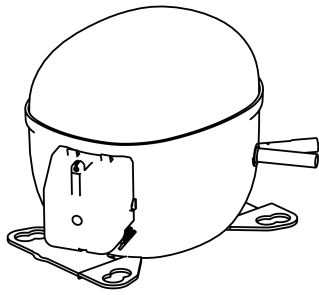


NT6226GK



ENGINEERING CODE
923BD02



REFRIGERANT
R-404A



POWER SUPPLY
208-230 V 60 Hz



APPLICATION
MBP



MOTOR TYPE
CSIR



STANDARD
ASHRAE



COOLING CAPACITY
2248 W



EFFICIENCY
1.44 W/W

DATA

GENERAL DATA

Model	NT6226GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/208
HP	1+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	5.94 Ω at 25°C
Run Winding Resistance	1.18 Ω at 25°C

MECHANICAL DATA

Displacement	22.37 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.5 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	Yes
Starting Device Type	RELAY
Starting Device Description	3ARR2KCP171S*
Overload Protection	T0815/C9

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	208 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
54.4	-6.7	2248	1.44	1557	9.45	61.34

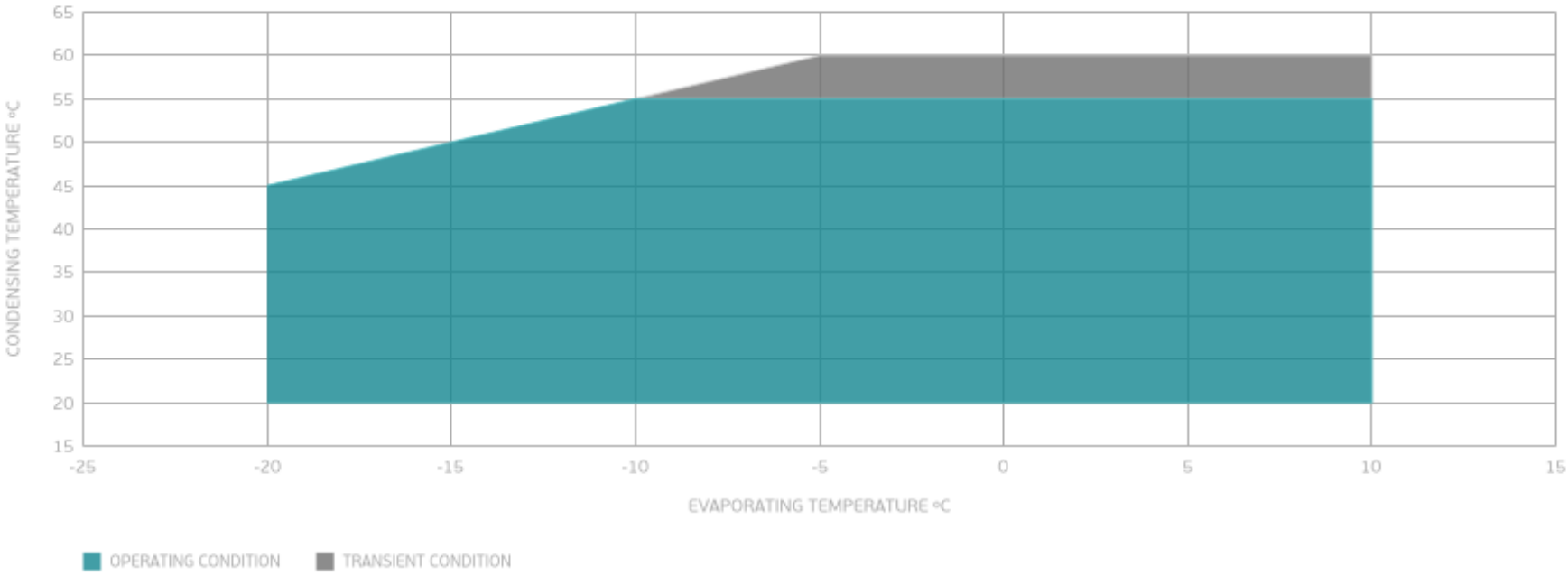
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE				Condensing Temperature 35°C	
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1807	1.66	1087	7.52	39.24
-15	2214	1.86	1188	7.87	48.38
-10	2691	2.06	1308	8.28	59.16
-5	3246	2.26	1436	8.75	71.84
0	3883	2.49	1561	9.29	86.70
5	4610	2.76	1669	9.92	104.02
10	5432	3.10	1751	10.64	124.08
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	1553	1.31	1183	7.63	37.23
-15	1910	1.49	1284	8.10	46.09
-10	2328	1.64	1419	8.63	56.56
-5	2814	1.79	1576	9.21	68.92
0	3374	1.94	1743	9.87	83.45
5	4013	2.10	1909	10.61	100.42
10	4738	2.30	2062	11.44	120.11
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	1956	1.35	1450	9.00	53.45
-5	2371	1.47	1616	9.73	65.42
0	2850	1.58	1807	10.53	79.55
5	3400	1.69	2012	11.41	96.10
10	4025	1.82	2218	12.38	115.35
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

EXTERNAL CHARACTERISTICS

Base Plate	UNI
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	6.42 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

