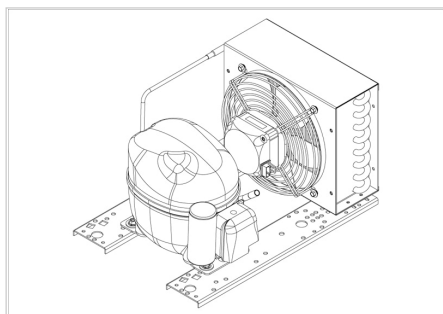




APPROVALS



 ENGINEERING CODE

558FA5312AA

 APPROVED REFRIGERANT

R134a

 POWER SUPPLY

220 - 240V 50Hz ~

 STANDARD CONDITIONS

EN13215_RG20

 APPLICATION

LBP

 COOLING CAPACITY

119 W

 EFFICIENCY

0.84 W/W

DATA

General Data

Weight	16.5 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)	6.9 A
Max Current	1.19 A

Spare Parts

Condenser	2R8T	2451207
Fan Kit	10W 200/28/5B	1996581
Compressor	NEK1118Z	268FA47..AM
Electrical Kit	ELKOM NEK1118Z	268FA4754A

Fan Motor

Number	1
Shaft Power	10 W
Air Flow	360 m³/h
Blade diameter	200 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	119 W	141 W	1.08 A	0.84 W/W

Test Condition EN13215_RG20: Evaporating temp. -35.00°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
-35	139	139	1.08	1
-30	185	157	1.13	1.18
-25	240	176	1.19	1.36
-20	303	198	1.26	1.53
-15	374	222	1.35	1.68
-10	451	251	1.46	1.79
-5	533	284	1.6	1.88

Test Condition EN13215_RG20: Evaporating temp. -35.00°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
-35	119	141	1.08	0.84
-30	164	160	1.14	1.02
-25	217	181	1.2	1.2
-20	279	204	1.28	1.37
-15	348	231	1.38	1.5
-10	423	262	1.5	1.61
-5	503	298	1.65	1.69

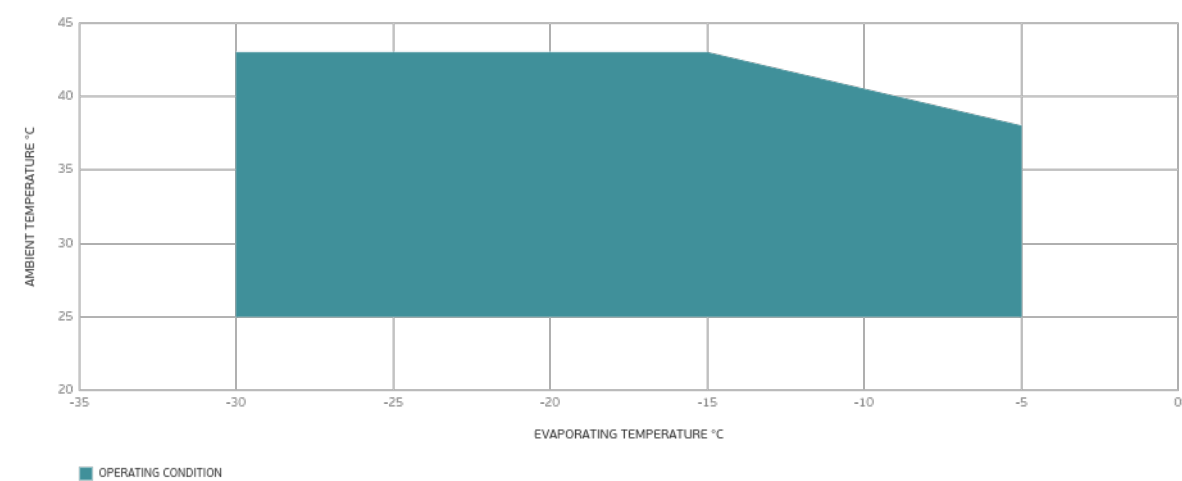
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

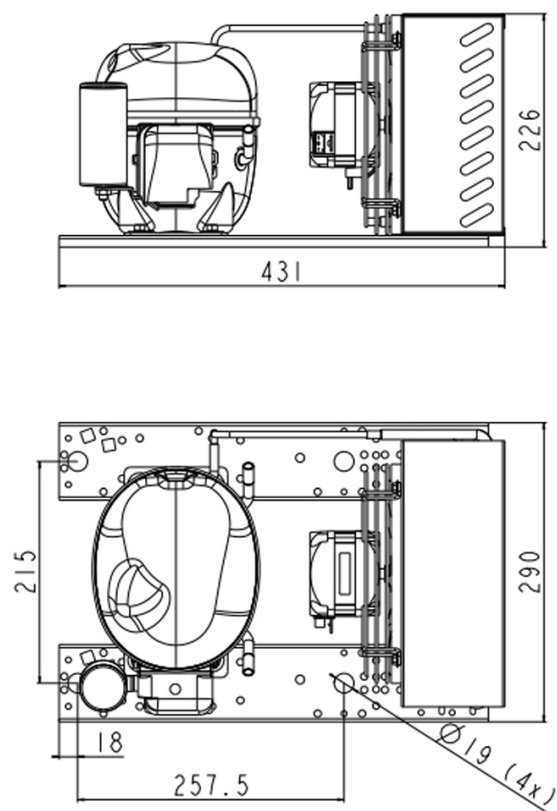
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-35	97	136	1.06	0.72
-30	130	159	1.13	0.82
-25	171	184	1.21	0.93
-20	220	213	1.31	1.03
-15	275	246	1.43	1.12

Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



External Dimensions



Wiring Diagram

