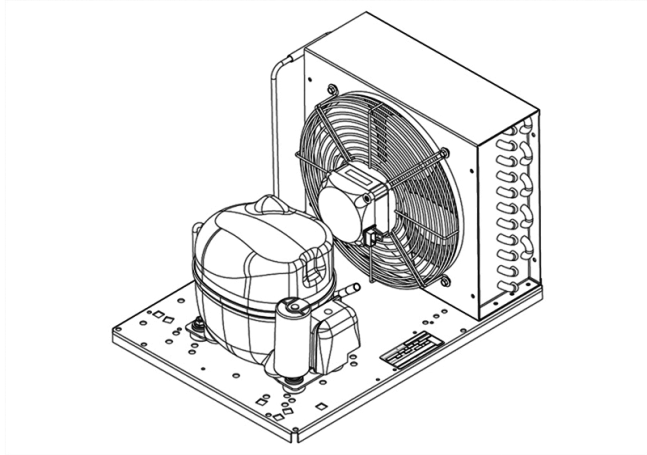


UNEK6181GK



**ENGINEERING CODE**  
557MA8212AA



**POWER SUPPLY**  
220-240 V 50 Hz



**MOTOR TYPE**  
CSIR



**REFRIGERANT**  
R-452A



**APPLICATION**  
HBP



**STANDARD**  
EN13215\_RG20



**COOLING CAPACITY**  
658 W



**EFFICIENCY**  
1.56 W/W

CE

ECODESIGN  
COMPLIANT

DATA

GENERAL DATA

**Model** UNEK6181GK

ACCESSORIES

<b>Discharge valve</b>	FLARE 1/4"	2110085
<b>Suction valve</b>	FLARE 3/8"	2110059

CONDENSING COMPONENTS

<b>Compressor</b>	NEK6181GK	M/HBP
<b>Condenser</b>	3R11T	2451206
<b>Refrigerant</b>	R-404A	
<b>Expansion Device</b>	C-V	
<b>Fan Blade Diameter</b>	254	
<b>Fankit</b>	16W 254/28/5B	1996610

## MECHANICAL DATA

Air Flow	595 m <sup>3</sup> /h
Height	296 mm
Receiver	1.1 L
Shaft Power	16
Weight	21 Kg
Width	340 mm
Length	465 mm

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-452A
Tested Application	HBP
Tested Standard	EN13215_RG20

### RATED POINTS

Ambient Temperature °C	Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
32	-10	658	1.56	422

Test Condition: Subcooling 3 K, Return Gas 20 °C.

### PERFORMANCE CURVE

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	477	1.40	341
-15	584	1.57	371
-5	832	1.88	442
0	978	2.03	481
5	1143	2.19	521
10	1329	2.37	561

Test Condition: Subcooling 3 K, Return Gas 20 °C.

**PERFORMANCE CURVE**

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	437	1.22	357
-15	542	1.40	388
-5	786	1.71	461
0	931	1.86	502
5	1096	2.01	545
10	1282	2.18	589

Test Condition: Subcooling 3 K, Return Gas 20 °C.

