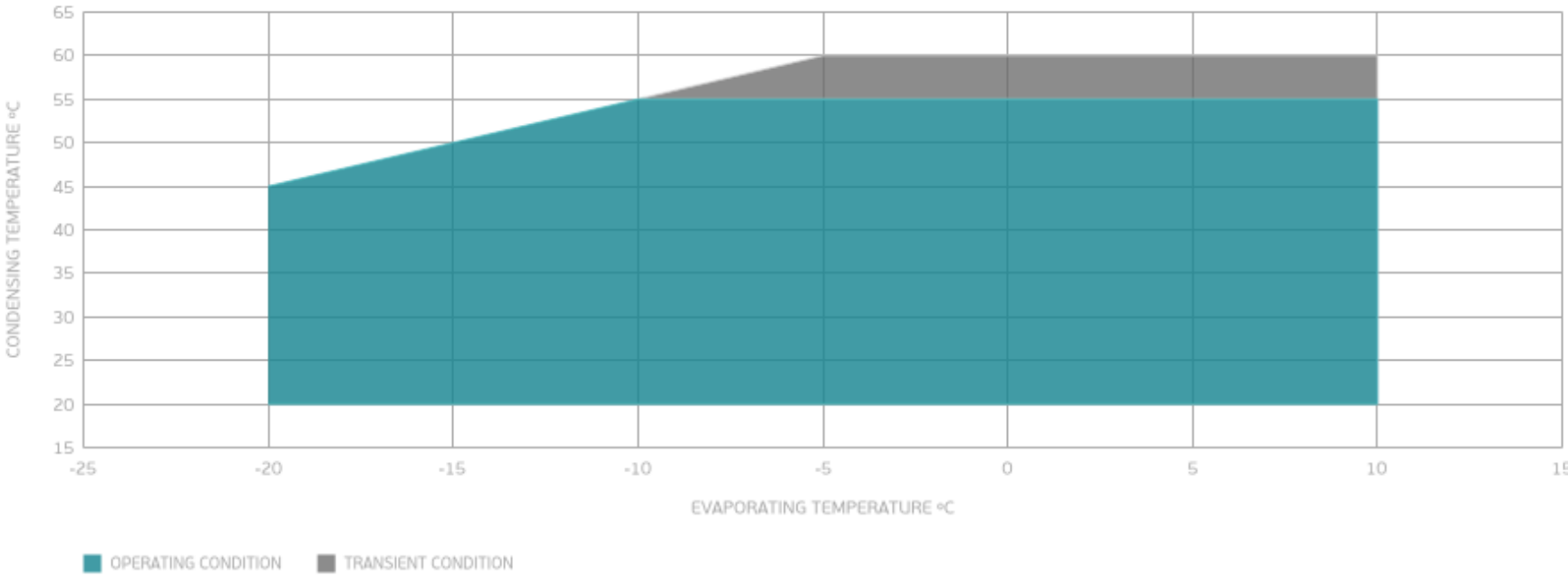
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1165	1.55	752	3.30	27.95
-15	1511	1.79	842	3.68	36.46
-10	1923	2.05	936	4.05	46.72
-5	2406	2.34	1026	4.40	58.94
0	2965	2.68	1106	4.75	73.34
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1578	1.64	960	4.24	43.12
-5	1991	1.86	1072	4.71	54.95
0	2470	2.09	1184	5.17	68.89
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



EXTERNAL DIMENSIONS

