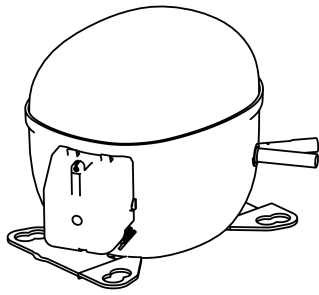


NTX6238U



ENGINEERING CODE
843JA82



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
2736 W



EFFICIENCY
2.02 W/W



DATA

GENERAL DATA

Model	NTX6238U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
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	3.8 Ω at 25°C
Run Winding Resistance	1.55 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	40 A

MECHANICAL DATA

Displacement	33.42 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	108-130 µf/330 V
Run Capacitor	30.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA3G3C-101
Overload Protection	USP-605-84 (internal)

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Max Refrigerant Charge	400 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
54.4	-6.7	2736	2.02	1356	6.64	31.29

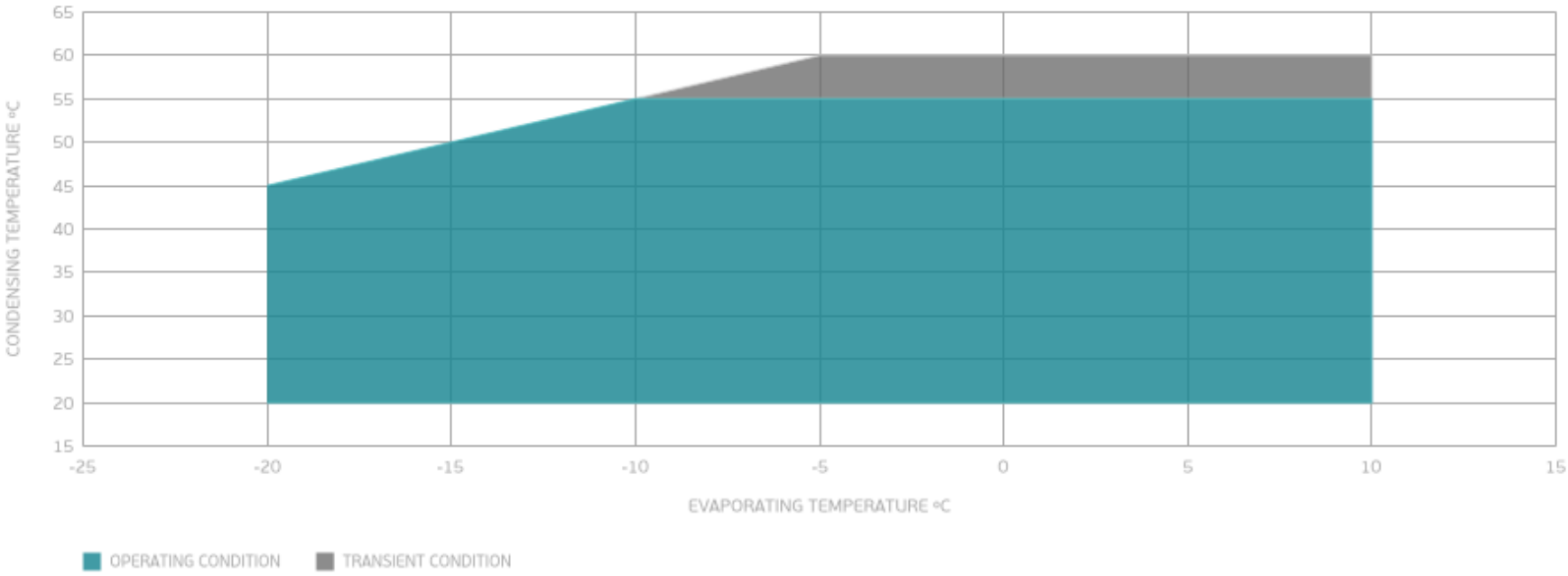
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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	2071	2.17	954	4.72	19.95
-15	2555	2.48	1030	5.05	24.70
-10	3113	2.79	1117	5.38	30.22
-5	3746	3.11	1203	5.73	36.53
0	4455	3.49	1277	6.08	43.69
5	5240	3.94	1329	6.44	51.72
10	6101	4.53	1346	6.80	60.67
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

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	1814	1.73	1051	4.98	18.87
-15	2250	1.99	1128	5.42	23.51
-10	2754	2.24	1228	5.85	28.89
-5	3325	2.48	1339	6.28	35.07
0	3965	2.74	1449	6.70	42.08
5	4674	3.02	1549	7.11	49.95
10	5452	3.35	1627	7.52	58.73
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

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	2382	1.86	1280	6.33	27.30
-5	2890	2.06	1401	6.85	33.32
0	3460	2.26	1534	7.36	40.15
5	4092	2.45	1668	7.85	47.85
10	4786	2.67	1792	8.32	56.44
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



External

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

EXTERNAL DIMENSIONS

