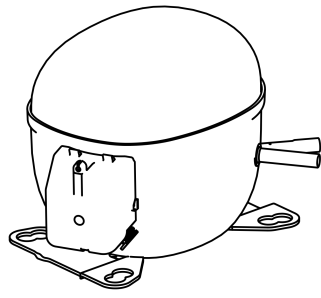


NT6222GK



**ENGINEERING CODE**  
922UG02

**REFRIGERANT**  
R-404A

**POWER SUPPLY**  
115 V 60 Hz

**APPLICATION**  
MBP

**MOTOR TYPE**  
CSCR

**STANDARD**  
ASHRAE

**COOLING CAPACITY**  
1947 W

**EFFICIENCY**  
1.86 W/W



DATA

GENERAL DATA

Model	NT6222GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/115
HP	1
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	2.6 Ω at 25°C
Run Winding Resistance	0.4 Ω at 25°C
Locked Rotor Amperage (LRA) 60Hz	70 A

## MECHANICAL DATA

Displacement	17.39 cm <sup>3</sup>
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17 Kg

## ELECTRICAL COMPONENTS

Start Capacitor	243-292 µf/250 V
Run Capacitor	35.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA9AD3C-121
Overload Protection	UP14FY5115-T (internal)

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	115 V
Max Refrigerant Charge	800 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
54.4	-6.7	1947	1.86	1049	-	53.15

Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1460	2.09	700	-	31.72
-15	1849	2.38	778	-	40.40
-10	2282	2.69	850	-	50.16
-5	2761	3.04	908	-	61.12
0	3288	3.48	946	-	73.43

Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1213	1.64	740	-	29.09
-15	1560	1.88	830	-	37.63
-10	1954	2.12	923	-	47.47
-5	2398	2.37	1013	-	58.74
0	2893	2.65	1092	-	71.58

Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data are an indication of performance based simulation.

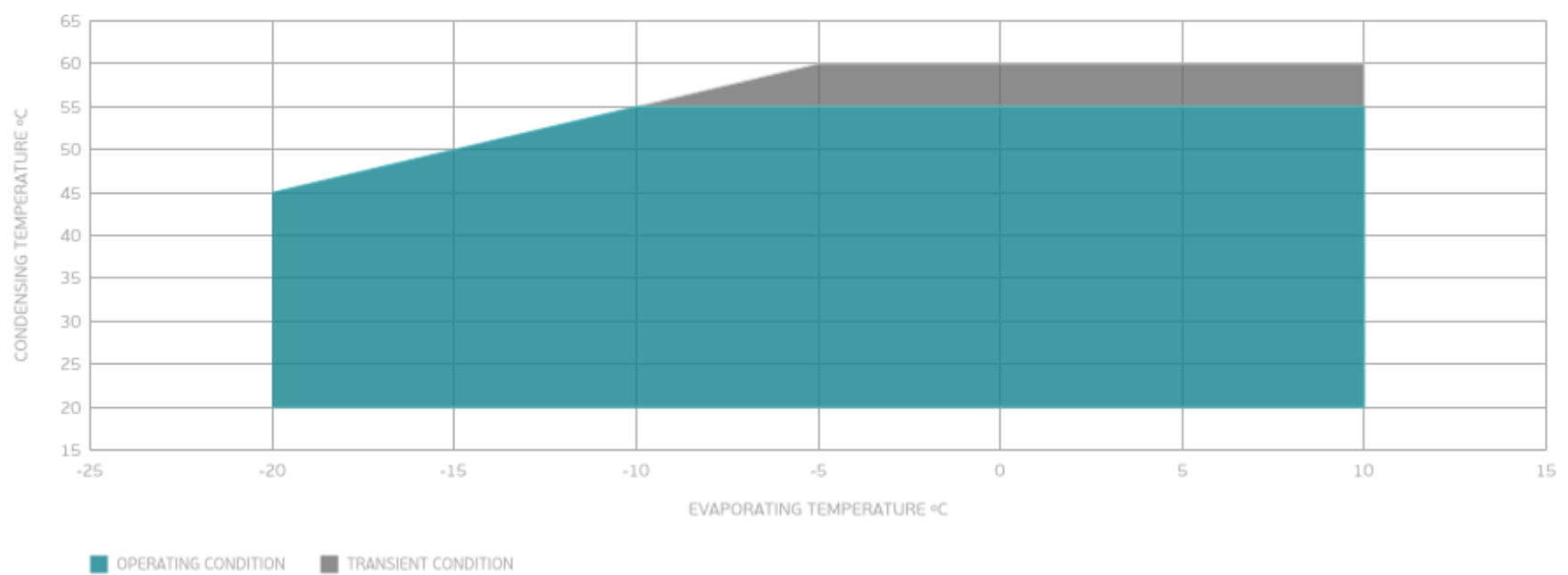
## PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	1675	1.70	983	-	45.80
-5	2071	1.90	1090	-	57.14
0	2521	2.11	1195	-	70.27

Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data are an indication of performance based simulation.

## ENVELOPE



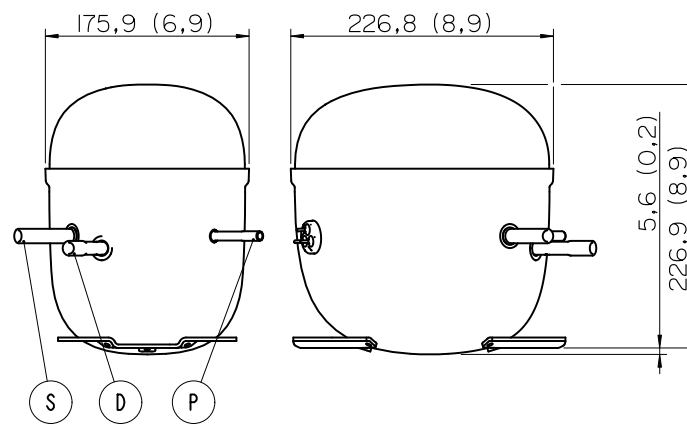
## External

### EXTERNAL CHARACTERISTICS

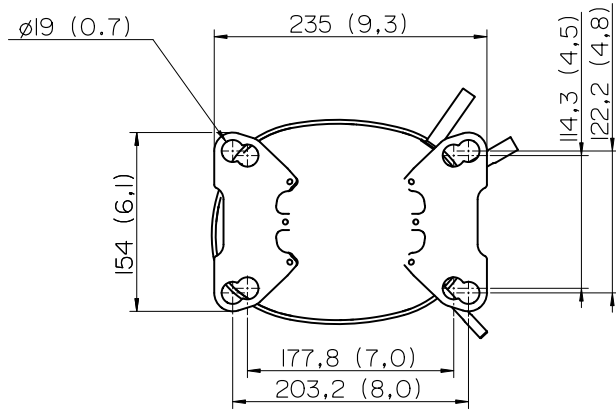
Base Plate		UNI	
Tray Holder		NO	
Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	6.42 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

## EXTERNAL DIMENSIONS

### SHELL



### BASE



### FENCE

