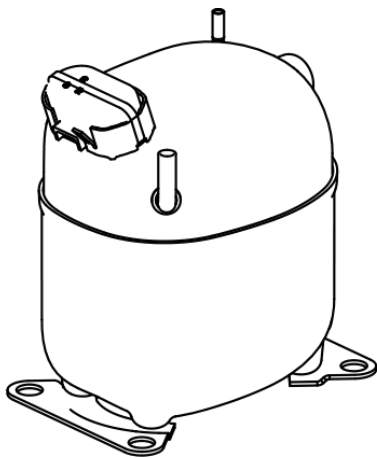


NJX2215U



ENGINEERING CODE
887FA21



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
943 W



EFFICIENCY
1.25 W/W

DATA

GENERAL DATA

Model	NJX2215U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	4.3 Ω at 25°C
Run Winding Resistance	1.78 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	34 A

MECHANICAL DATA

Displacement	37.88 cm³
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	22 Kg

ELECTRICAL COMPONENTS

Start Capacitor	108-130 µf/330 V
Run Capacitor	20.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA3H3C-108
Overload Protection	15HM1994-248 (internal)

EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.81 mm	VERTICAL	COPPER
Discharge	8.04 mm	SLANTED J	COPPER
Process	6.45 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
Max Refrigerant Charge	500 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	943	1.25	755	4.02	10.83
Test Condition: Subcooling 0 K, Return Gas 20 °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	772	1.21	638	3.50	8.45
-35	1020	1.39	734	3.93	11.20
-30	1330	1.59	839	4.38	14.64
-25	1701	1.80	946	4.83	18.78
-20	2131	2.03	1050	5.30	23.62
-15	2619	2.28	1148	5.77	29.17
-10	3165	2.56	1234	6.26	35.44
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 45°C

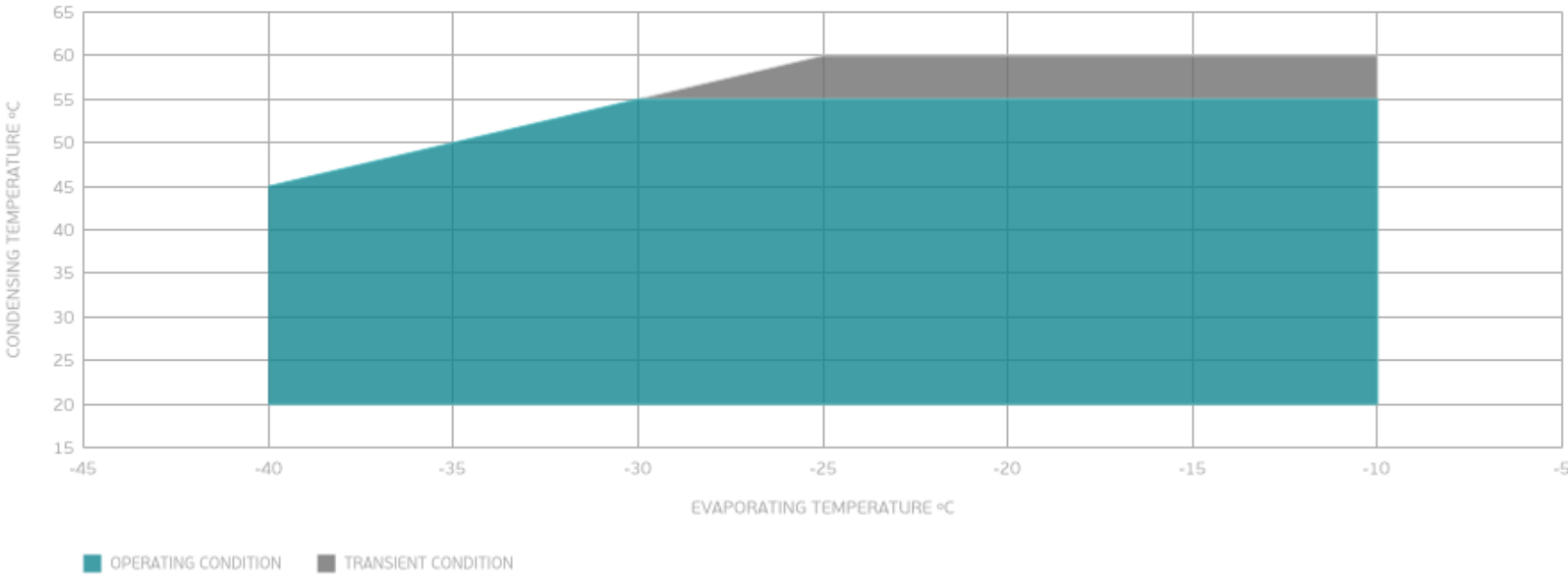
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-40	645	0.97	666	3.58	7.74
-35	862	1.12	771	4.06	10.37
-30	1132	1.27	889	4.57	13.67
-25	1455	1.43	1017	5.10	17.64
-20	1830	1.59	1148	5.65	22.28
-15	2255	1.77	1278	6.23	27.59
-10	2730	1.95	1401	6.83	33.59
Test Condition: Subcooling 0 K, Return Gas 20 °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	918	1.01	911	4.73	12.34
-25	1195	1.13	1055	5.35	16.13
-20	1516	1.25	1208	6.02	20.56
-15	1879	1.38	1366	6.72	25.64
-10	2283	1.50	1524	7.46	31.36
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



EXTERNAL DIMENSIONS

