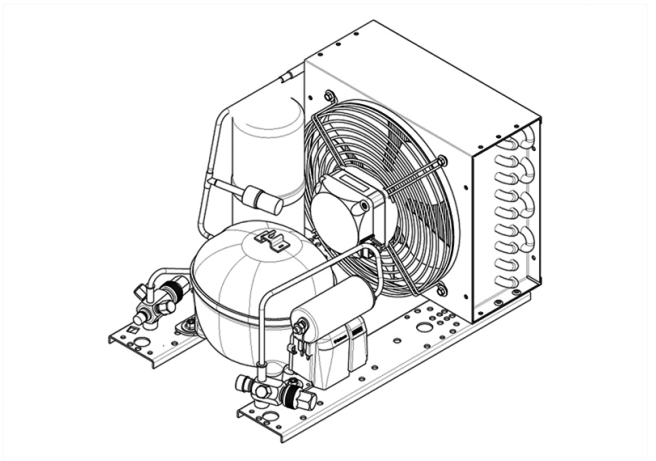
CONDENSING UNIT TECHNICAL DATA

UEMT6170Z



ENGINEERING CODE
594RA5212HA

REFRIGERANT
R-134a

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
HBP

MOTOR TYPE
CSIR

STANDARD
EN13215_RG20

COOLING CAPACITY
433 W

EFFICIENCY
1.66 W/W

CE

ECODESIGN COMPLIANT

DATA

GENERAL DATA

Model	UEMT6170Z

ELECTRICAL DATA

Locked Rotor Amperage (LRA)	10.40 A
Rated Load Amperage (RLA)	2.13 A
Maximum Overcurrent Protection (MOP)	4.79 A
Minimum Current Ampacity (MCA)	2.7 A

ACESSORIES

High Pressure Pressostat	PS4-W1 808265	2466032
Discharge valve	FLARE 1/4"	2110025
Suction valve	FLARE 3/8"	2110024

CONDENSING COMPONENTS

Compressor	EMT6170Z		M/HBP
Condenser	3R9T		2451205
Refrigerant		R-134a	
Expansion Device		C-V	
Fan Blade Diameter		230 mm	
Fankit	10W 230/31/5B		1996580

MECHANICAL DATA

Air Flow	420 m^3/h
Height	254 mm
Receiver	1.1 L
Shaft Power	10 W
Weight	15 Kg
Width	300 mm
Length	435 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	433	1.66	261

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

PERFORMANCE CURVE

Ambient Temperature 25ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-15	365	1.58	231
-5	561	1.97	284
0	666	2.10	317
5	776	2.19	354
10	894	2.26	396

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

PERFORMANCE CURVE

Ambient Temperature 32ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-15	351	1.48	238
-5	522	1.80	289
0	618	1.92	322
5	723	2.01	359
10	835	2.09	400

