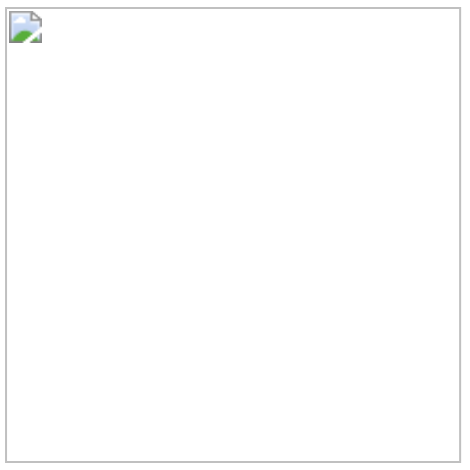
CONDENSING UNIT TECHNICAL DATA

UNEK6213GK



ENGINEERING CODE
654IA8312AA

REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
HBP

MOTOR TYPE
CSIR

STANDARD
ASHRAE

COOLING CAPACITY
1646 W

EFFICIENCY
1.74 W/W

CE

ECODESIGN COMPLIANT

DATA

GENERAL DATA

Model	UNEK6213GK

ELECTRICAL DATA

Locked Rotor Amperage (LRA)	21.00 A
Rated Load Amperage (RLA)	5.97 A
Maximum Overcurrent Protection (MOP)	13.43 A
Minimum Current Ampacity (MCA)	7.5 A

CONDENSING COMPONENTS

Compressor	NEK6213GK		M/HBP
Condenser	3R11T		2451206
Refrigerant		R-404A	
Expansion Device		C-V	
Fan Blade Diameter		254 mm	
Fankit	16W 254/28/5B		1996579

MECHANICAL DATA

Air Flow	595 m³/h
Height	296 mm
Shaft Power	16 W
Weight	20 Kg
Width	340 mm
Length	465 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	1646	1.74	944

Test Condition: Subcooling 3 K, Return Gas 32 ºC.

PERFORMANCE CURVE

Ambient Temperature 25ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	796	1.50	532
-15	970	1.66	584
-5	1335	1.87	712
0	1526	1.93	789
5	1722	1.97	875
10	1924	1.98	970

Test Condition: Subcooling 3 K, Return Gas 32 ºC.

PERFORMANCE CURVE

Ambient Temperature 32ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	726	1.33	547
-15	881	1.46	602
-5	1211	1.64	736
0	1385	1.70	815
5	1565	1.73	902
10	1751	1.75	998

Test Condition: Subcooling 3 K, Return Gas 32 ºC.

