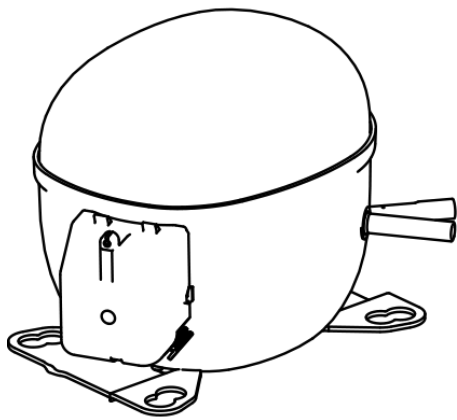


NT6226GKV



ENGINEERING CODE
923AA08



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
1997 W



EFFICIENCY
1.82 W/W

DATA

GENERAL DATA

Model	NT6226GKV
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	7.56 Ω at 25°C
Run Winding Resistance	2.22 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	37 A

MECHANICAL DATA

Displacement	22.37 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	130-156 µf/250 V
Run Capacitor	20.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA403C-123
Overload Protection	T0828/C9

EXTERNAL CHARACTERISTICS

Base Plate	UNI
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.7 mm	ROTOLOCK(EX. THR. 1"-14UNS-2A)	STEEL
Discharge	6.42 mm	VERTICAL	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	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
54.4	-6.7	1997	1.82	1094	-	54.47
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1506	1.99	758	-	32.69
-15	1900	2.31	822	-	41.52
-10	2366	2.63	899	-	52.00
-5	2902	2.97	978	-	64.24
0	3508	3.35	1049	-	78.34
5	4184	3.81	1099	-	94.42
10	4930	4.41	1118	-	112.58
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

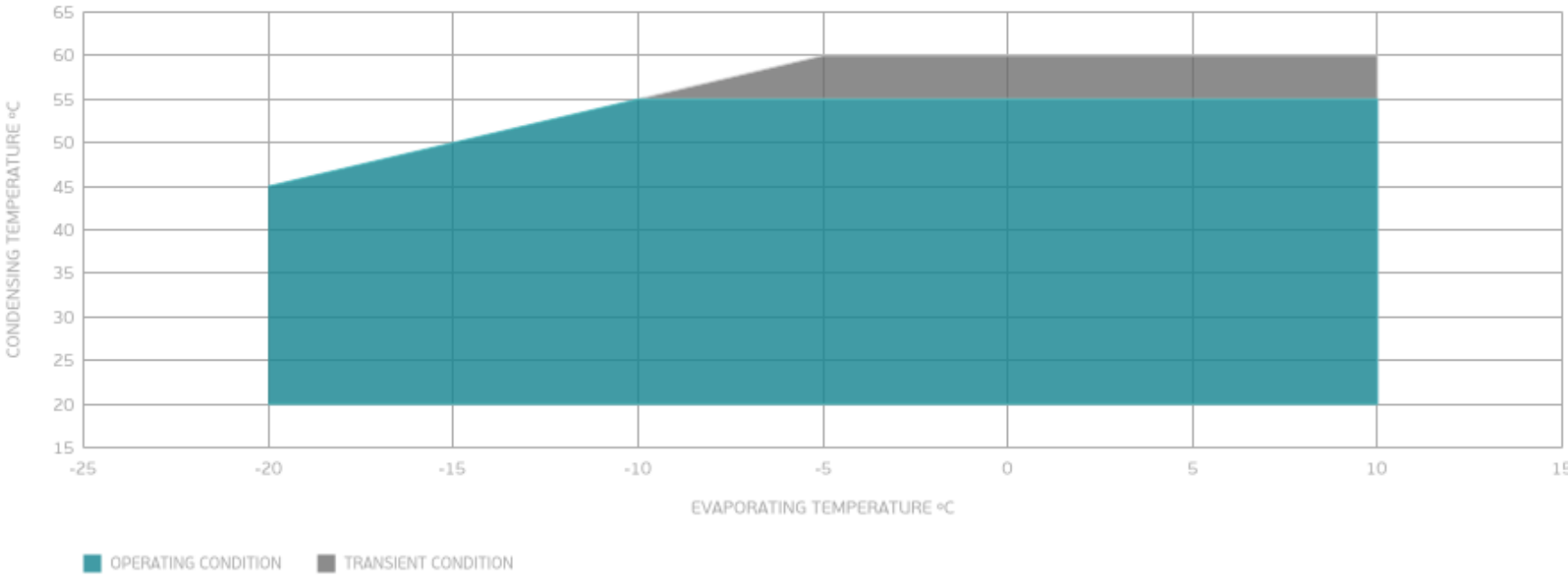
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1295	1.53	845	-	31.07
-15	1635	1.80	907	-	39.47
-10	2039	2.06	992	-	49.54
-5	2507	2.30	1089	-	61.40
0	3039	2.56	1187	-	75.15
5	3633	2.85	1275	-	90.91
10	4290	3.20	1343	-	108.77
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1720	1.67	1029	-	47.02
-5	2116	1.87	1132	-	58.37
0	2568	2.06	1245	-	71.64
5	3077	2.26	1359	-	86.95
10	3641	2.49	1462	-	104.40
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

