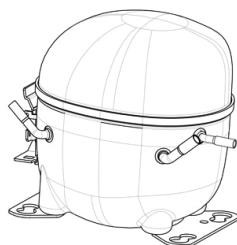


NEU6210GK



ENGINEERING CODE
958LB92

REFRIGERANT
R-404A

POWER SUPPLY
200-230 V 50 Hz/
208-230 V 60 Hz

APPLICATION
MBP

STANDARD
ASHRAE

MOTOR TYPE
CSCR



COOLING CAPACITY
715 W

EFFICIENCY
1.95 W/W

DATA

GENERAL DATA

Model	NEU6210GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/200
HP	1/3
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	27.92 Ω at 25°C
Run Winding Resistance	4.53 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	21 A

MECHANICAL DATA

Displacement	7.28 cm ³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11.1 Kg

ELECTRICAL COMPONENTS

Start Capacitor	64-77 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	T0886/07

EXTERNAL CHARACTERISTICS

Base Plate	UNI
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Connector	Internal Diameter	Shape	Material
Suction	6.45 mm	SLANTED 42°	COPPER
Discharge	6.45 mm	STRAIGHT	COPPER
Process	6.45 mm	SLANTED 42°	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	200 V
Tested Frequency	50 Hz
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	715	1.95	366	2.4	19.5

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	556	2.15	258	1.95	12.07
-15	696	2.48	281	2.03	15.23
-10	861	2.82	305	2.11	18.93
-5	1052	3.21	328	2.18	23.28
0	1272	3.68	345	2.25	28.39
5	1523	4.28	356	2.32	34.35
10	1807	5.10	355	2.38	41.28

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	468	1.67	280	2.00	11.22
-15	592	1.95	304	2.11	14.30
-10	738	2.22	333	2.22	17.93
-5	907	2.49	363	2.32	22.20
0	1101	2.80	393	2.42	27.23
5	1323	3.17	417	2.52	33.10
10	1575	3.63	434	2.61	39.93

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

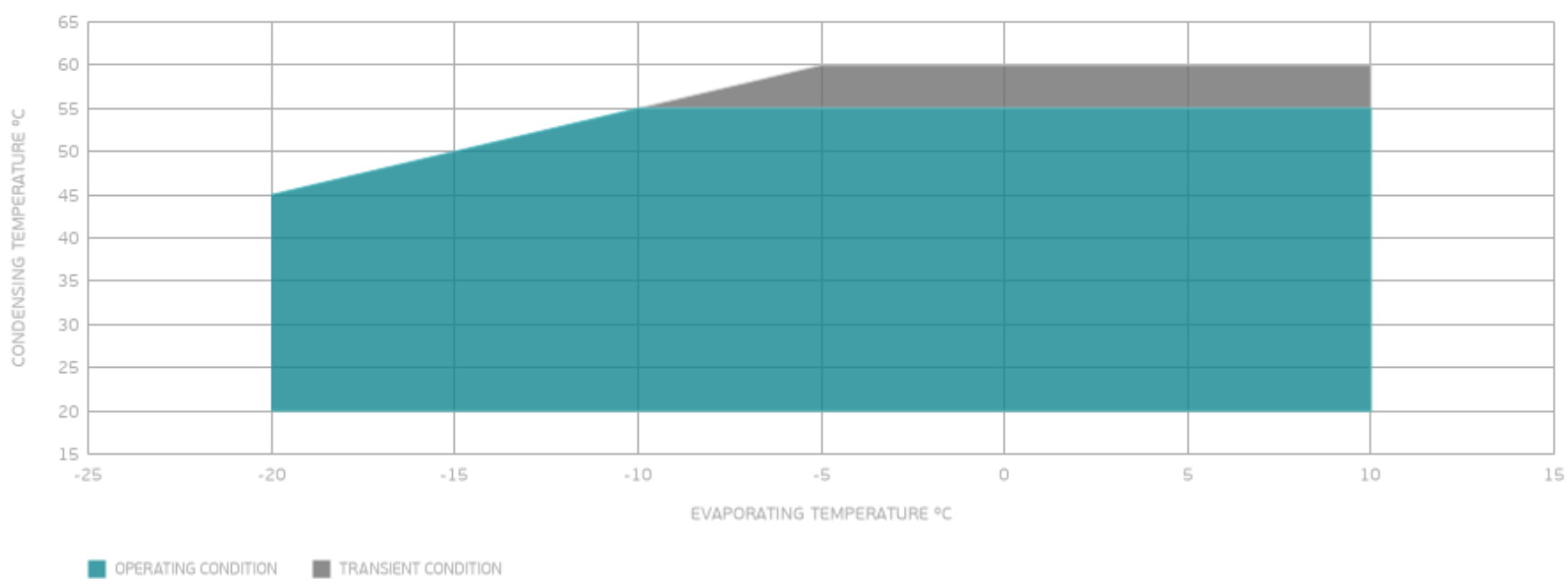
PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	613	1.78	344	2.32	16.74
-5	758	2.00	379	2.45	20.92
0	926	2.23	416	2.58	25.84
5	1118	2.48	452	2.71	31.61
10	1337	2.77	483	2.83	38.34

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

