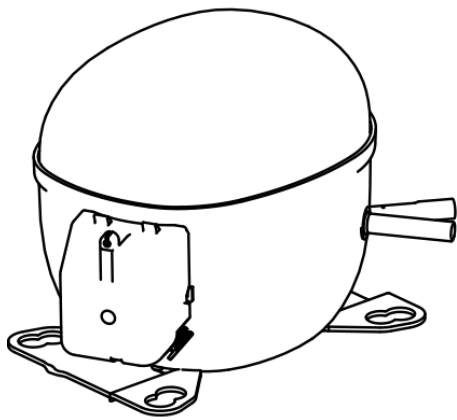


NT6220GK



ENGINEERING CODE
922BN09



POWER SUPPLY
200-240 V 50
Hz/230 V 60 Hz



MOTOR TYPE
CSIR



REFRIGERANT
R-404A



APPLICATION
MBP



STANDARD
EN12900



COOLING CAPACITY
1089 W



EFFICIENCY
1.68 W/W

DATA

GENERAL DATA

Model	NT6220GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/200
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	12.16 Ω at 25°C
Run Winding Resistance	1.86 Ω at 25°C

MECHANICAL DATA

Displacement	14.5 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRPH-55*
Overload Protection	MRA38112-3259

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	200 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	1089	1.68	647	-	32.68
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	839	1.72	488	-	21.71
-15	1069	2.01	533	-	27.98
-10	1343	2.30	585	-	35.43
-5	1661	2.60	639	-	44.23
0	2023	2.94	688	-	54.56
5	2431	3.34	727	-	66.57
10	2885	3.85	749	-	80.44
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

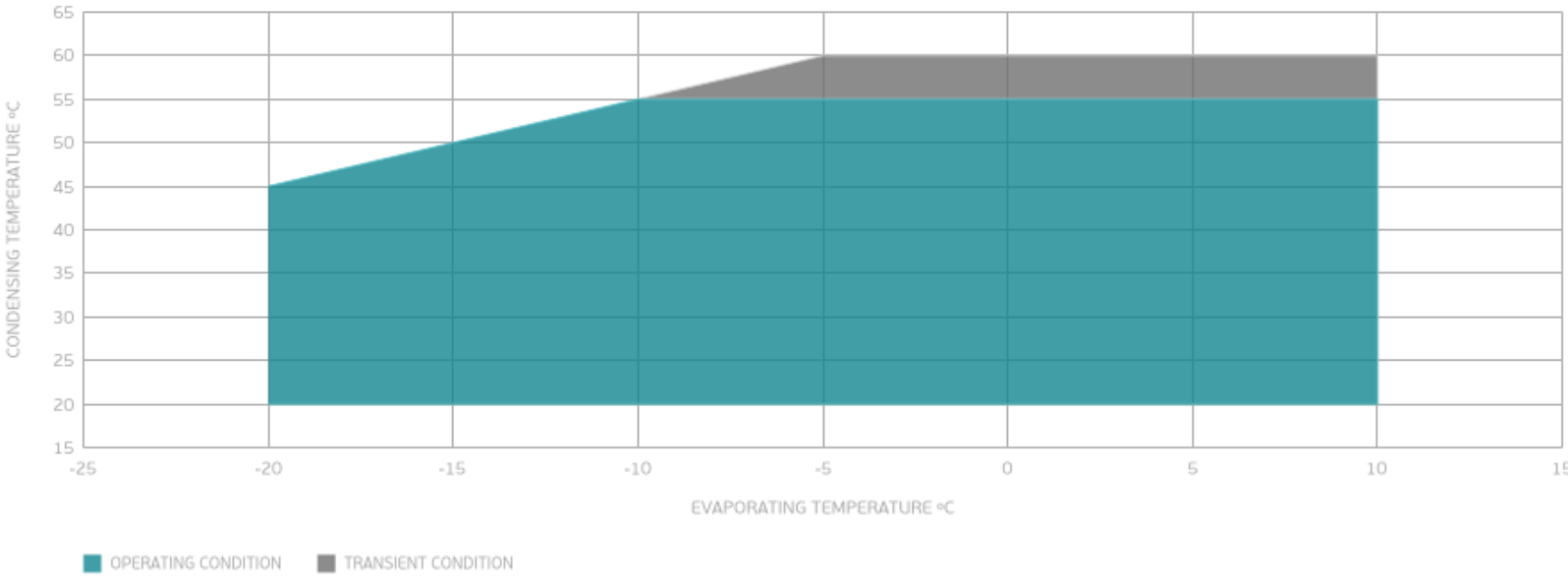
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	678	1.26	539	-	20.01
-15	864	1.47	586	-	25.71
-10	1089	1.68	647	-	32.68
-5	1354	1.89	716	-	41.10
0	1659	2.11	788	-	51.13
5	2006	2.35	854	-	62.94
10	2394	2.63	911	-	76.71
Test Condition: Subcooling 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	859	1.29	668	-	30.44
-5	1065	1.43	744	-	38.27
0	1306	1.58	829	-	47.81
5	1585	1.73	916	-	59.22
10	1902	1.91	998	-	72.68
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