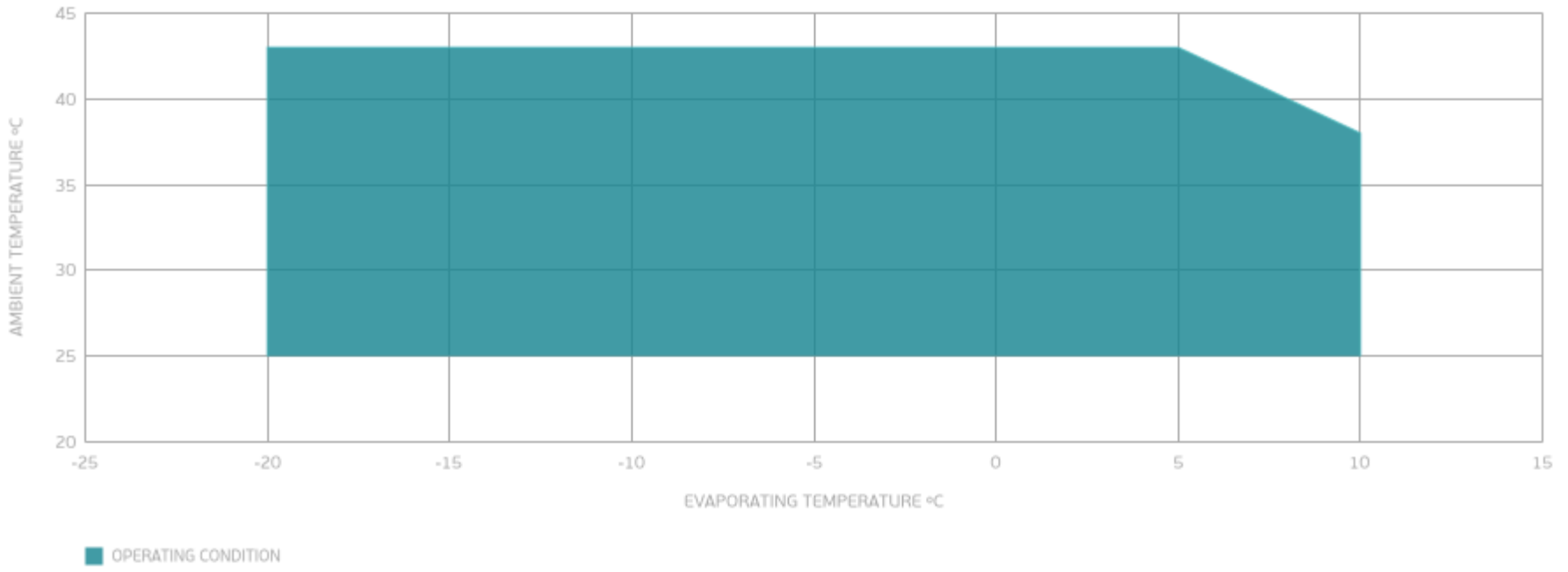
PERFORMANCE CURVE

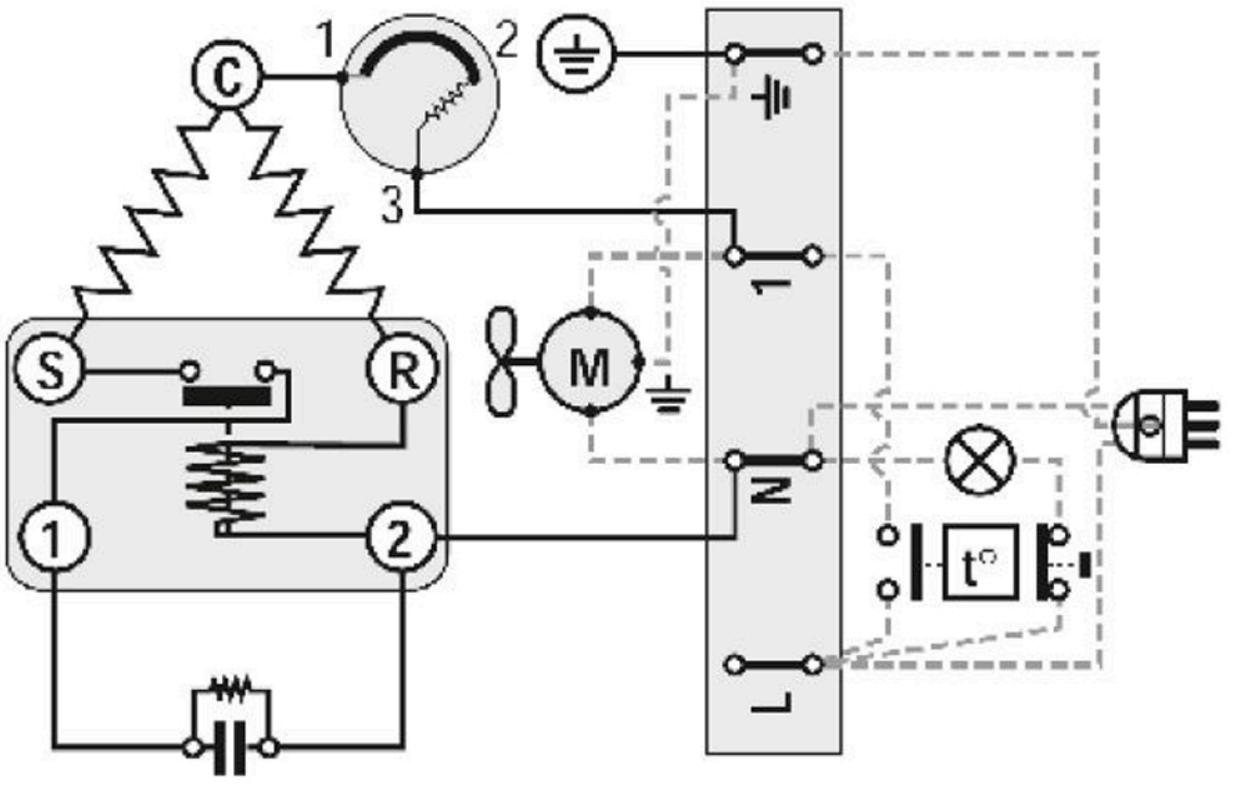
Ambient Temperature 43ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	575	0.99	582
-15	698	1.08	646
-5	969	1.22	796
0	1116	1.26	882
5	1270	1.30	977

Test Condition: Subcooling 3 K, Return Gas 32 ºC.

ENVELOPE



EXTERNAL DIMENSIONS

WIRING DIAGRAM