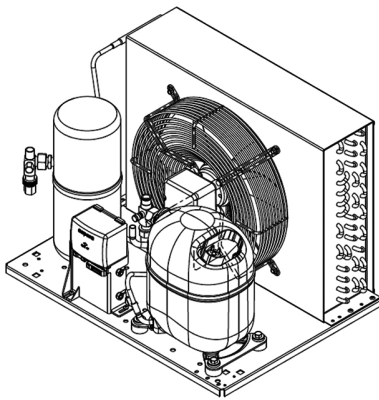


CONDENSING UNIT TECHNICAL DATA



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

DATA

GENERAL DATA

Model	USNJ9238GK
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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

ACESSORIES

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 m³/h
Height	372 mm
Receiver	3.9 L
Shaft Power	null W
Weight	46 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

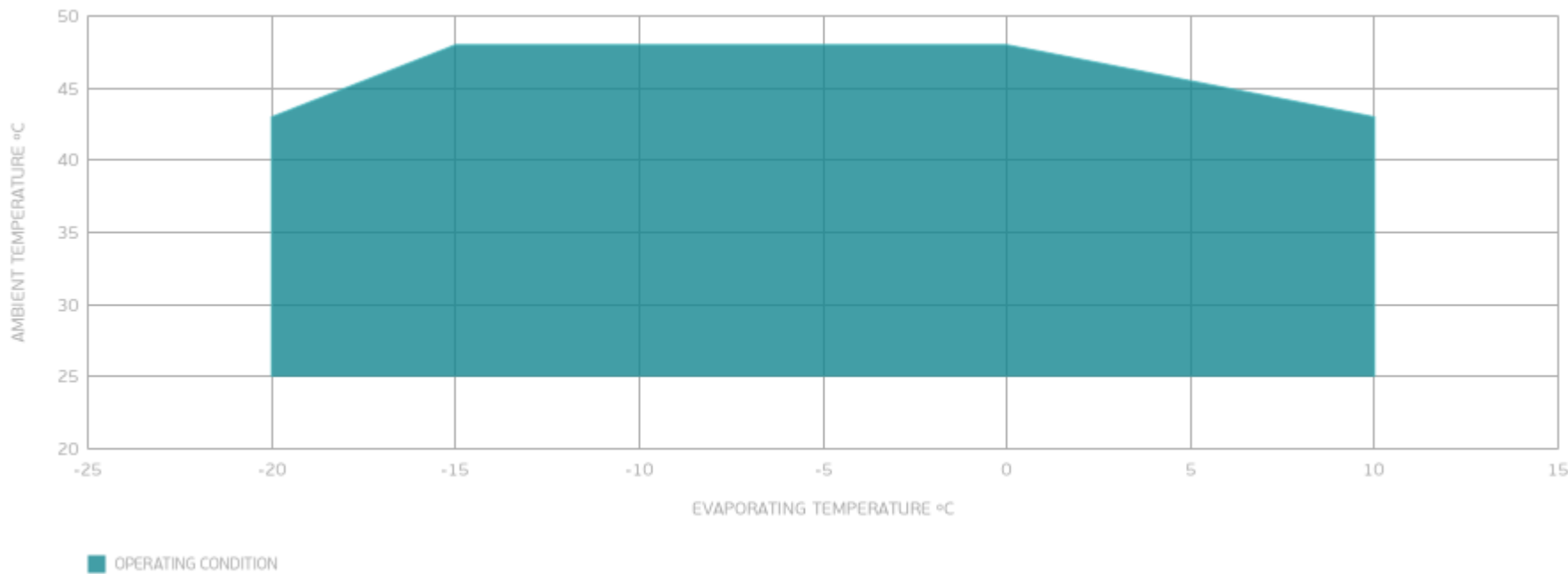
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	1757	1.25	1412
-15	2196	1.41	1556
-5	3191	1.67	1907
0	3747	1.77	2112
5	4341	1.86	2336
10	4974	1.93	2579
Test Condition: Subcooling 3 K, Return Gas 32 °C.			

PERFORMANCE CURVE

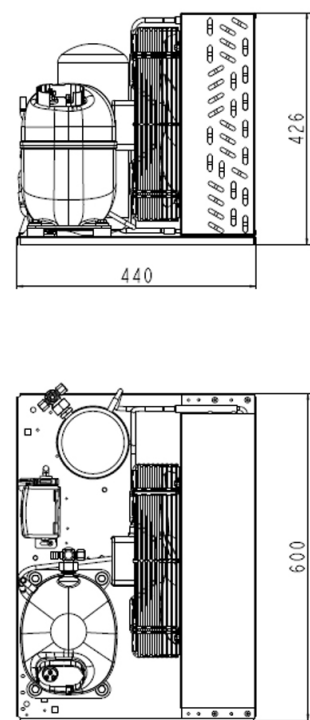
Ambient Temperature 48°C

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



EXTERNAL DIMENSIONS



WIRING DIAGRAM

