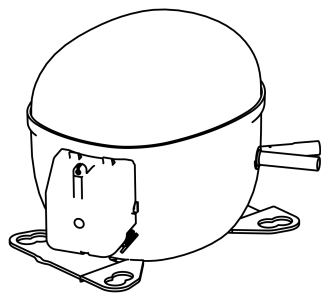


NT2212GK



ENGINEERING CODE
925DA08



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
739 W



EFFICIENCY
1.1 W/W

DATA

GENERAL DATA

Model	NT2212GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	3.89 Ω at 25°C
Run Winding Resistance	1.69 Ω at 25°C

MECHANICAL DATA

Displacement	27.8 cm³
Oil Charge	650 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	18.3 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
Run Capacitor	20.0 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	RVA2E3C-103
Overload Protection	15HM1962-240 (internal)

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 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
40	-35	739	1.1	672	-	20.04

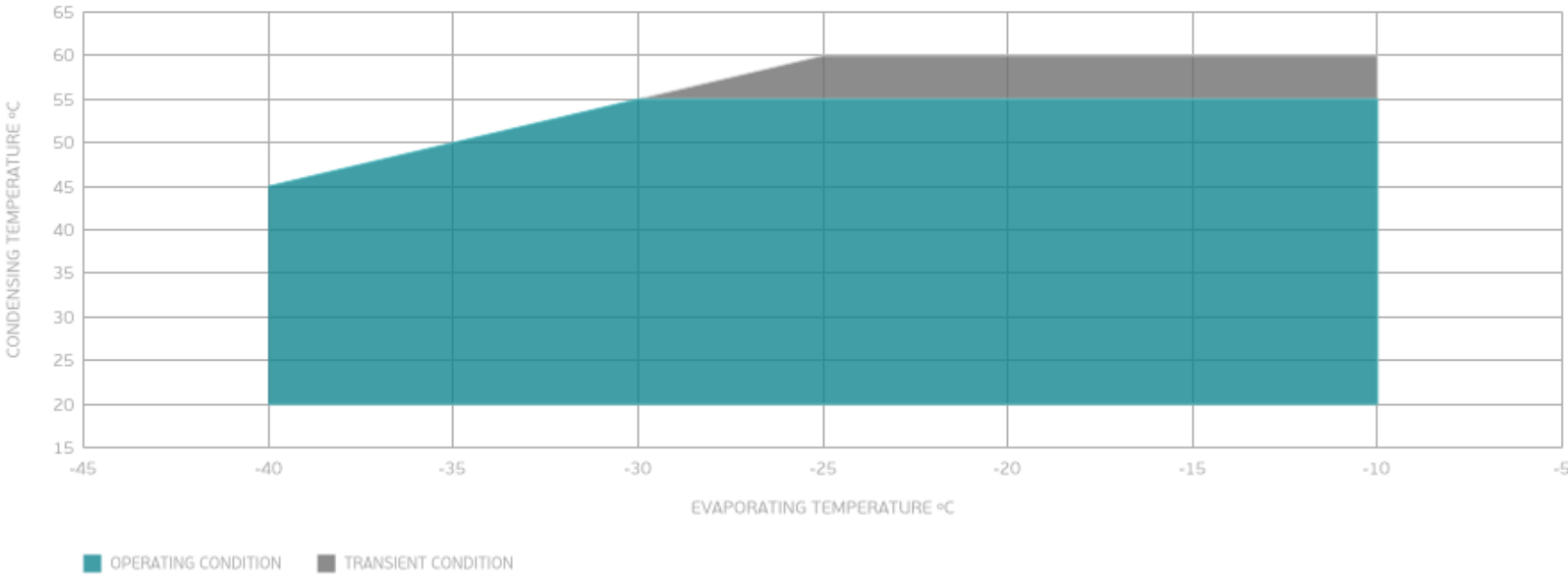
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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
-40	616	1.08	568	-	15.65
-35	818	1.25	656	-	20.90
-30	1065	1.42	750	-	27.32
-25	1362	1.61	846	-	35.06
-20	1710	1.81	942	-	44.29
-15	2113	2.05	1033	-	55.18
-10	2574	2.31	1116	-	67.88
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
-40	490	0.84	584	-	14.12
-35	661	0.97	682	-	19.13
-30	871	1.10	792	-	25.33
-25	1124	1.24	908	-	32.88
-20	1423	1.38	1028	-	41.93
-15	1770	1.54	1149	-	52.66
-10	2170	1.71	1266	-	65.23
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
-30	677	0.84	806	-	23.12
-25	884	0.94	940	-	30.39
-20	1130	1.04	1081	-	39.20
-15	1418	1.15	1228	-	49.70
-10	1753	1.27	1376	-	62.05
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

ENVELOPE



External

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

EXTERNAL DIMENSIONS

