

NEU6217U



**ENGINEERING CODE**  
863SA51



**REFRIGERANT**  
R-290



**POWER SUPPLY**  
220-240 V 50 Hz



**APPLICATION**  
MBP



**MOTOR TYPE**  
CSIR



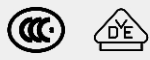
**STANDARD**  
EN12900



**COOLING CAPACITY**  
1032 W



**EFFICIENCY**  
1.82 W/W



DATA

GENERAL DATA

Model	NEU6217U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	14.95 Ω at 25°C
Run Winding Resistance	5.35 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	21 A

## MECHANICAL DATA

Displacement	14.28 cm <sup>3</sup>
Oil Charge	350 ml
Oil Type	AB
Oil Viscosity	ISO32
Weight	10.6 Kg

## ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRPH-0071-65*
Overload Protection	MRA38173-3259

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	MBP
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
45	-10	1032	1.82	566	3.29	12.7

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
-20	787	1.84	429	2.74	8.72
-15	968	2.08	466	2.88	10.79
-10	1184	2.35	504	3.01	13.26
-5	1435	2.66	539	3.15	16.17
0	1720	3.03	568	3.28	19.53
5	2041	3.49	585	3.42	23.37
10	2396	4.09	586	3.56	27.72

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
-20	687	1.44	475	2.95	8.36
-15	844	1.63	517	3.12	10.33
-10	1032	1.82	566	3.29	12.70
-5	1249	2.03	616	3.44	15.48
0	1497	2.25	665	3.59	18.70
5	1775	2.51	708	3.74	22.39
10	2083	2.81	740	3.88	26.56

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

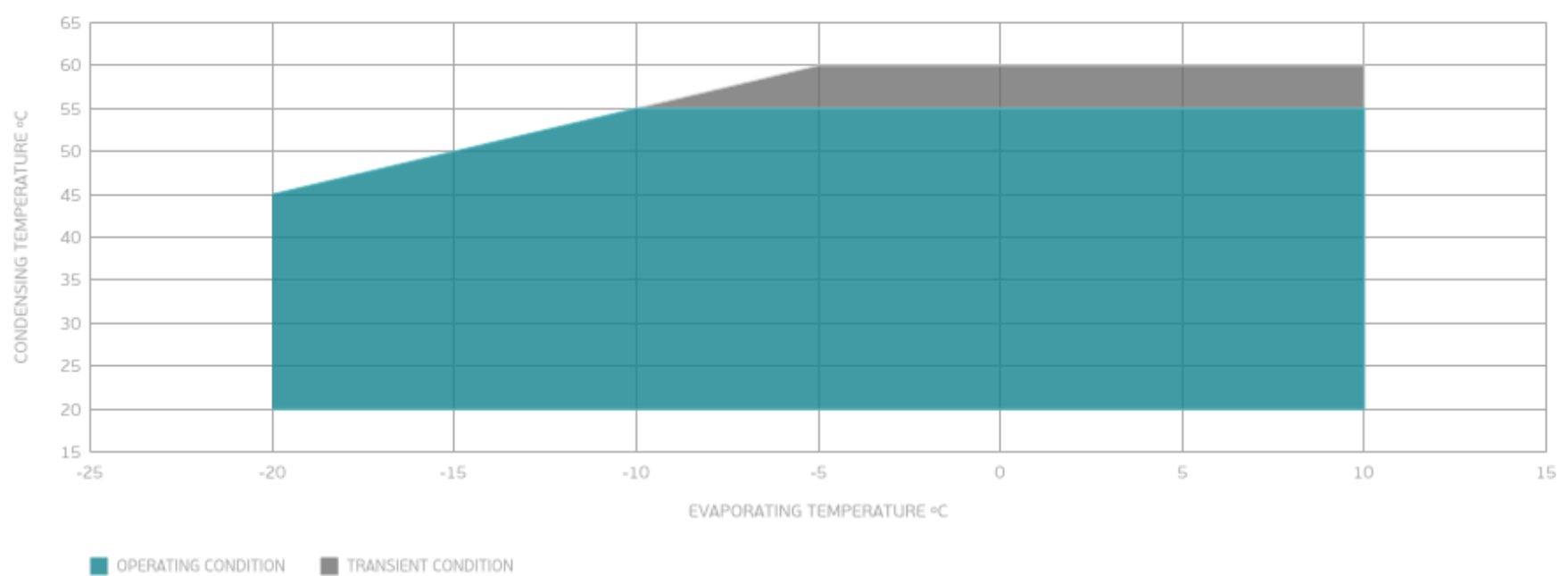
## PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	870	1.44	605	3.53	11.95
-5	1054	1.59	665	3.78	14.59
0	1264	1.73	729	4.01	17.66
5	1500	1.89	792	4.23	21.19
10	1762	2.07	850	4.44	25.18

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

## ENVELOPE



## External

### EXTERNAL CHARACTERISTICS

Base Plate		SMALL	
Tray Holder		NO	
<b>Connector</b>	<b>Internal Diameter</b>	<b>Shape</b>	<b>Material</b>
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

