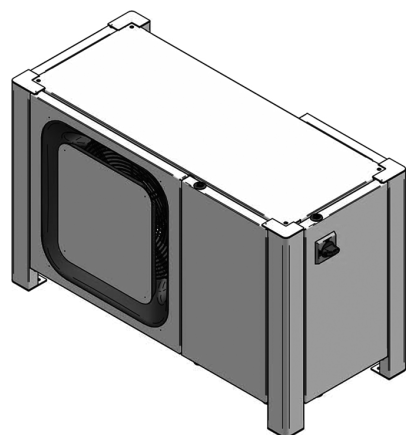


UP-NT2180GK-EAE00



**ENGINEERING CODE**  
503HAS6C4FI



**REFRIGERANT**  
R-404A



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



**APPLICATION**  
LBP



**MOTOR TYPE**  
CSR



**STANDARD**  
EN13215\_RG20



**COOLING CAPACITY**  
554 W



**EFFICIENCY**  
0.97 W/W

CE

ECODESIGN COMPLIANT

DATA

GENERAL DATA

Model	UP-NT2180GK-EAE00
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ELECTRICAL DATA

Rated Load Amperage (RLA)	8.65 A
Maximum Overcurrent Protection (MOP)	19.46 A
Minimum Current Ampacity (MCA)	10.8 A

ACCESSORIES

Dryer	Castel	DF305-M10S
Dualpressostat	DANFOSS	KP17W. (060-1275)
Fanspeed Controller	DANFOSS	XGE-4C (061H3140)
Heater	45W 230V	2464205
Sightglass	Castel	3940_M10
Discharge valve	FSV22	1996805
Suction valve	FSV44	1996807

CONDENSING COMPONENTS

Compressor	NT2180GK	LBP
Refrigerant	R-404A	
Fan Blade Diameter	350 mm	
Fankit	FAN ASSEMBLY HOUSING 1	1996783

## MECHANICAL DATA

Air Flow	1695 m <sup>3</sup> /h
Height	600 mm
Receiver	1.6 L
Shaft Power	67 W
Weight	65 Kg
Width	982 mm
Length	484 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	554	0.97	569

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	499	0.97	516
-30	804	1.29	622
-25	1010	1.48	683
-20	1245	1.65	753
-15	1503	1.80	835
-10	1780	1.91	930

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	431	0.86	502
-30	712	1.12	638
-25	897	1.26	711
-20	1106	1.40	791
-15	1333	1.52	880
-10	1572	1.60	980

