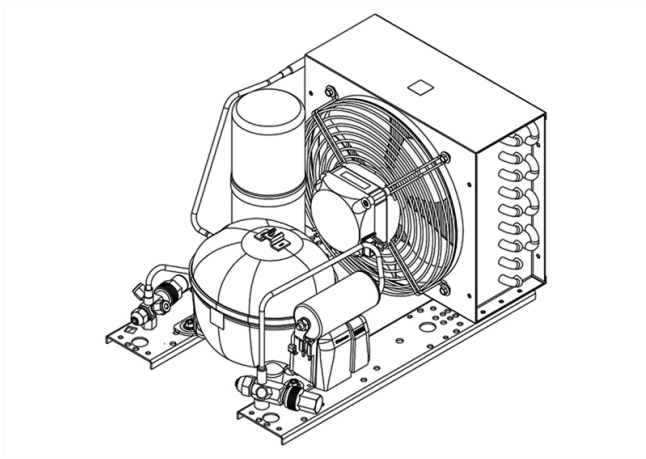


UEMT6165GK



CE


ENGINEERING CODE
592GA5212AA

REFRIGERANT
R-452A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
HBP

MOTOR TYPE
CSIR

STANDARD
EN13215_RG20

COOLING CAPACITY
490 W

EFFICIENCY
1.67 W/W

DATA

GENERAL DATA

Model	UEMT6165GK
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ELECTRICAL DATA

Locked Rotor Amperage (LRA)	10.40 A
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Rated Load Amperage (RLA)	2.32 A
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Maximum Overcurrent Protection (MOP)	5.22 A
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Minimum Current Ampacity (MCA)	2.9 A
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ACCESSORIES

Discharge valve	FLARE 1/4"	2110025
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Suction valve	FLARE 3/8"	2110024
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CONDENSING COMPONENTS

Compressor	EMT6165GK	M/HBP
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Condenser	3R9T	2451205
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Refrigerant	R-404A
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Expansion Device	C-V
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Fan Blade Diameter	230 mm
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Fan kit	10W 230/31/5B	1996580
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MECHANICAL DATA

Air Flow	420 m ³ /h
Height	254 mm
Receiver	1.1 L
Shaft Power	10 W
Weight	17 Kg
Width	300 mm
Length	435 mm

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-452A
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	490	1.67	294

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
-20	379	1.59	238
-15	463	1.78	261
-5	672	2.20	305
0	782	2.35	333
5	886	2.41	368
10	975	2.37	412

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
-20	337	1.36	248
-15	403	1.48	272
-5	591	1.86	318
0	696	2.01	346
5	799	2.09	382
10	893	2.09	427

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

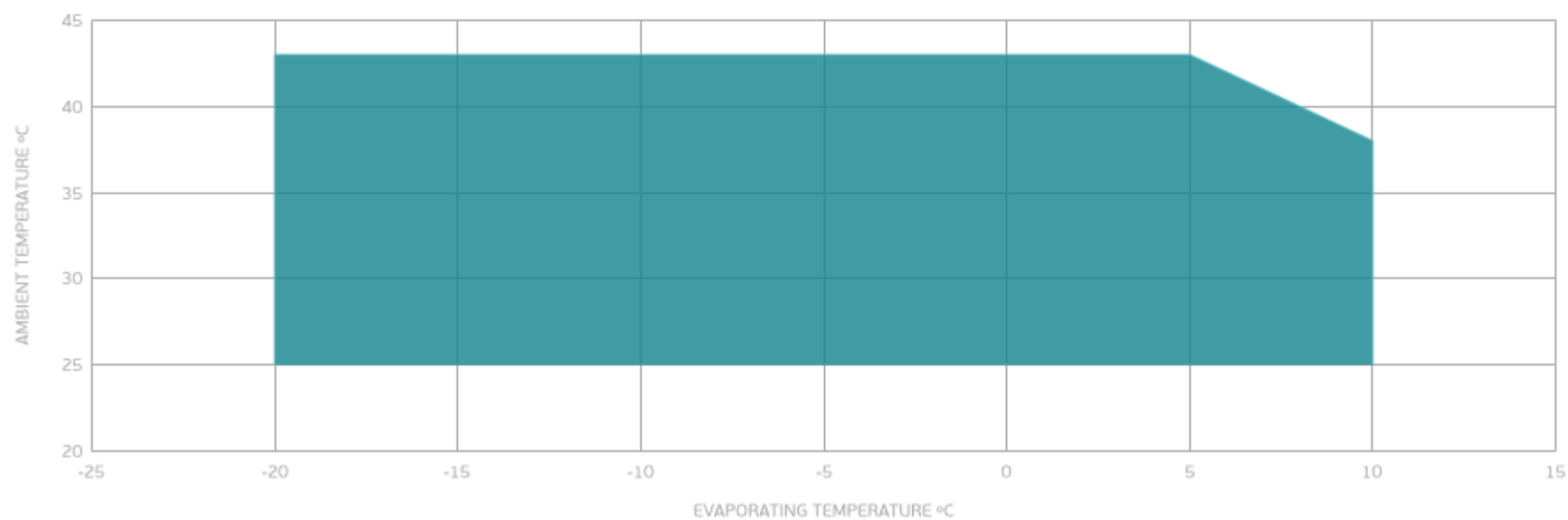
PERFORMANCE CURVE

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Consumo de Potencia W
-20	284	1.03	276
-15	329	1.08	304
-5	496	1.38	361
0	601	1.53	394
5	711	1.63	435

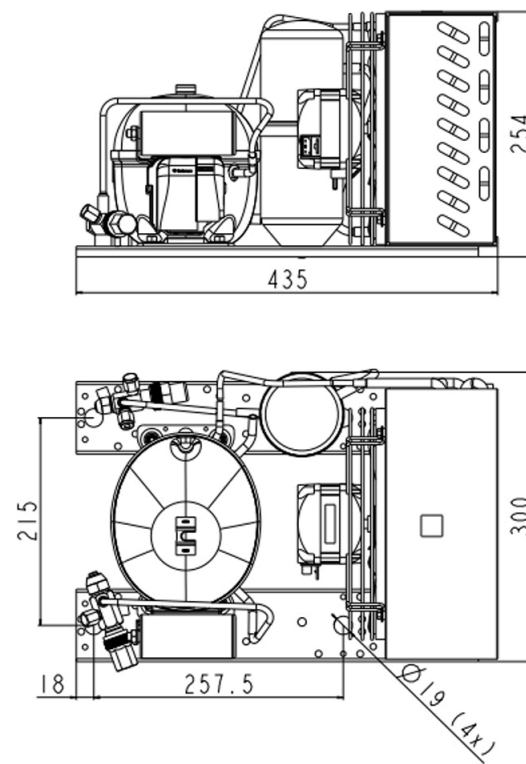
Test Condition: Subcooling 3 K, Return Gas 20 °C.

ENVELOPE



■ OPERATING CONDITION

EXTERNAL DIMENSIONS



WIRING DIAGRAM

