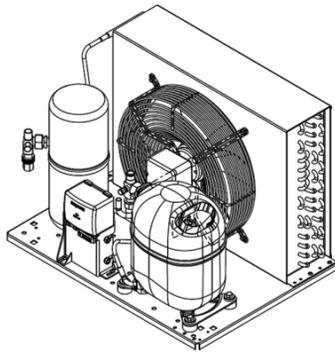


USNJ9238GK



**ENGINEERING CODE**  
643RV5604TA



**REFRIGERANT**  
R-404A



**POWER SUPPLY**  
230 V 50 Hz



**APPLICATION**  
HBP



**MOTOR TYPE**  
CSR



**STANDARD**  
ASHRAE



**COOLING CAPACITY**  
5425 W



**EFFICIENCY**  
2.36 W/W

CE

ECODESIGN  
COMPLIANT

DATA

GENERAL DATA

**Model** USNJ9238GK

ELECTRICAL DATA

**Locked Rotor Amperage (LRA)** 43.00 A

**Rated Load Amperage (RLA)** 11.01 A

**Maximum Overcurrent Protection (MOP)** 24.77 A

**Minimum Current Ampacity (MCA)** 13.8 A

ACCESSORIES

**Discharge valve** SOLDER 3/8" 2110049

**Suction valve** SOLDER 5/8" 2110054

CONDENSING COMPONENTS

**Compressor** NJ9238GK M/HBP

**Condenser** 3R16T 2451225

**Refrigerant** R-404A

**Expansion Device** C-V

**Fan Blade Diameter** 330 mm

**Fankit** S4E330 1996727

## MECHANICAL DATA

Air Flow	2200 m <sup>3</sup> /h
Height	372 mm
Receiver	3.9 L
Shaft Power	null W
Weight	47 Kg
Width	440 mm
Length	600 mm

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	HBP
Tested Standard	ASHRAE

### RATED POINTS

Ambient Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
32	7.2	5425	2.36	2295

Test Condition: Subcooling 3 K, Return Gas 32 °C.

### PERFORMANCE CURVE

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	2273	1.76	1295
-15	2842	1.99	1426
-5	4129	2.37	1745
0	4847	2.51	1931
5	5614	2.63	2135
10	6431	2.73	2356

Test Condition: Subcooling 3 K, Return Gas 32 °C.

**PERFORMANCE CURVE**

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	2068	1.54	1340
-15	2584	1.75	1473
-5	3753	2.09	1798
0	4406	2.22	1989
5	5103	2.32	2198
10	5847	2.41	2424

Test Condition: Subcooling 3 K, Return Gas 32 °C.

**PERFORMANCE CURVE**

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	1757	1.25	1412
-15	2196	1.41	1556
-5	3191	1.67	1907
0	3747	1.77	2112
5	4341	1.86	2336
10	4974	1.93	2579

Test Condition: Subcooling 3 K, Return Gas 32 °C.

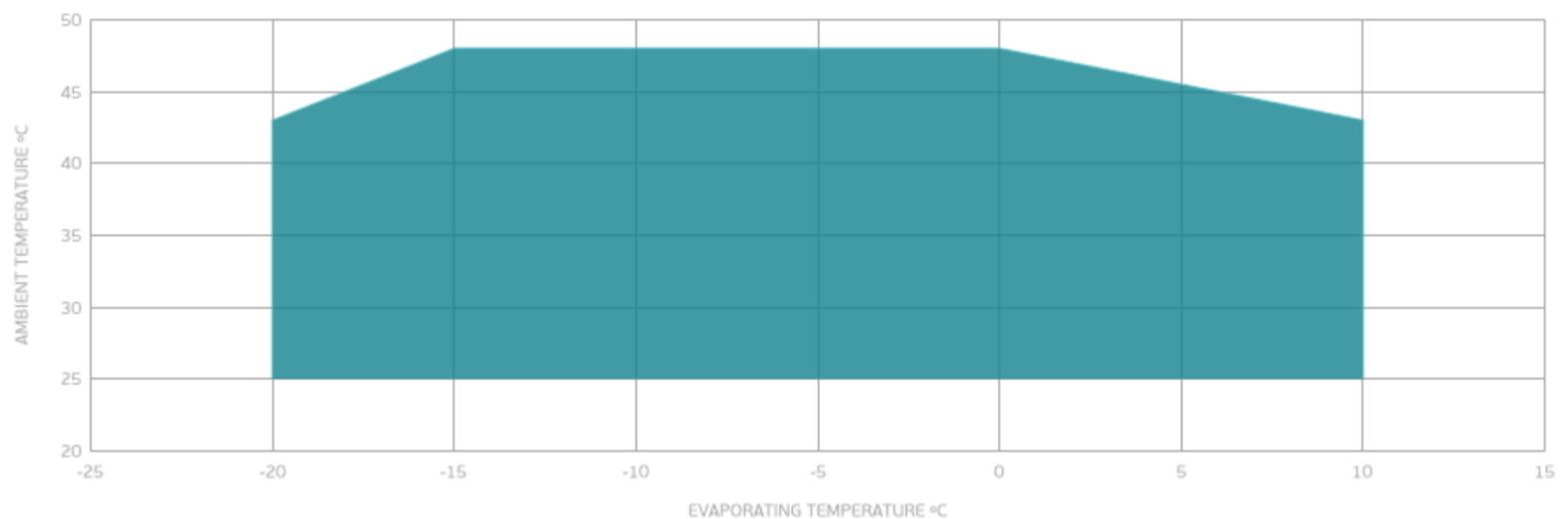
**PERFORMANCE CURVE**

Ambient Temperature 48°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-10	2409	1.37	1755
-5	2887	1.48	1949
0	3400	1.57	2164

Test Condition: Subcooling 3 K, Return Gas 32 °C.

**ENVELOPE**



■ OPERATING CONDITION

