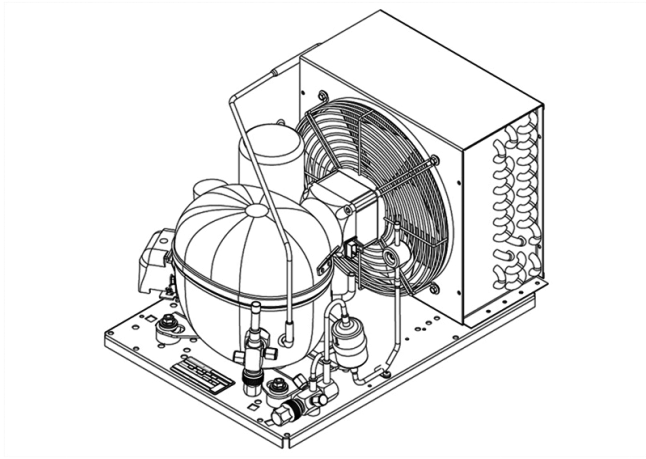


UNT2180GK



**ENGINEERING CODE**  
503HAL612AA



**REFRIGERANT**  
R-452A



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



**APPLICATION**  
LBP



**MOTOR TYPE**  
CSIR



**STANDARD**  
EN13215\_RG20



**COOLING CAPACITY**  
562 W



**EFFICIENCY**  
1.02 W/W

CE

ECODESIGN  
COMPLIANT

DATA

GENERAL DATA

**Model** UNT2180GK

ELECTRICAL DATA

**Locked Rotor Amperage (LRA)** 35.00 A

**Rated Load Amperage (RLA)** 5.80 A

**Maximum Overcurrent Protection (MOP)** 13.05 A

**Minimum Current Ampacity (MCA)** 7.3 A

ACCESSORIES

**Dryer** FILTER DRYER 6MM ODF 2730006

**Sightglass** SIGHT GLASS 6MM ODF 2464031

**Discharge valve** SOLDER 1/4" 2110047

**Suction valve** SOLDER 3/8" 2110049

CONDENSING COMPONENTS

**Compressor** NT2180GK LBP

**Condenser** 4R11T 2451217

**Refrigerant** R-404A

**Expansion Device** C-V

**Fan Blade Diameter** 254 mm

**Fankit** 16W 254/28/5B 1996579

## MECHANICAL DATA

Air Flow	460 m <sup>3</sup> /h
Height	296 mm
Receiver	1.2 L
Shaft Power	16 W
Weight	29 Kg
Width	340 mm
Length	494 mm

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-452A
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	562	1.02	553

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
-40	466	0.93	501
-30	750	1.24	606
-25	911	1.34	679
-20	1089	1.42	767
-15	1287	1.48	871
-10	1508	1.52	994

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
-40	434	0.90	484
-30	702	1.12	629
-25	859	1.21	713
-20	1036	1.29	806
-15	1235	1.36	909
-10	1462	1.43	1024

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

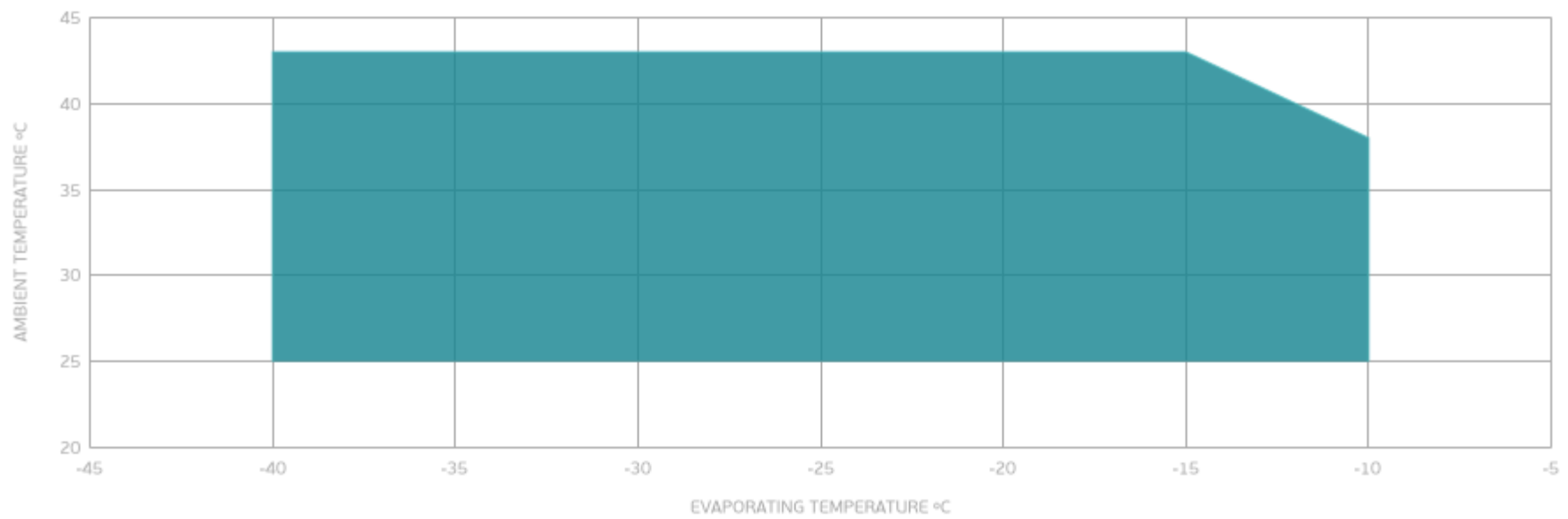
**PERFORMANCE CURVE**

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	302	0.68	446
-30	538	0.83	649
-25	686	0.92	748
-20	859	1.02	846
-15	1060	1.12	946

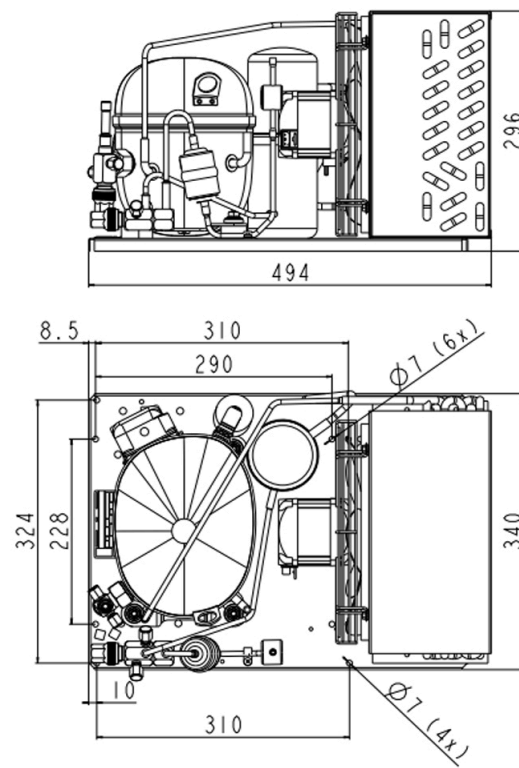
Test Condition: Subcooling 3 K, Return Gas 20 °C.

**ENVELOPE**



■ OPERATING CONDITION

## EXTERNAL DIMENSIONS



## WIRING DIAGRAM

