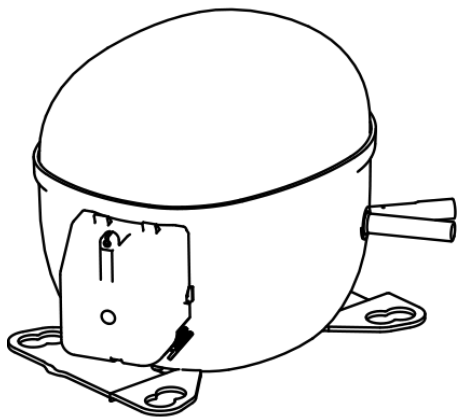


NT6220GKV



ENGINEERING CODE
922JD04



REFRIGERANT
R-404A



POWER SUPPLY
208-230 V 60 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
1299 W



EFFICIENCY
1.7 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/230
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	6.49 Ω at 25°C
Run Winding Resistance	1.69 Ω at 25°C
Locked Rotor Amperage (LRA) 60Hz	26.5 A

MECHANICAL DATA

Displacement	14.5 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	16.9 Kg

ELECTRICAL COMPONENTS

Start Capacitor	72-88 µf/330 V
Run Capacitor	15.0 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	RVA4AL3C-649
Overload Protection	T0590/G9

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

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	230 V
Tested Frequency	60 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	1299	1.7	762	-	39.01
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	1004	1.73	579	-	26.04
-15	1261	1.96	642	-	32.94
-10	1557	2.22	702	-	41.03
-5	1891	2.51	754	-	50.37
0	2262	2.86	791	-	61.01
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

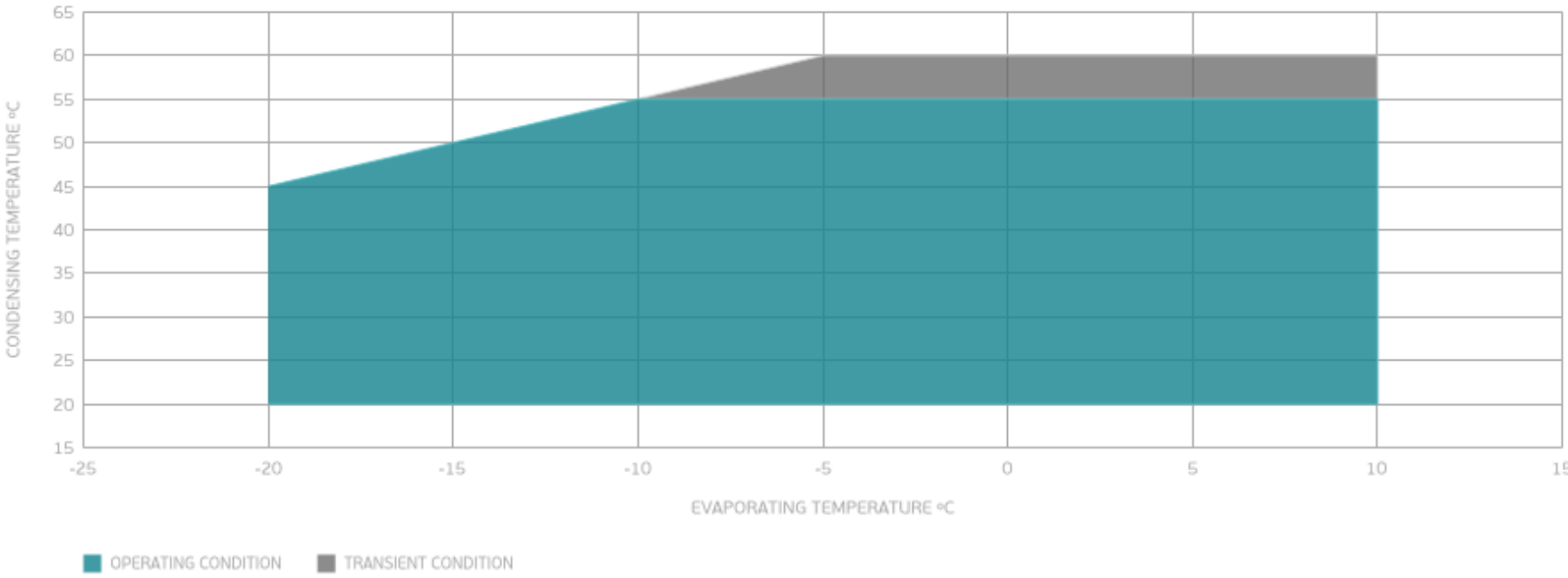
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	828	1.35	615	-	24.40
-15	1048	1.53	686	-	31.14
-10	1299	1.70	762	-	39.01
-5	1581	1.89	839	-	48.07
0	1893	2.08	909	-	58.37
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication 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	1023	1.27	804	-	36.27
-5	1253	1.40	895	-	45.05
0	1505	1.52	988	-	55.01
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

