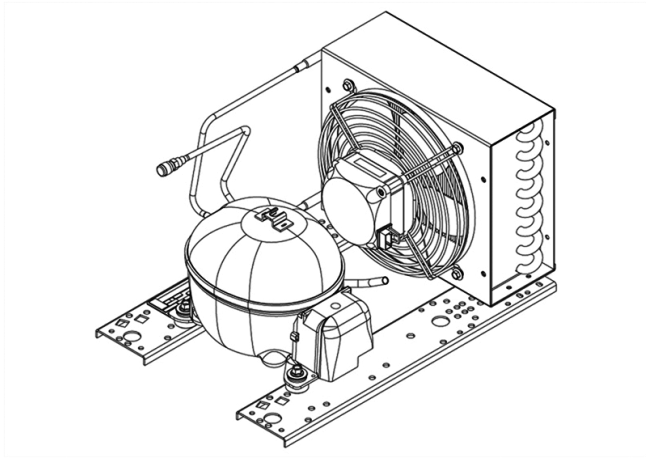


UEMT50HDP



**ENGINEERING CODE**  
594MA9012AA



**REFRIGERANT**  
R-134a



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



**APPLICATION**  
HBP



**MOTOR TYPE**  
RSIR



**STANDARD**  
EN13215\_RG20



**COOLING CAPACITY**  
250 W



**EFFICIENCY**  
1.61 W/W

CE

ECODESIGN COMPLIANT

DATA

GENERAL DATA

**Model** UEMT50HDP

ELECTRICAL DATA

**Locked Rotor Amperage (LRA)** 5.40 A

**Rated Load Amperage (RLA)** 1.30 A

**Maximum Overcurrent Protection (MOP)** 2.93 A

**Minimum Current Ampacity (MCA)** 1.6 A

CONDENSING COMPONENTS

**Condenser** 2R8T 2451207

**Refrigerant** R-134a

**Expansion Device** C

**Fan Blade Diameter** 200 mm

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

## MECHANICAL DATA

Air Flow	300 m <sup>3</sup> /h
Height	226 mm
Shaft Power	10 W
Weight	13 Kg
Width	290 mm
Length	431 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	250	1.61	155

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	218	1.57	139
-5	338	2.06	164
0	405	2.27	179
5	476	2.44	195
10	550	2.59	212

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	198	1.38	143
-5	307	1.82	169
0	368	2.00	184
5	432	2.15	201
10	500	2.28	219

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

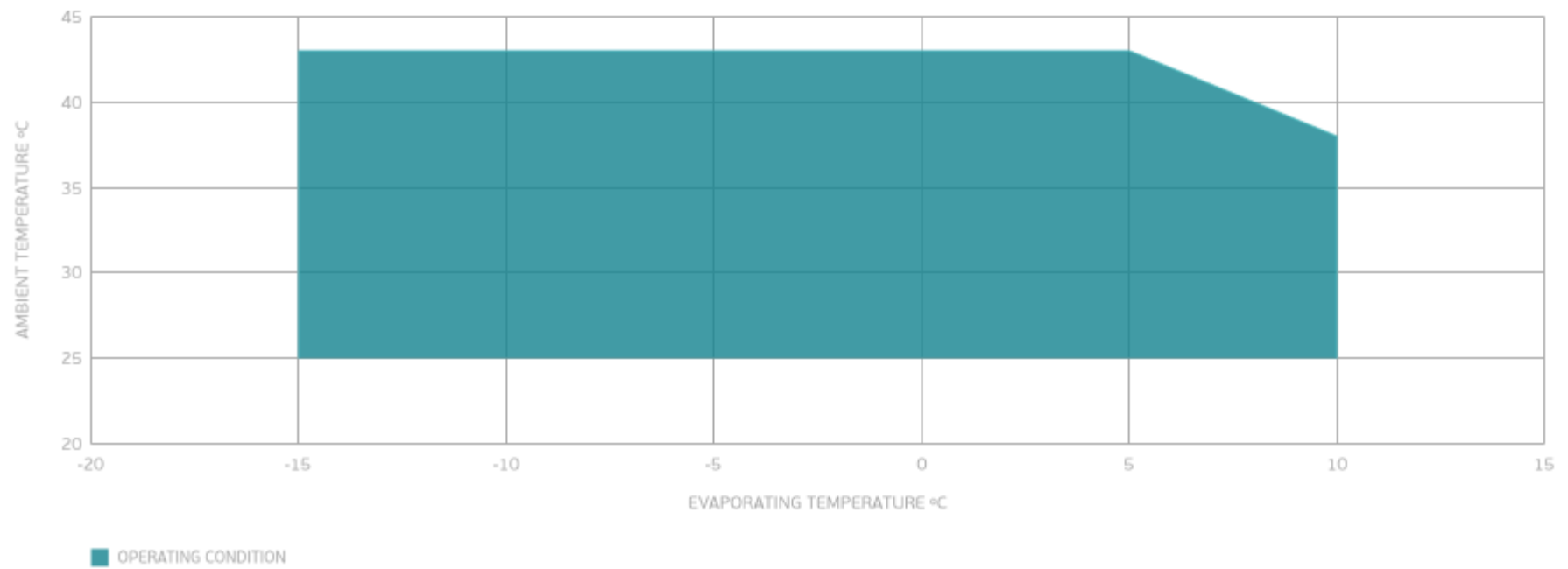
## PERFORMANCE CURVE

Ambient Temperature 43°C

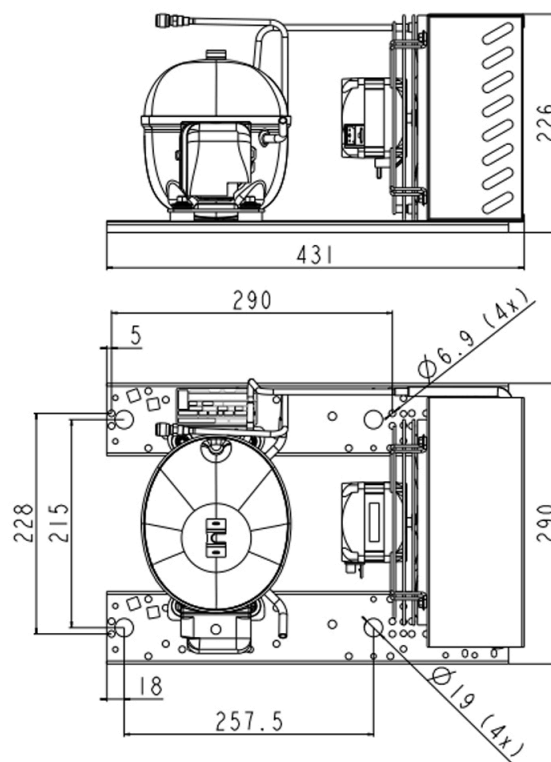
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-15	168	1.11	152
-5	261	1.46	179
0	313	1.60	195
5	369	1.73	213

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

## ENVELOPE



## EXTERNAL DIMENSIONS



WIRING DIAGRAM

