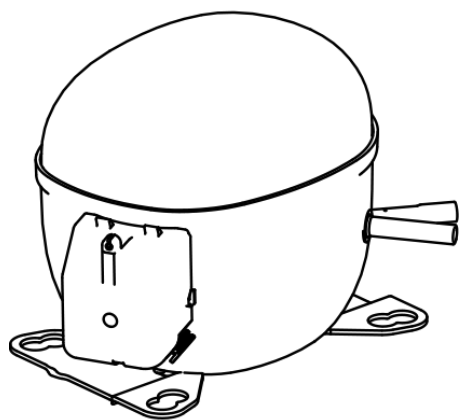


NT6226GKV



**ENGINEERING CODE**  
923AA08



**REFRIGERANT**  
R-404A



**POWER SUPPLY**  
220-240 V 50 Hz



**APPLICATION**  
MBP



**MOTOR TYPE**  
CSCR



**STANDARD**  
EN12900



**COOLING CAPACITY**  
1760 W



**EFFICIENCY**  
1.79 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 cm <sup>3</sup>
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	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	1760	1.79	985	4.77	52.85

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	1340	1.77	755	3.82	34.69
-15	1689	2.06	818	4.12	44.19
-10	2103	2.35	895	4.41	55.48
-5	2582	2.65	973	4.71	68.76
0	3124	3.00	1042	5.03	84.24
5	3729	3.42	1092	5.35	102.12
10	4398	3.96	1110	5.69	122.61

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	1118	1.33	841	4.07	32.96
-15	1412	1.57	902	4.42	42.00
-10	1760	1.79	985	4.77	52.85
-5	2164	2.00	1081	5.13	65.72
0	2621	2.23	1177	5.48	80.81
5	3133	2.48	1264	5.85	98.32
10	3699	2.78	1329	6.23	118.47

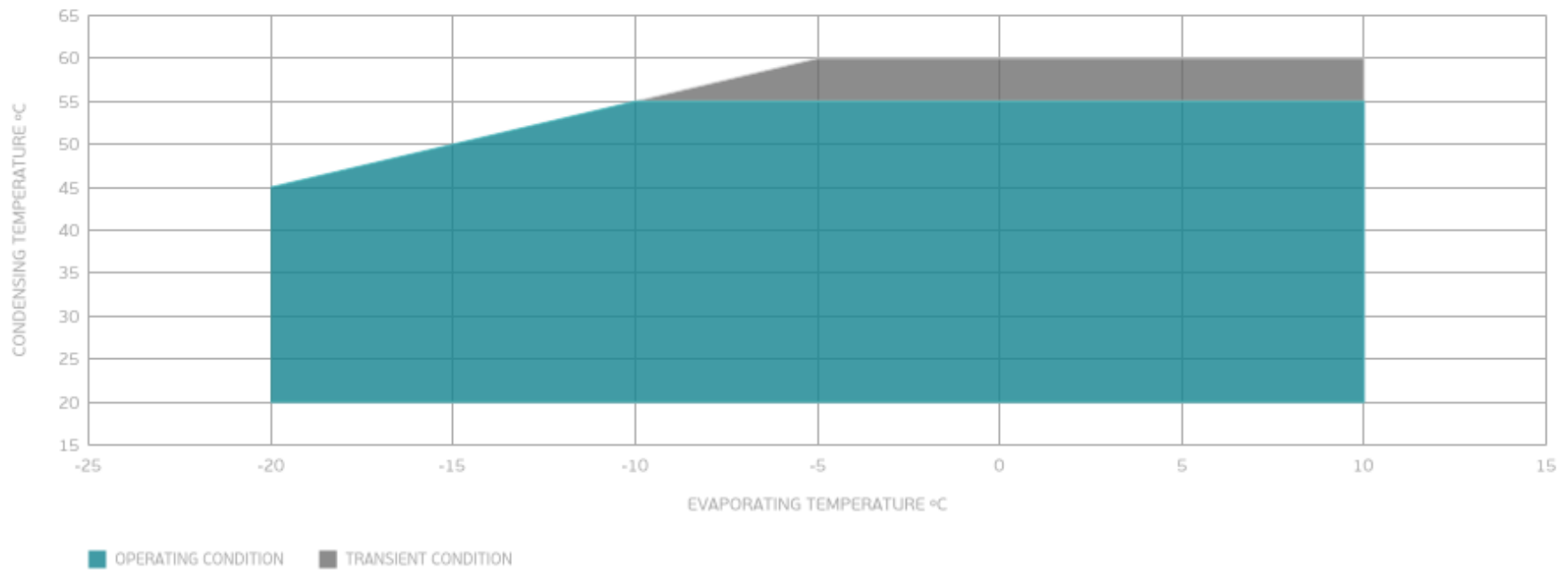
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

**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	1416	1.39	1021	5.15	50.16
-5	1738	1.55	1121	5.58	62.48
0	2106	1.71	1232	6.00	77.03
5	2518	1.88	1343	6.44	94.04
10	2975	2.06	1442	6.88	113.71

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

## ENVELOPE



## EXTERNAL DIMENSIONS