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

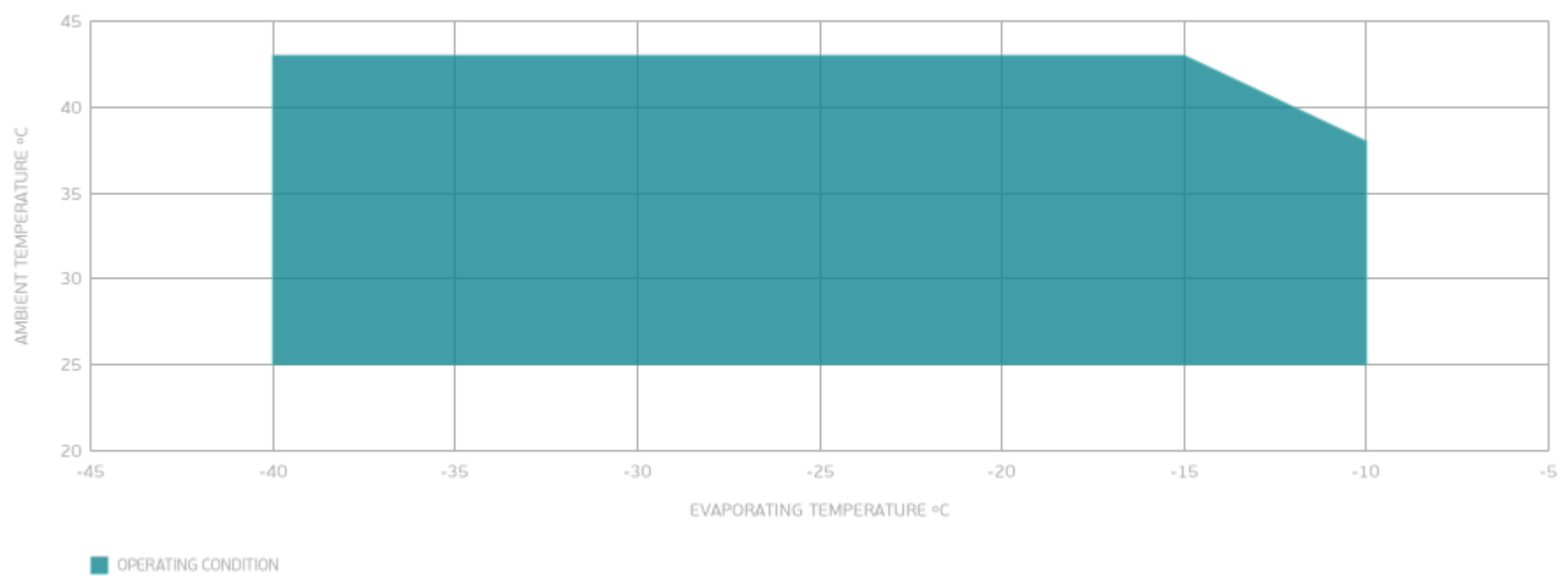
## PERFORMANCE CURVE

Ambient Temperature 43°C

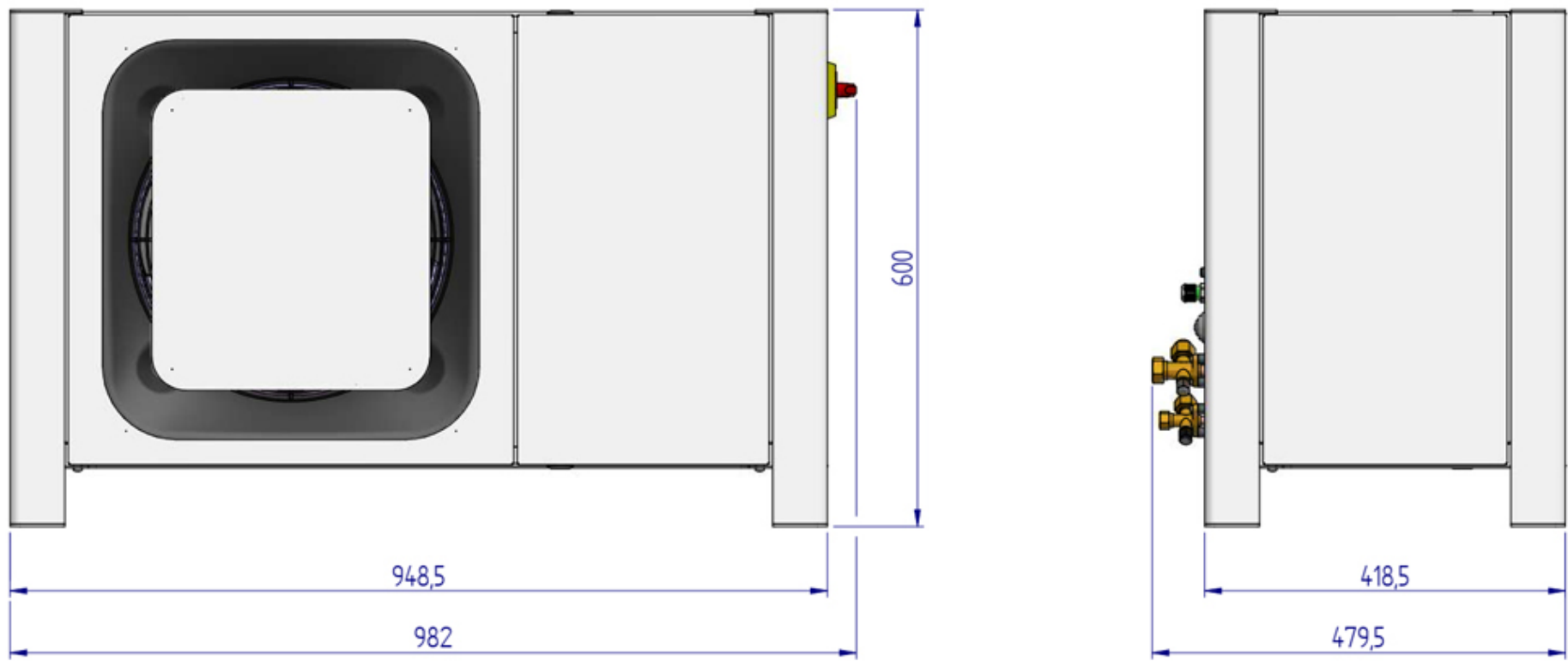
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-40	329	0.67	492
-30	568	0.85	666
-25	720	0.96	752
-20	886	1.05	842
-15	1061	1.13	936

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

## ENVELOPE



## EXTERNAL DIMENSIONS



## WIRING DIAGRAM