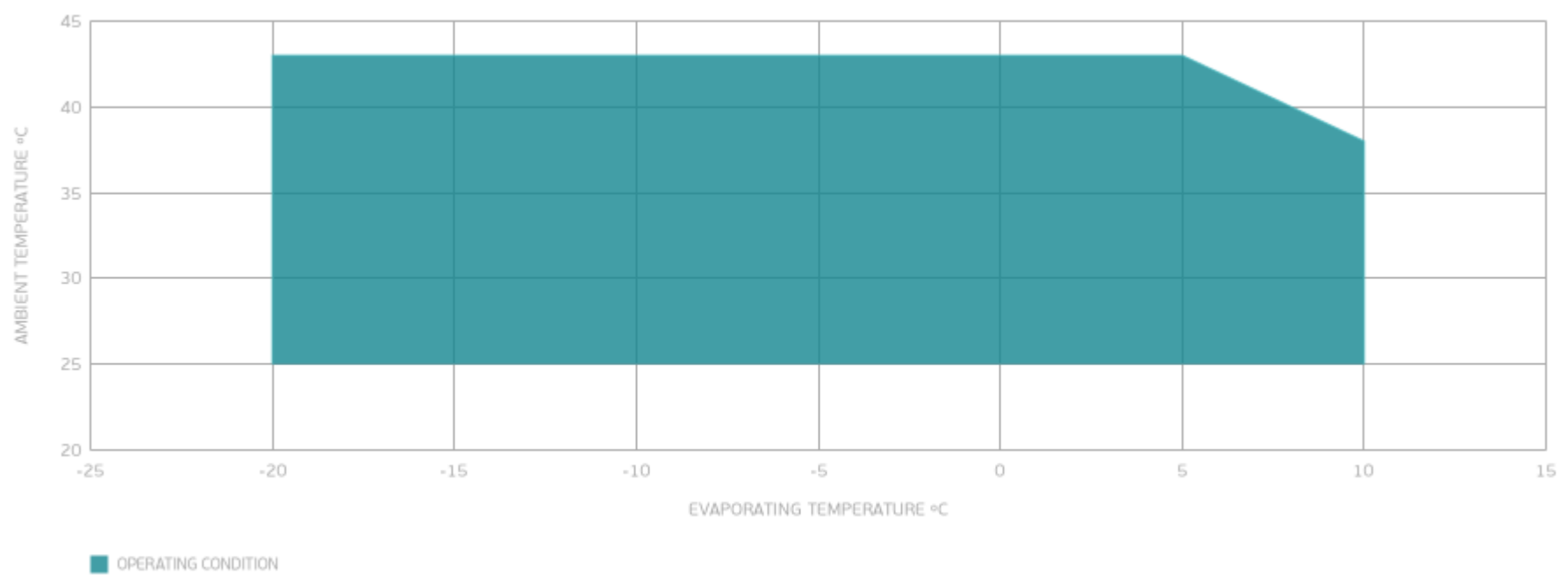
**PERFORMANCE CURVE**

Ambient Temperature 43°C

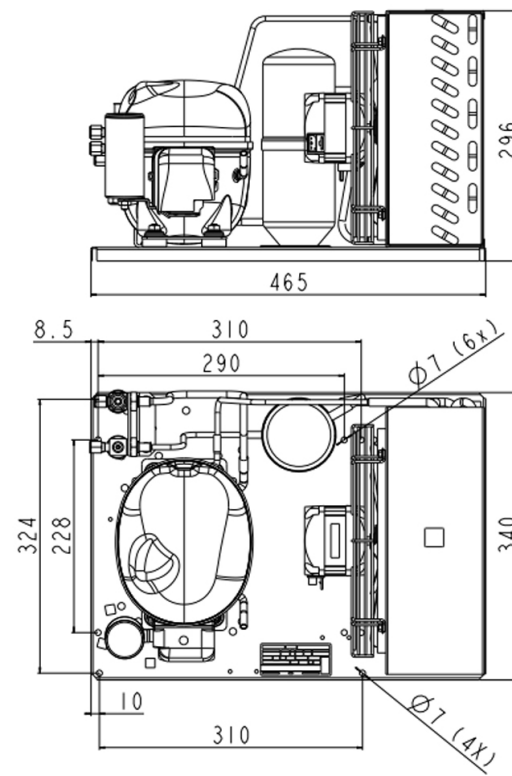
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	363	0.99	368
-15	454	1.11	408
-5	673	1.33	505
0	807	1.44	560
5	961	1.55	618

Test Condition: Subcooling 3 K, Return Gas 20 °C.

**ENVELOPE**



## EXTERNAL DIMENSIONS



## WIRING DIAGRAM

