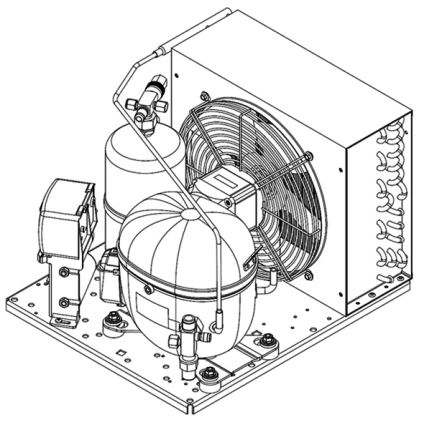
CONDENSING UNIT TECHNICAL DATA

UNT2212GK



ENGINEERING CODE
505DA5204AA

REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
LBP

MOTOR TYPE
CSR

STANDARD
EN13215_RG20

COOLING CAPACITY
821 W

EFFICIENCY
1.07 W/W

CE

ECODESIGN COMPLIANT

DATA

GENERAL DATA

Model	UNT2212GK

ELECTRICAL DATA

Locked Rotor Amperage (LRA)	33.00 A
Rated Load Amperage (RLA)	5.75 A
Maximum Overcurrent Protection (MOP)	12.94 A
Minimum Current Ampacity (MCA)	7.2 A

ACESSORIES

Discharge valve	FLARE 3/8"	2110056
Suction valve	FLARE 1/2"	2110057

CONDENSING COMPONENTS

Compressor	NT2212GK		LBP
Condenser	3R12T		2451140
Refrigerant		R-404A	
Expansion Device		C-V	
Fan Blade Diameter		275 mm	
Fankit	34W 275/31/5B		1996583

MECHANICAL DATA

Air Flow	800 m^3/h
Height	324 mm
Receiver	2.3 L
Shaft Power	34 W
Weight	35 Kg
Width	395 mm
Length	494 mm

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	LBP
Tested Standard	EN13215_RG20

RATED POINTS

Ambient Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
32	-35	821	1.07	767

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

PERFORMANCE CURVE

Ambient Temperature 25ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	728	1.15	636
-30	1128	1.33	851
-25	1386	1.44	965
-20	1672	1.53	1090
-15	1978	1.61	1229
-10	2297	1.66	1388

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

PERFORMANCE CURVE

Ambient Temperature 32ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	654	0.99	661
-30	1027	1.17	877
-25	1264	1.27	993
-20	1525	1.36	1122
-15	1801	1.42	1266
-10	2085	1.46	1432

