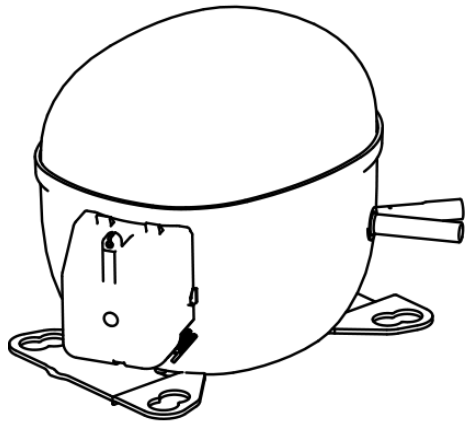


NT6222GK



ENGINEERING CODE
922CA09



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
1338 W



EFFICIENCY
1.63 W/W



DATA

GENERAL DATA

Model	NT6222GK
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	9.0 Ω at 25°C
Run Winding Resistance	2.3 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	30 A

MECHANICAL DATA

Displacement	17.39 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.2 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	T0624/G9

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	1338	1.63	823	-	40.17

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	1052	1.58	664	-	27.24
-15	1310	1.86	702	-	34.26
-10	1619	2.14	756	-	42.69
-5	1981	2.43	814	-	52.76
0	2399	2.77	866	-	64.69
5	2873	3.19	902	-	78.67
10	3405	3.74	910	-	94.94

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	863	1.17	738	-	25.43
-15	1080	1.41	768	-	32.12
-10	1338	1.63	823	-	40.17
-5	1640	1.84	892	-	49.82
0	1987	2.06	964	-	61.27
5	2382	2.31	1029	-	74.74
10	2825	2.63	1076	-	90.45

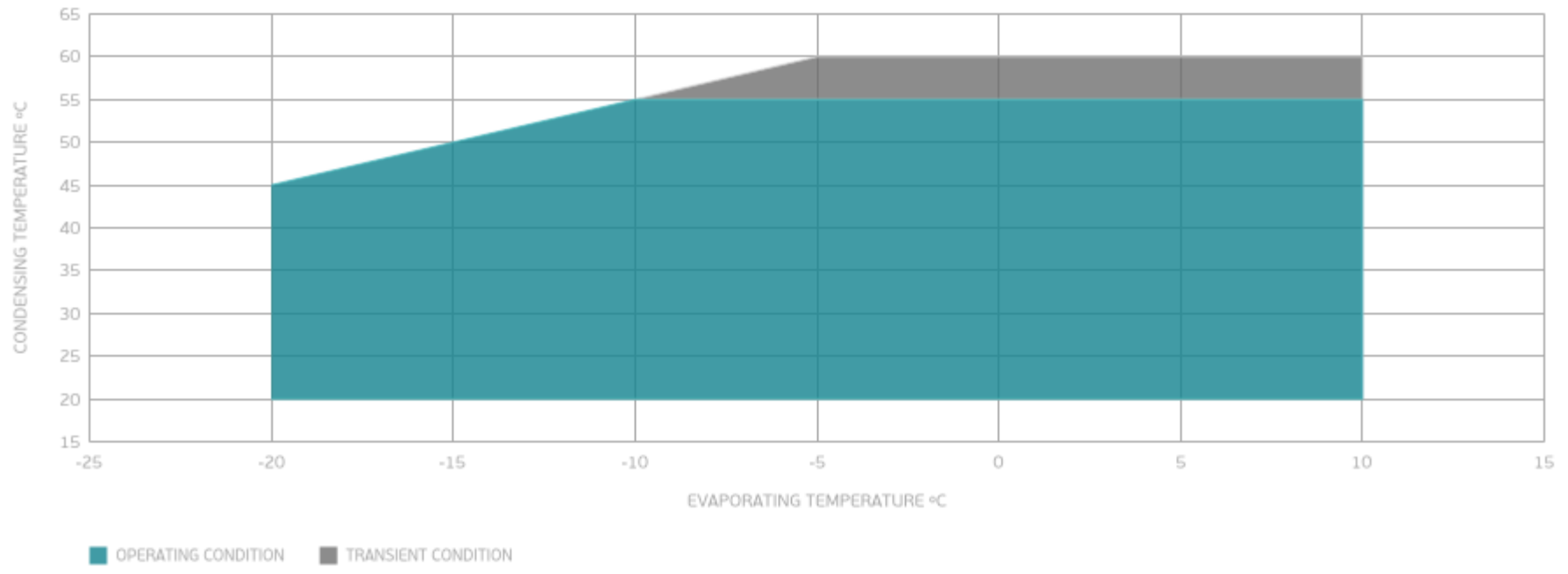
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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	1045	1.25	838	-	37.01
-5	1284	1.42	907	-	46.16
0	1560	1.58	989	-	57.07
5	1873	1.74	1073	-	69.95
10	2224	1.94	1148	-	85.03

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

ENVELOPE



EXTERNAL DIMENSIONS

