

NEU2155U



ENGINEERING CODE
862KA58



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
374 W



EFFICIENCY
1.31 W/W



DATA

GENERAL DATA

Model	NEU2155U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	19.29 Ω at 25°C
Run Winding Resistance	5.98 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	17.5 A
Rated Load Amperage (LMBP) at 50 Hz	2.6 A

MECHANICAL DATA

Displacement	13.54 cm ³
Oil Charge	350 ml
Oil Type	AB
Oil Viscosity	ISO32
Weight	11.1 Kg

ELECTRICAL COMPONENTS

Start Capacitor	64-77 µf/330 V
Run Capacitor	5.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA4L3C-566
Overload Protection	T0168/G9

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
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	374	1.31	286	-	4.29

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	310	1.27	245	-	3.40
-35	403	1.46	277	-	4.42
-30	515	1.66	310	-	5.67
-25	649	1.89	344	-	7.16
-20	805	2.14	376	-	8.92
-15	985	2.43	405	-	10.97
-10	1190	2.77	430	-	13.33

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	264	1.03	257	-	3.17
-35	345	1.18	292	-	4.16
-30	445	1.34	332	-	5.37
-25	563	1.51	373	-	6.82
-20	702	1.70	414	-	8.54
-15	862	1.90	454	-	10.55
-10	1046	2.13	491	-	12.87

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	373	1.09	343	-	5.02
-25	476	1.22	391	-	6.43
-20	597	1.36	440	-	8.10
-15	738	1.51	490	-	10.07
-10	899	1.67	538	-	12.34

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

ENVELOPE



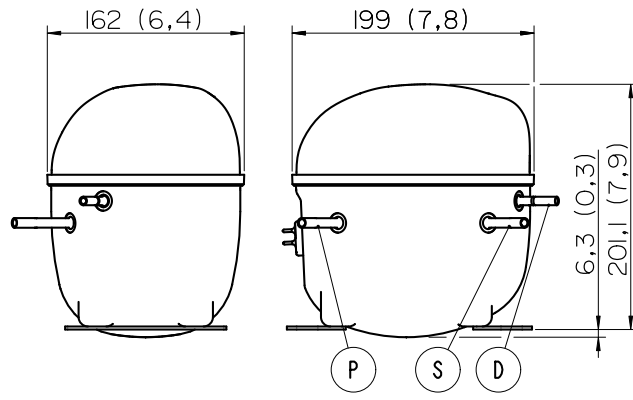
External

EXTERNAL CHARACTERISTICS

Base Plate		SMALL	
Tray Holder		YES	
Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

