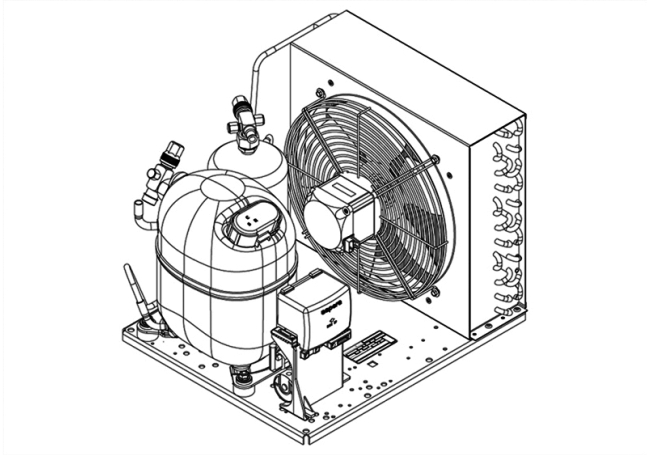


CONDENSING UNIT TECHNICAL DATA



USNJ2212GK



ENGINEERING CODE
643TA5604TA



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSR



STANDARD
ASHRAE



COOLING CAPACITY
1673 W



EFFICIENCY
1.35 W/W



DATA

GENERAL DATA

Model	USNJ2212GK
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ELECTRICAL DATA

Locked Rotor Amperage (LRA)	36.00 A
Rated Load Amperage (RLA)	8.83 A
Maximum Overcurrent Protection (MOP)	19.87 A
Minimum Current Ampacity (MCA)	11.0 A

ACESSORIES

Discharge valve	SOLDER 3/8"	2110049
Suction valve	SOLDER 5/8"	2110054

CONDENSING COMPONENTS

Compressor	NJ2212GK	LBP
Condenser	3R14T	2451221
Refrigerant	R-404A	
Expansion Device	C-V	
Fan Blade Diameter	300 mm	
Fankit	34W 300/28/5B	1996585

MECHANICAL DATA

Air Flow	1450 m³/h
Height	372 mm
Receiver	2.3 L
Shaft Power	34 W
Weight	39 Kg
Width	411 mm
Length	482 mm

PERFORMANCE

TESTED CONDITIONS

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

RATED POINTS

Ambient Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
32	-23.3	1673	1.35	1239
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
-40	894	1.07	837
-30	1409	1.37	1025
-25	1751	1.52	1155
-20	2139	1.63	1312
-15	2566	1.71	1497
-10	3024	1.77	1713
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
-40	723	0.94	772
-30	1232	1.20	1026
-25	1555	1.32	1181
-20	1913	1.41	1358
-15	2299	1.48	1558
-10	2704	1.52	1783

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
-40	474	0.67	704
-30	968	0.93	1037
-25	1257	1.03	1219
-20	1564	1.11	1414
-15	1881	1.16	1625
-10	2200	1.19	1853

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

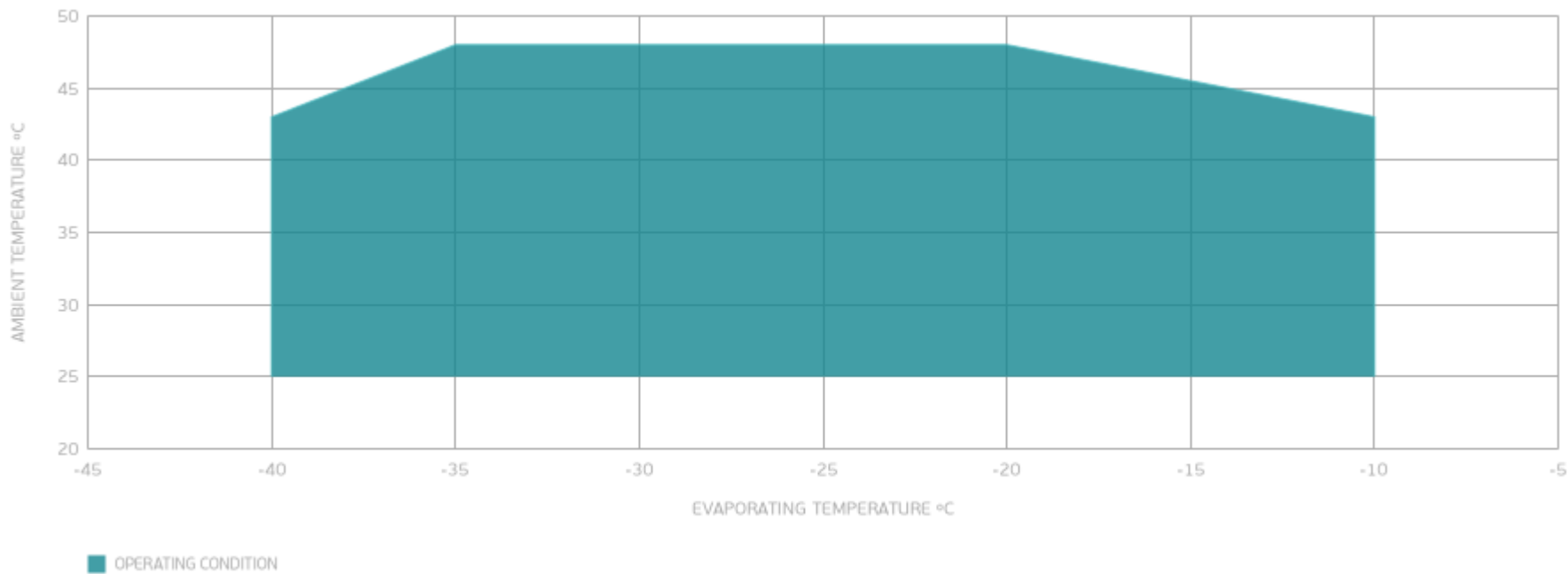
PERFORMANCE CURVE

Ambient Temperature 48°C

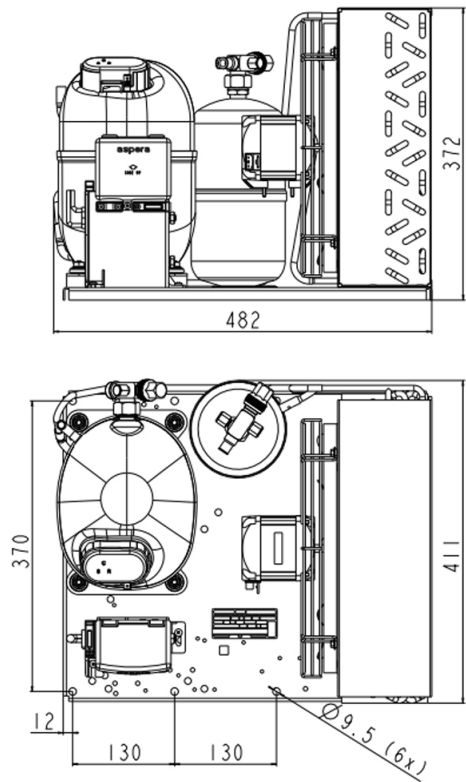
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-30	861	0.83	1035
-25	1134	0.93	1224
-20	1416	0.99	1424

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

ENVELOPE



EXTERNAL DIMENSIONS



WIRING DIAGRAM