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

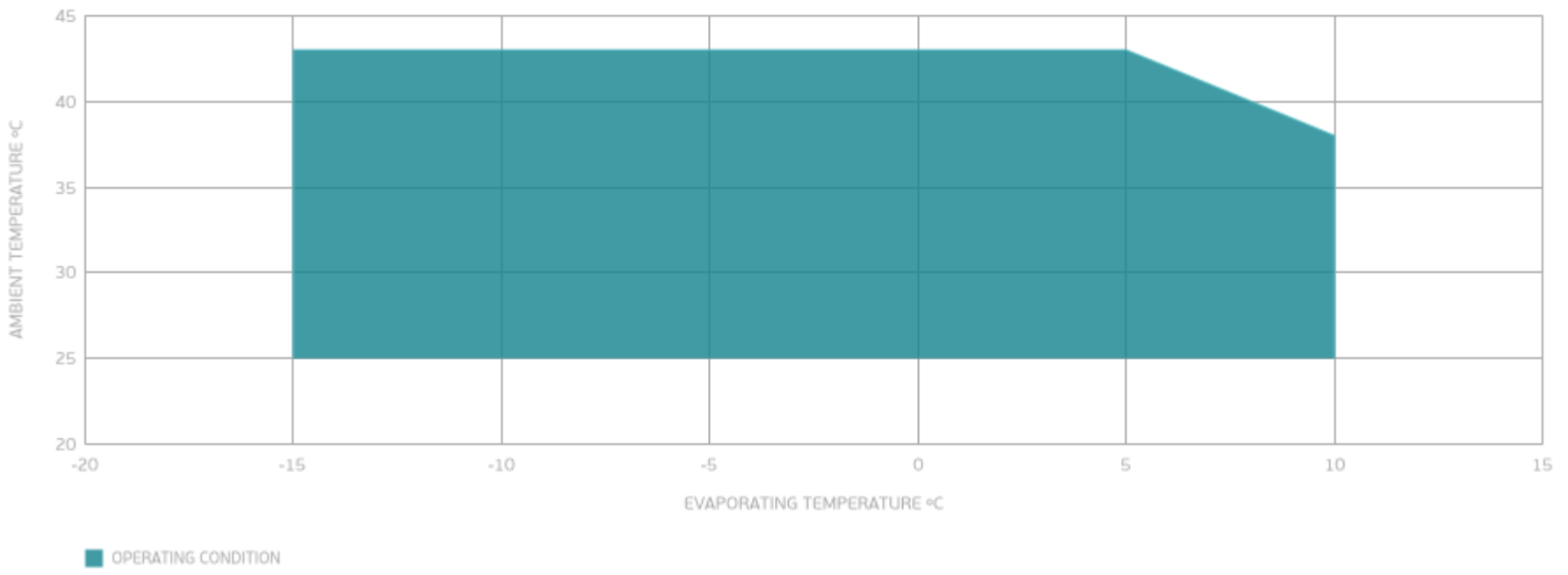
PERFORMANCE CURVE

Ambient Temperature 43ºC

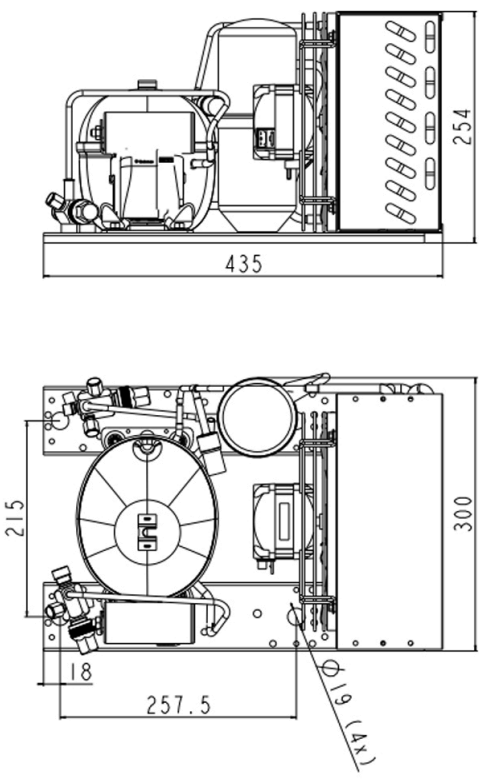
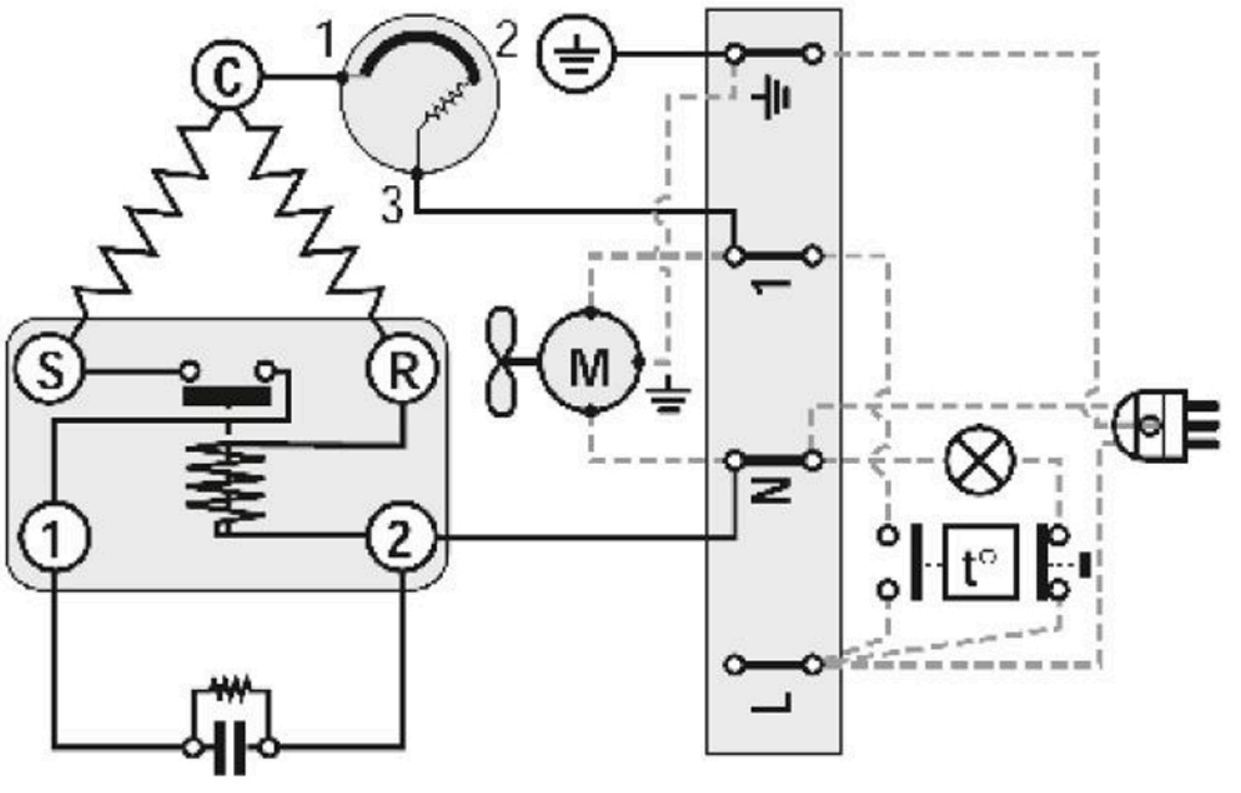
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-15	284	1.15	247
-5	426	1.40	305
0	512	1.50	341
5	610	1.60	382

Test Condition: Subcooling 3 K, Return Gas 20 ºC.

ENVELOPE



EXTERNAL DIMENSIONS



WIRING DIAGRAM