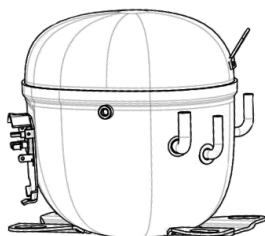


NT6217U



ENGINEERING CODE
842FA04

REFRIGERANT
R-290

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
MBP

MOTOR TYPE
CSIR

STANDARD
ASHRAE

COOLING CAPACITY
1019 W

EFFICIENCY
1.79 W/W



DATA

GENERAL DATA

Model	NT6217U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/2+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	12.7 Ω at 25°C
Run Winding Resistance	2.7 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	25 A

MECHANICAL DATA

Displacement	14.5 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	16.9 Kg

ELECTRICAL COMPONENTS

Start Capacitor	53-64 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Overload Protection	T0645/G6

EXTERNAL CHARACTERISTICS

Base Plate	UNI
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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-290
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
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	1019	1.79	568	3.81	11.66

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	798	1.99	401	3.24	7.68
-15	1004	2.32	432	3.33	9.71
-10	1245	2.69	464	3.41	12.09
-5	1525	3.11	491	3.48	14.87
0	1845	3.62	509	3.54	18.09
5	2209	4.29	514	3.60	21.80
10	2619	5.23	501	3.65	26.04

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	661	1.51	437	3.32	6.88
-15	839	1.77	474	3.45	8.76
-10	1050	2.04	515	3.57	11.02
-5	1298	2.34	556	3.67	13.69
0	1586	2.68	592	3.77	16.83
5	1916	3.10	618	3.87	20.47
10	2290	3.63	630	3.96	24.67

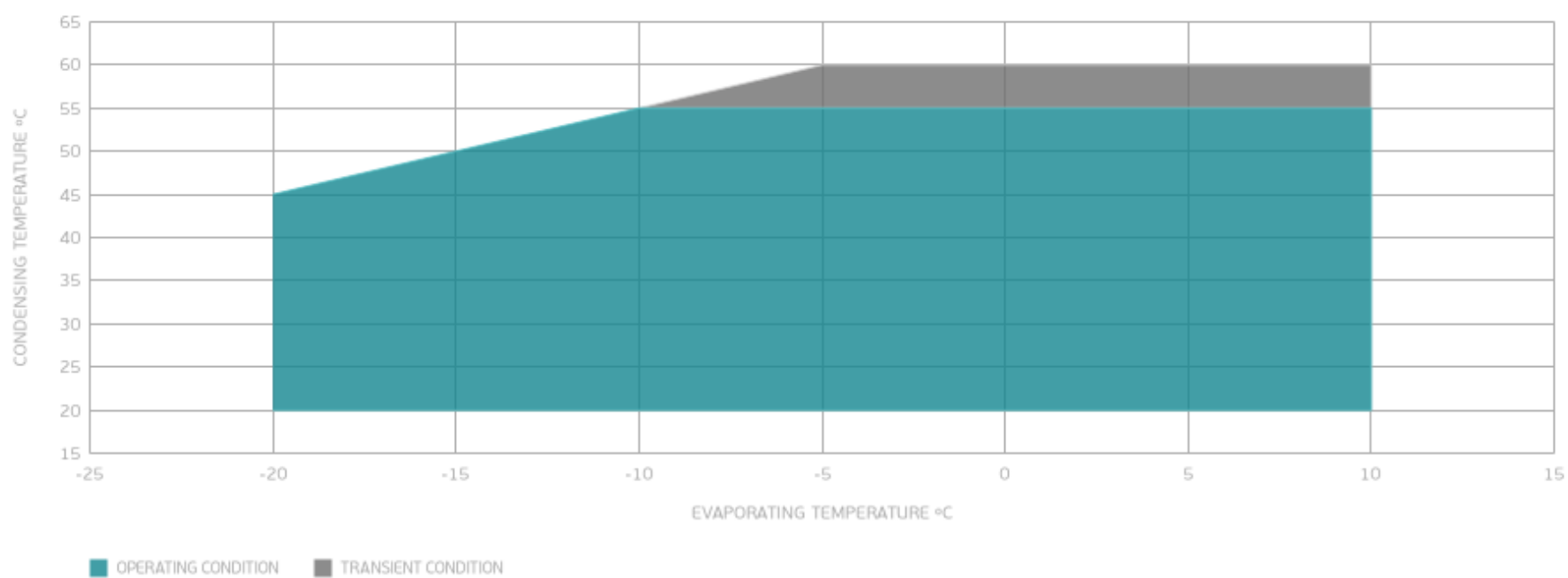
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE**Condensing Temperature 55°C**

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	871	1.63	535	3.72	9.98
-5	1084	1.85	586	3.88	12.50
0	1336	2.10	636	4.02	15.51
5	1628	2.39	681	4.16	19.04
10	1964	2.75	715	4.29	23.16

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 DIMENSIONS

