

APPROVALS



ENGINEERING CODE
594QA5312AA

APPROVED REFRIGERANT
R134a

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
EN13215_RG20

APPLICATION
M/HBP

COOLING CAPACITY
389 W

EFFICIENCY
1.7 W/W

DATA

General Data

Weight	13.7 Kg
Height	254 mm
Length	435 mm
Width	293 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	13.5 A
Max Current	1.87 A

Spare Parts

Condenser	3R9T	2451205
Fan Kit	10W 230/31/5B	1996580
Compressor	EMT6160Z	194QA67..AR
Electrical Kit	ELCOM EMT6160Z	194QA6764A

Noise Data

Sound Power Level	61 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53 dB (A)	39 dB (A)	33 dB (A)

Fan Motor

Number	1
Shaft Power	10 W
Air Flow	420 m ³ /h
Blade diameter	230 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	389 W	229 W	1.6 A	1.7 W/W

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	348	203	1.5	1.71
-10	427	222	1.55	1.92
-5	517	244	1.62	2.12
0	619	268	1.69	2.31
5	732	295	1.78	2.48
10	857	325	1.89	2.64

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	315	210	1.55	1.51
-10	389	229	1.6	1.7
-5	471	251	1.66	1.88
0	564	276	1.74	2.04
5	666	304	1.84	2.19
10	778	335	1.95	2.32

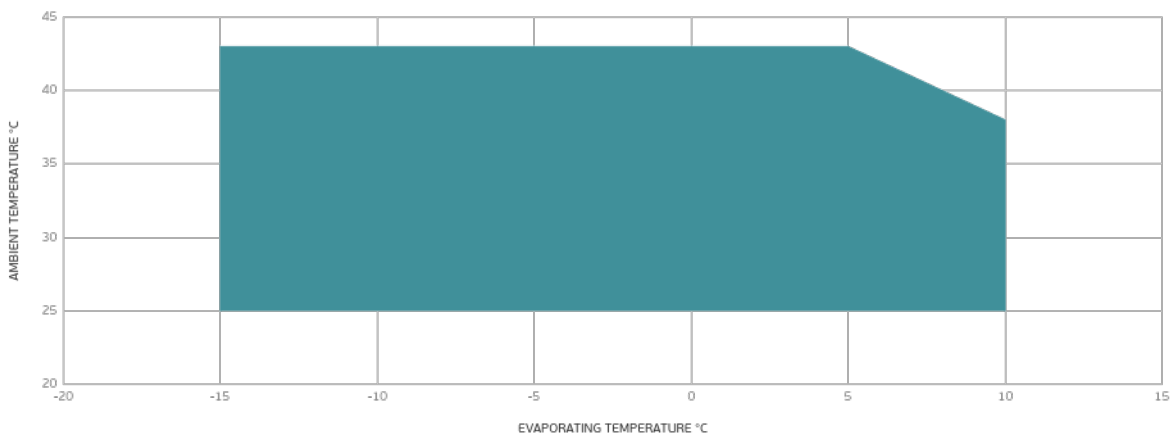
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	283	219	1.56	1.29
-10	348	242	1.63	1.44
-5	420	268	1.71	1.57
0	499	297	1.81	1.68
5	585	328	1.92	1.78
10	680	363	2.06	1.87

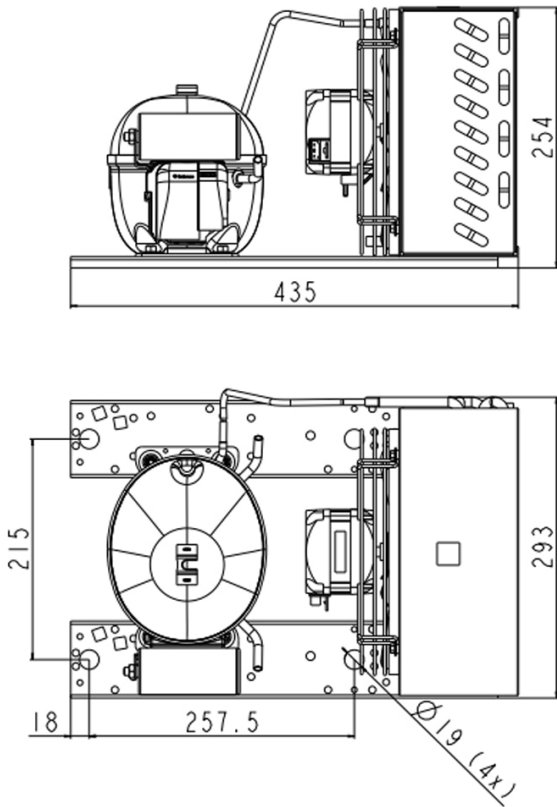
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



■ OPERATING CONDITION

External Dimensions



Wiring Diagram