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

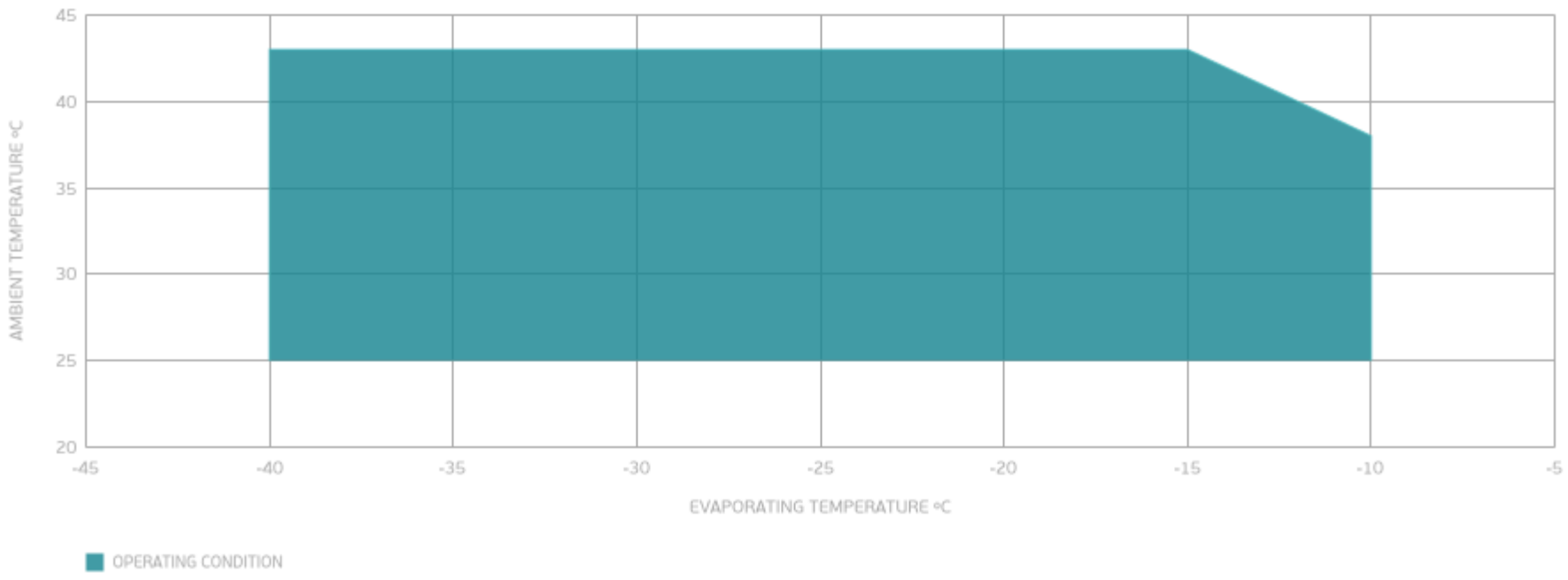
PERFORMANCE CURVE

Ambient Temperature 43ºC

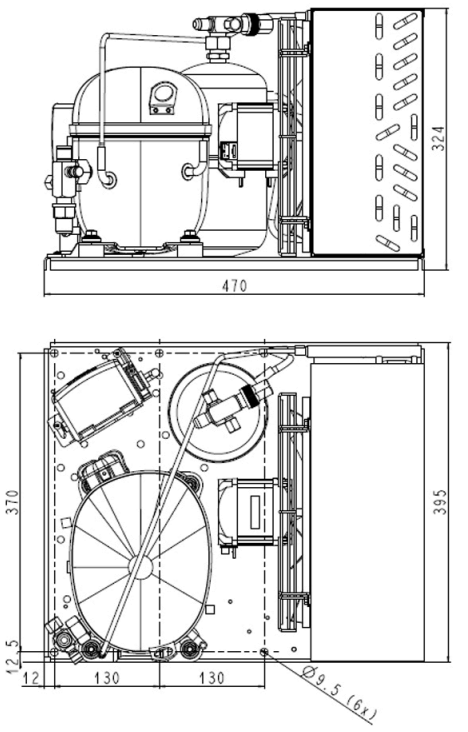
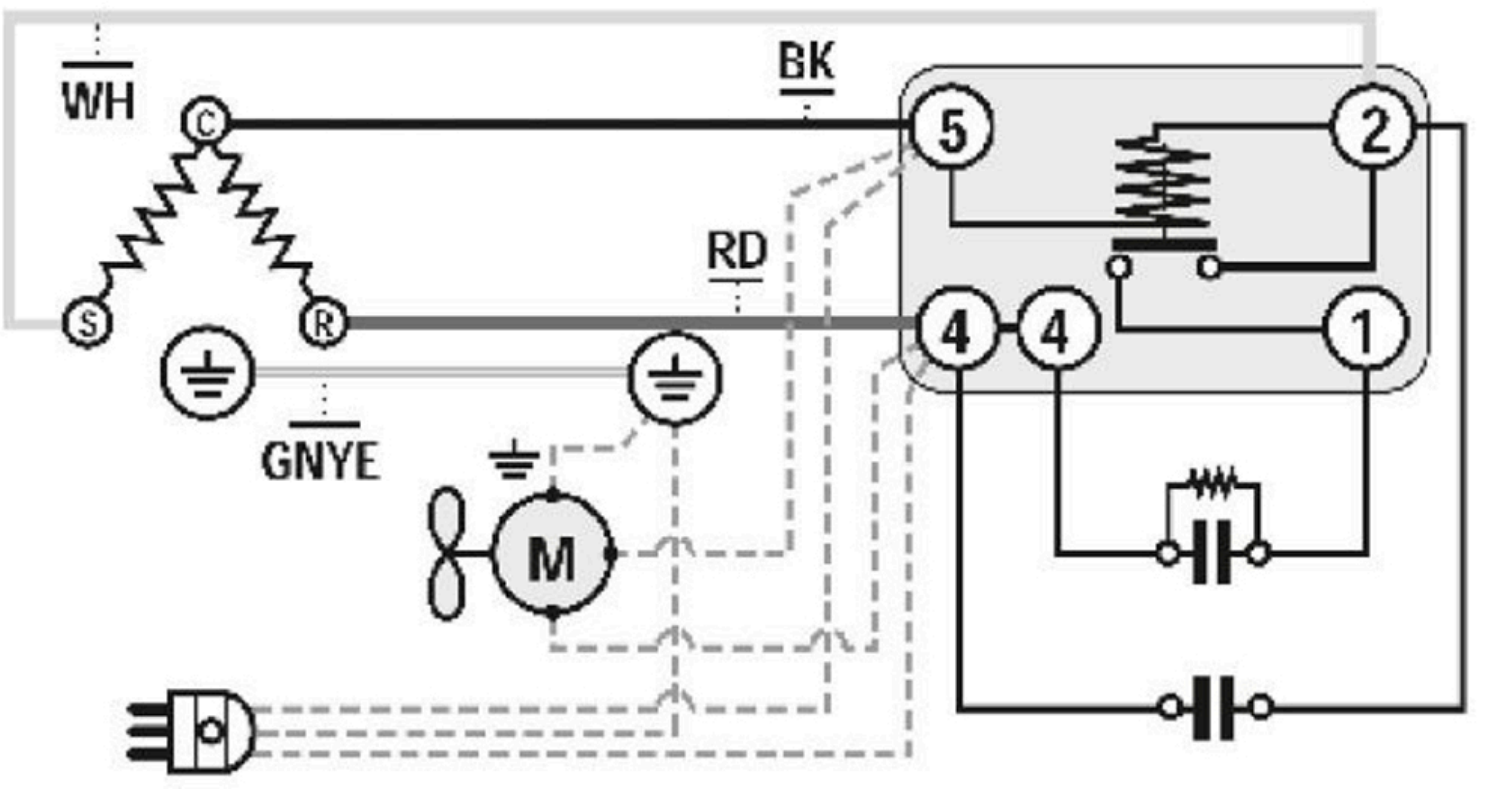
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	509	0.76	665
-30	848	0.94	900
-25	1057	1.03	1029
-20	1283	1.09	1173
-15	1516	1.14	1335

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

ENVELOPE



EXTERNAL DIMENSIONS



WIRING DIAGRAM