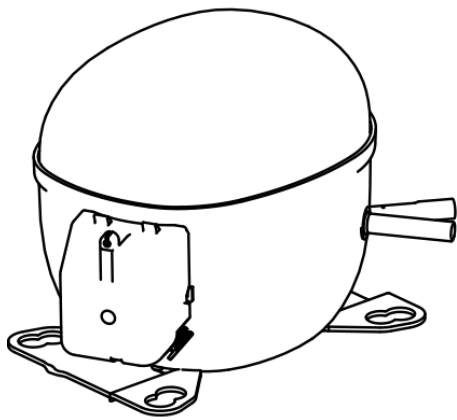


NT6220GKV



ENGINEERING CODE
922JN09



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



MOTOR TYPE
CSCR



REFRIGERANT
R-404A



APPLICATION
MBP



STANDARD
CECOMAF



COOLING CAPACITY
901 W



EFFICIENCY
1.41 W/W

DATA

GENERAL DATA

Model	NT6220GKV
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
Run Capacitor	17.5 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	RVA4AL3C-649
Overload Protection	MRA38112-3261

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	CECOMAF
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
55	-10	901	1.41	641	-	28.77
Test Condition: Subcooling 0 K, Return Gas 32 °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	871	1.74	500	-	20.94
-15	1116	2.04	547	-	27.00
-10	1402	2.34	599	-	34.16
-5	1729	2.66	650	-	42.47
0	2094	3.02	694	-	51.95
5	2495	3.45	724	-	62.65
10	2931	4.00	733	-	74.61
Test Condition: Subcooling 0 K, Return Gas 32 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

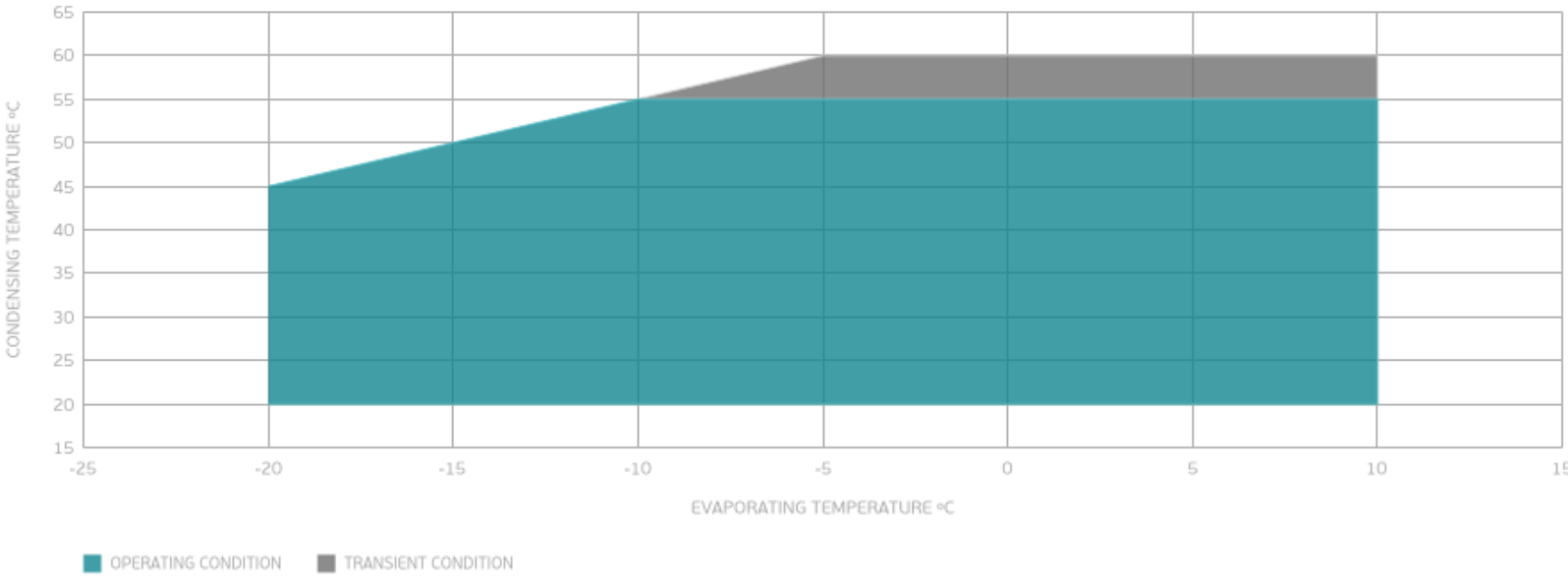
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	704	1.33	528	-	19.06
-15	904	1.57	574	-	24.62
-10	1142	1.80	634	-	31.36
-5	1418	2.02	701	-	39.31
0	1730	2.25	768	-	48.52
5	2075	2.50	828	-	59.03
10	2452	2.80	877	-	70.86
Test Condition: Subcooling 0 K, Return Gas 32 °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	901	1.41	641	-	28.77
-5	1121	1.58	711	-	36.19
0	1373	1.74	790	-	44.94
5	1657	1.90	871	-	55.06
10	1969	2.08	948	-	66.58
Test Condition: Subcooling 0 K, Return Gas 32 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

