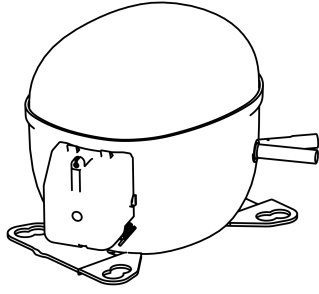


NT2210U



ENGINEERING CODE
843BA02



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
1192 W



EFFICIENCY
1.42 W/W



DATA

GENERAL DATA

Model	NT2210U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 1/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	6.82 Ω at 25°C
Run Winding Resistance	2.82 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	30 A

MECHANICAL DATA

Displacement	27.8 cm ³
Oil Charge	450 ml
Oil Type	AB
Oil Viscosity	ISO32
Weight	17.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
Run Capacitor	17.5 µf/450 V
CSR CSIR BOX	Yes
Starting Device Description	RVA2E3C-103 RVA2E3C-547
Overload Protection	USP-533-84 (internal)

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	LBP
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	-23.3	1192	1.42	840	4.43	12.1

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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
-40	612	1.19	513	3.09	6.17
-35	796	1.37	580	3.33	8.03
-30	1020	1.56	653	3.60	10.32
-25	1290	1.77	729	3.88	13.08
-20	1607	2.00	803	4.19	16.36
-15	1975	2.27	871	4.52	20.18
-10	2397	2.58	928	4.87	24.60

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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
-40	553	1.04	534	3.12	5.57
-35	726	1.20	607	3.43	7.33
-30	940	1.36	691	3.76	9.51
-25	1199	1.53	782	4.11	12.16
-20	1505	1.72	874	4.49	15.32
-15	1861	1.93	964	4.87	19.02
-10	2272	2.17	1048	5.28	23.31

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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
-30	844	1.20	702	3.90	8.54
-25	1091	1.36	804	4.30	11.06
-20	1384	1.52	913	4.72	14.08
-15	1727	1.69	1023	5.15	17.65
-10	2124	1.88	1131	5.59	21.80

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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

