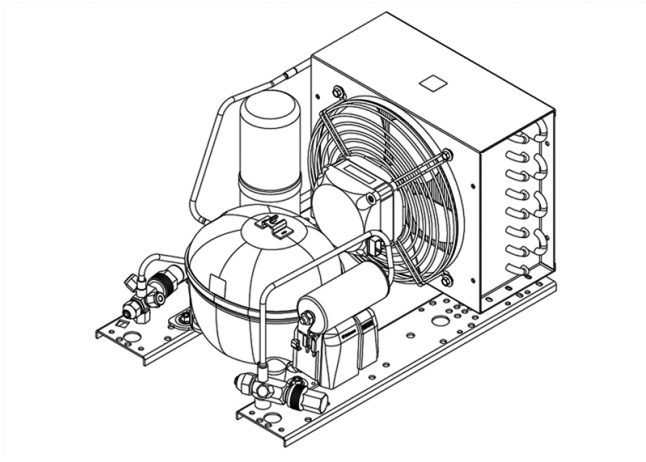


UEMT6144Z



**ENGINEERING CODE**  
594PA5208AA



**REFRIGERANT**  
R-134a



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



**APPLICATION**  
HBP



**MOTOR TYPE**  
RSIR



**STANDARD**  
EN13215\_RG20



**COOLING CAPACITY**  
291 W



**EFFICIENCY**  
1.64 W/W

CE

ECODESIGN  
COMPLIANT

DATA

GENERAL DATA

**Model** UEMT6144Z

ELECTRICAL DATA

**Locked Rotor Amperage (LRA)** 8.50 A

**Rated Load Amperage (RLA)** 1.48 A

**Maximum Overcurrent Protection (MOP)** 3.33 A

**Minimum Current Ampacity (MCA)** 1.9 A

ACCESSORIES

**Discharge valve** FLARE 1/4" 2110025

**Suction valve** FLARE 3/8" 2110024

CONDENSING COMPONENTS

**Compressor** EMT6144Z M/HBP

**Condenser** 3R8T 2451204

**Refrigerant** R-134a

**Expansion Device** C-V

**Fan Blade Diameter** 200 mm

**Fankit** 10W 200/28/5B 1996581

## MECHANICAL DATA

Air Flow	300 m <sup>3</sup> /h
Height	226 mm
Receiver	0.6 L
Shaft Power	10 W
Weight	15 Kg
Width	290 mm
Length	430 mm

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-134a
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	291	1.64	178

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
-15	258	1.63	159
-5	388	2.07	188
0	466	2.28	204
5	553	2.49	222
10	649	2.69	241

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
-15	233	1.42	164
-5	355	1.84	193
0	426	2.03	210
5	503	2.20	229
10	589	2.36	249

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

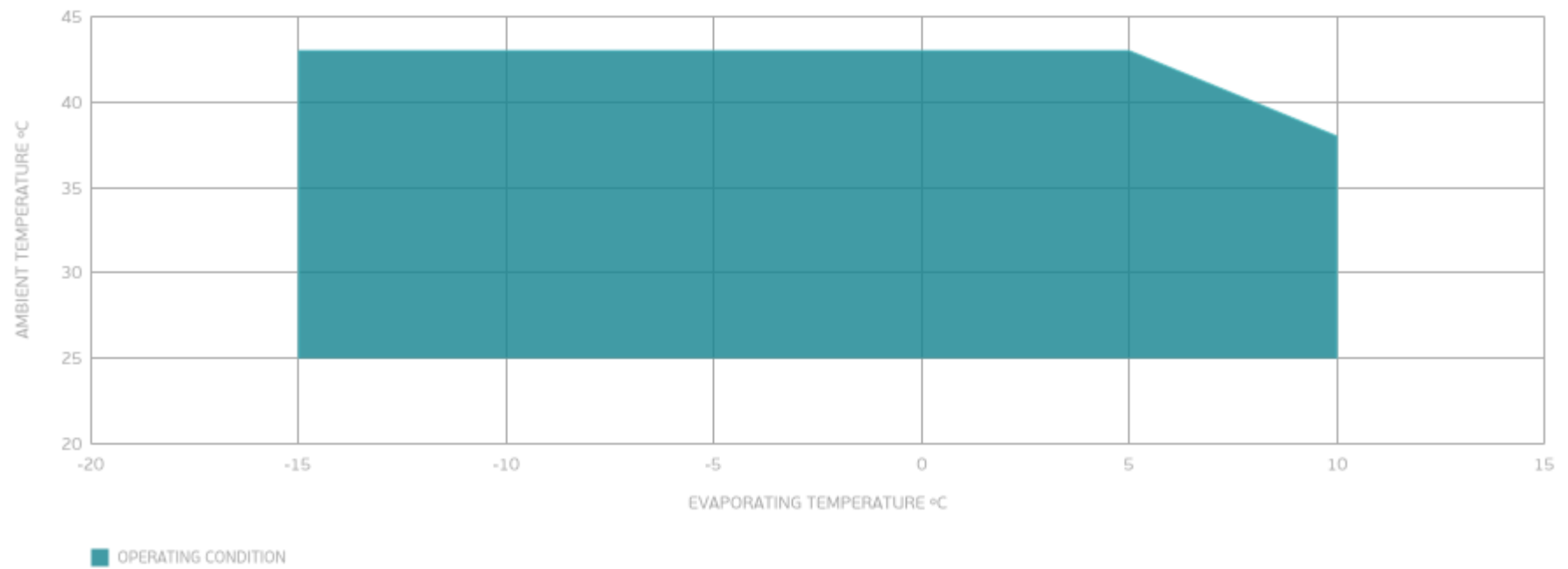
## PERFORMANCE CURVE

Ambient Temperature 43°C

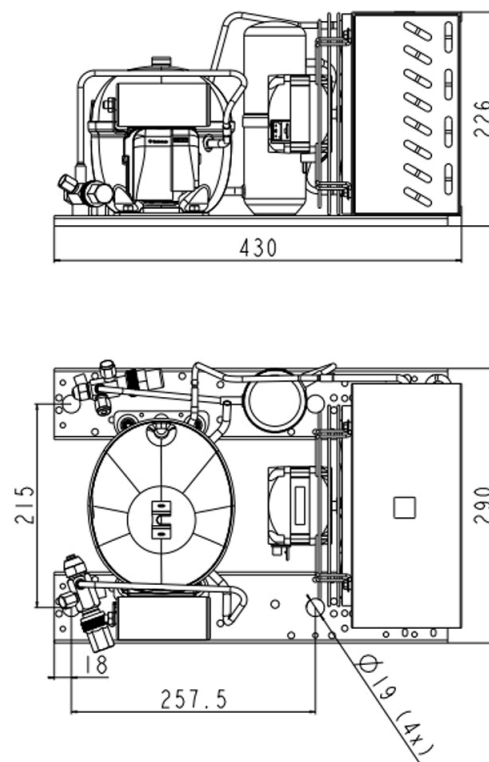
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-15	193	1.11	173
-5	320	1.57	204
0	388	1.75	222
5	461	1.90	242

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

## ENVELOPE



## EXTERNAL DIMENSIONS



WIRING DIAGRAM

