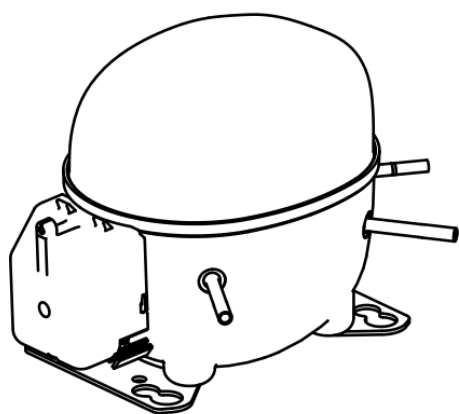


NEU6220GK



**ENGINEERING CODE**  
959TA51

**REFRIGERANT**  
R-404A

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

**APPLICATION**  
MBP

**MOTOR TYPE**  
CSCR

**STANDARD**  
EN12900

**COOLING CAPACITY**  
1245 W

**EFFICIENCY**  
1.73 W/W



DATA

GENERAL DATA

Model	NEU6220GK
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	10.9 Ω at 25°C
Run Winding Resistance	3.59 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	25 A

## MECHANICAL DATA

Displacement	14.28 cm <sup>3</sup>
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11.5 Kg

## ELECTRICAL COMPONENTS

Start Capacitor	108-130 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	MRA38168-3261

## EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 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
45	-10	1245	1.73	720	-	37.37

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
-20	973	1.77	549	-	25.19
-15	1206	2.02	598	-	31.54
-10	1478	2.25	656	-	38.99
-5	1791	2.50	717	-	47.71
0	2145	2.78	772	-	57.85
5	2541	3.11	817	-	69.59
10	2980	3.53	844	-	83.08

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
-20	814	1.34	608	-	24.00
-15	1013	1.54	656	-	30.13
-10	1245	1.73	720	-	37.37
-5	1510	1.90	793	-	45.87
0	1811	2.08	870	-	55.81
5	2146	2.28	943	-	67.35
10	2518	2.50	1006	-	80.66

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
-10	1005	1.34	749	-	35.61
-5	1220	1.48	826	-	43.84
0	1463	1.60	913	-	53.51
5	1735	1.73	1004	-	64.80
10	2037	1.86	1092	-	77.85

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

## ENVELOPE



## EXTERNAL DIMENSIONS

