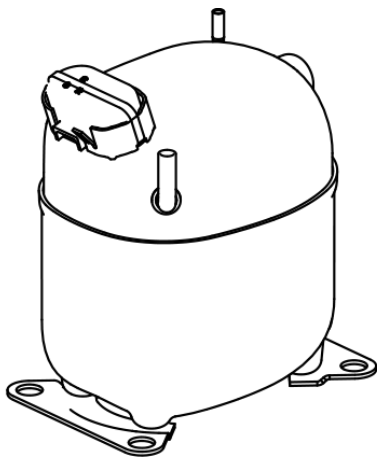


NJX6250GK



ENGINEERING CODE
945DA21



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
3245 W



EFFICIENCY
1.86 W/W

DATA

GENERAL DATA

Model	NJX6250GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	2
Starting Torque	LST/HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	4.83 Ω at 25°C
Run Winding Resistance	1.07 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	53 A

MECHANICAL DATA

Displacement	37.88 cm³
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	22.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	130-156 µf/330 V
Run Capacitor	25.0 µf/450 V
CSR CSIR BOX	Yes
Starting Device Description	RVA3AN3C-647
Overload Protection	USP-699-88 (internal)

EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.81 mm	VERTICAL	COPPER
Discharge	8.04 mm	SLANTED J	COPPER
Process	6.45 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 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
45	-10	3245	1.86	1743	-	97.44
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.						

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	2536	1.93	1314	-	65.72
-15	3148	2.18	1442	-	82.32
-10	3872	2.44	1588	-	102.08
-5	4704	2.71	1735	-	125.28
0	5644	3.03	1864	-	152.20
5	6687	3.41	1959	-	183.16
10	7834	3.91	2003	-	218.42
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

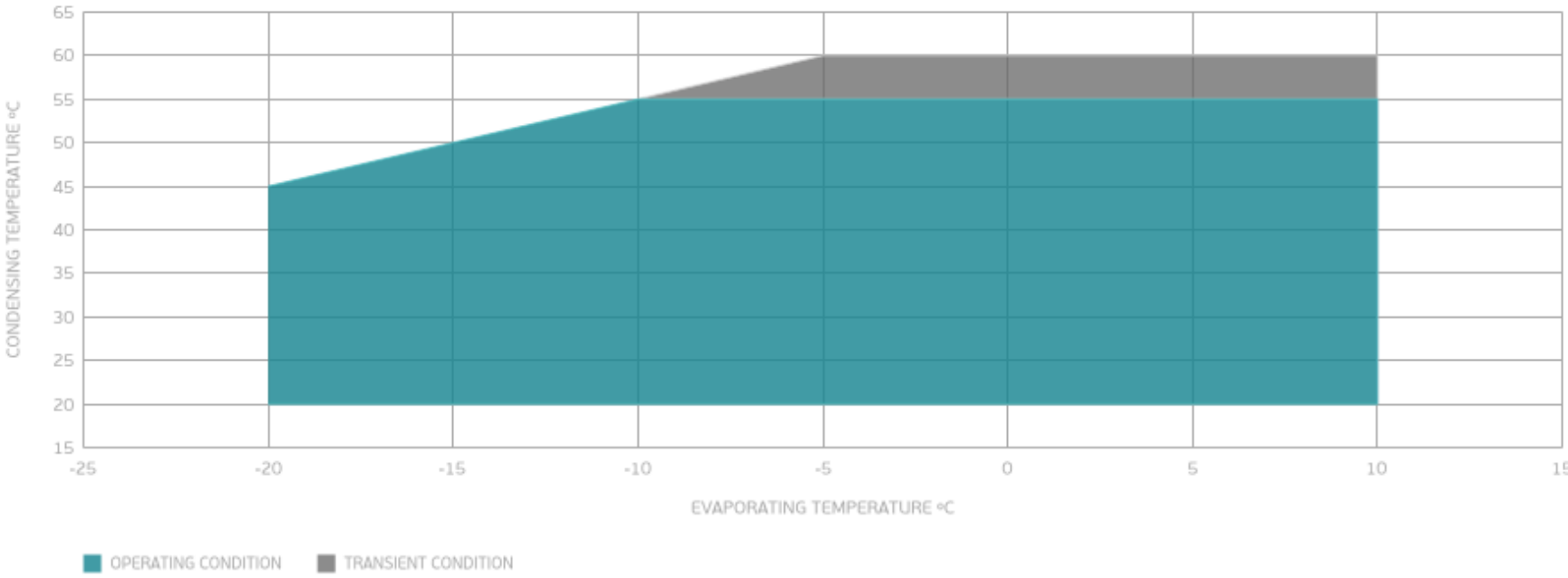
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	2113	1.46	1450	-	62.26
-15	2634	1.67	1579	-	78.34
-10	3245	1.86	1743	-	97.44
-5	3944	2.05	1924	-	119.83
0	4730	2.24	2107	-	145.83
5	5599	2.46	2273	-	175.71
10	6551	2.72	2404	-	209.77
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

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	2573	1.42	1807	-	91.16
-5	3135	1.57	2000	-	112.67
0	3763	1.70	2212	-	137.65
5	4455	1.84	2424	-	166.37
10	5208	1.99	2619	-	199.15
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

