

APPROVALS



ENGINEERING CODE
593EA5112AA

APPROVED REFRIGERANT
R134a

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
EN13215_RG20

APPLICATION
M/HBP

COOLING CAPACITY
195 W

EFFICIENCY
1.5 W/W

DATA

General Data

Weight	13.5 Kg
Height	226 mm
Length	431 mm
Width	290 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	RSIR
Locked Rotor Amperage (LRA)	4.3 A
Max Current	1.2 A

Spare Parts

Condenser	2R8T	2451207
Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Fan Kit	10W 200/28/5B	1996581

Fan Motor

Number	1
Shaft Power	10 W
Air Flow	300 m ³ /h
Blade diameter	200 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	195 W	130 W	0.94 A	1.5 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	171	116	0.88	1.47
-10	215	126	0.91	1.7
-5	264	135	0.95	1.95
0	318	144	0.99	2.2
5	377	155	1.04	2.44
10	440	167	1.09	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	156	120	0.91	1.3
-10	195	130	0.94	1.5
-5	239	139	0.98	1.72
0	289	149	1.02	1.94
5	343	159	1.07	2.15
10	400	172	1.12	2.33

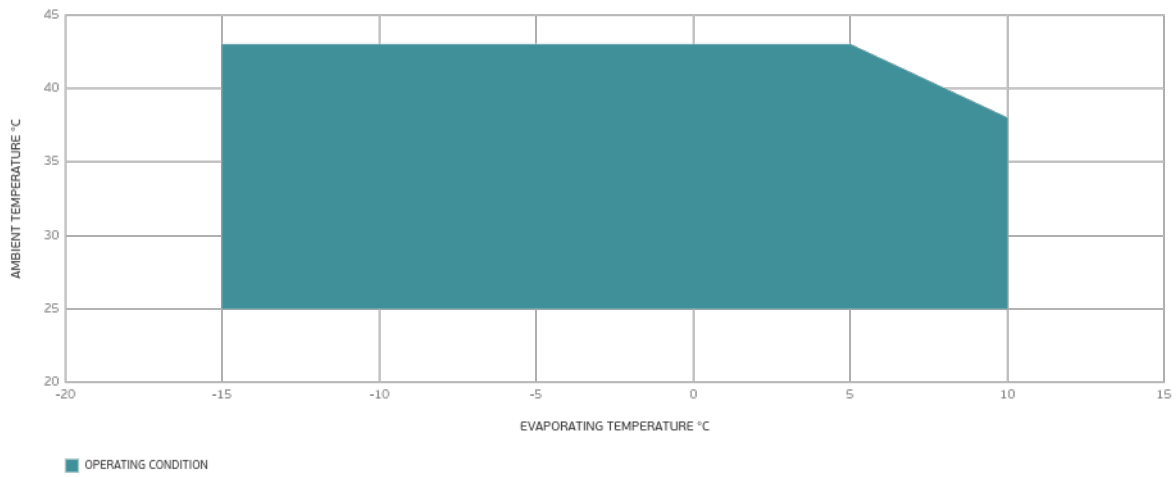
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

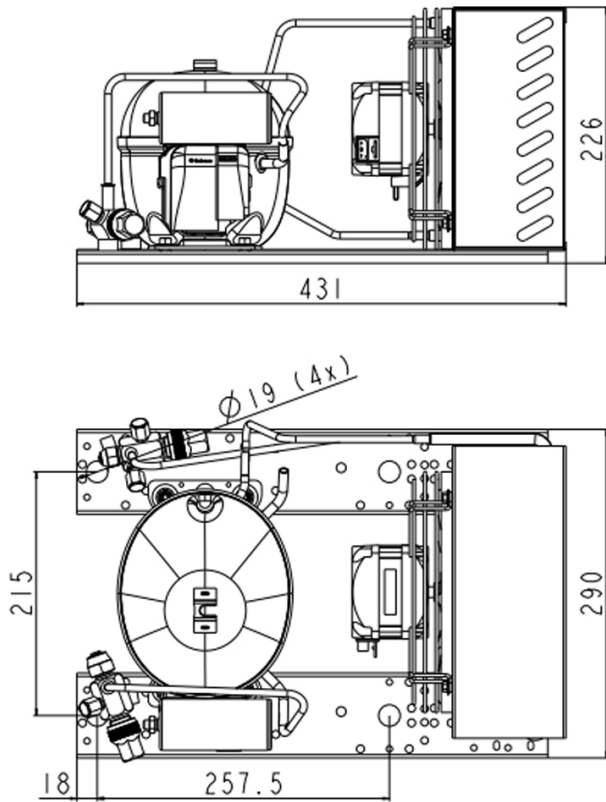
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	133	127	0.96	1.04
-10	166	138	1	1.2
-5	203	148	1.04	1.38
0	246	158	1.08	1.56
5	292	170	1.13	1.72
10	342	184	1.19	1.86

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

Operating Envelope



External Dimensions



Wiring Diagram

