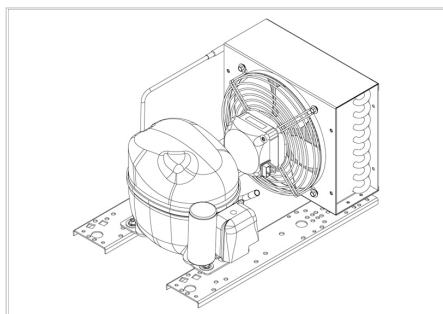




APPROVALS



 ENGINEERING CODE

556FA5312AA

 APPROVED REFRIGERANT

R513A

 POWER SUPPLY

220 - 240V 50Hz ~

 STANDARD CONDITIONS

EN13215_RG20

 APPLICATION

LBP

 COOLING CAPACITY

113 W

 EFFICIENCY

0.91 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	CSIR
Locked Rotor Amperage (LRA)	10 A
Max Current	1.37 A

Spare Parts

Compressor	NEK2116Z	267FA42..AN
Condenser	2R8T	2451207
Fan Kit	IQ3612 200/28/5B	1996701
Electrical Kit	ELKOM NEK2116Z	267FA42N1A

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	113 W	125 W	1.14 A	0.91 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	127	123	1.13	1.03
-30	168	139	1.17	1.21
-25	217	156	1.22	1.39
-20	275	176	1.27	1.56
-15	340	197	1.34	1.73
-10	413	220	1.41	1.88
-5	494	245	1.5	2.02

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	113	125	1.14	0.91
-30	151	141	1.17	1.07
-25	195	159	1.22	1.23
-20	247	180	1.28	1.37
-15	305	202	1.35	1.51
-10	371	227	1.43	1.63
-5	443	254	1.52	1.74

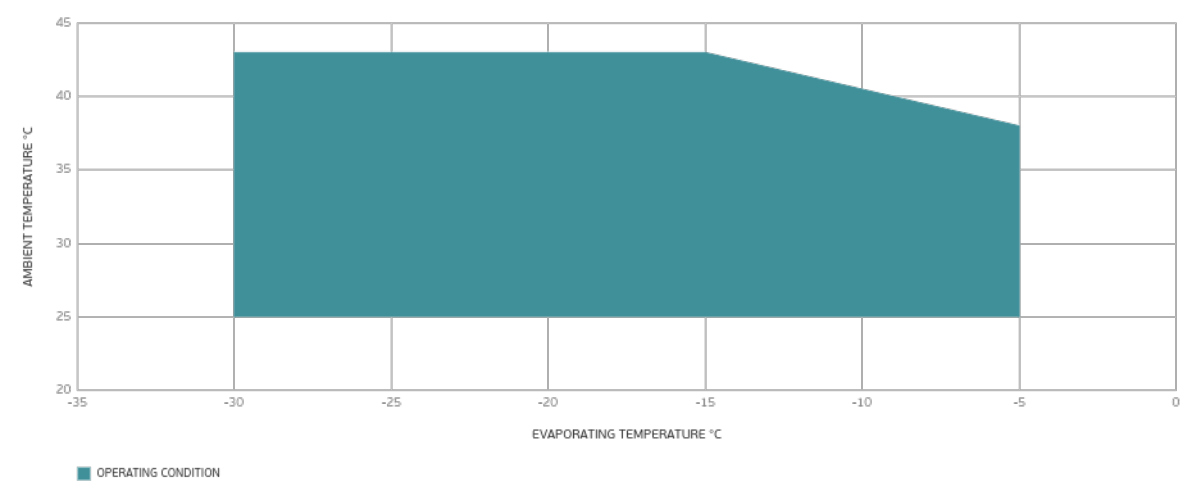
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

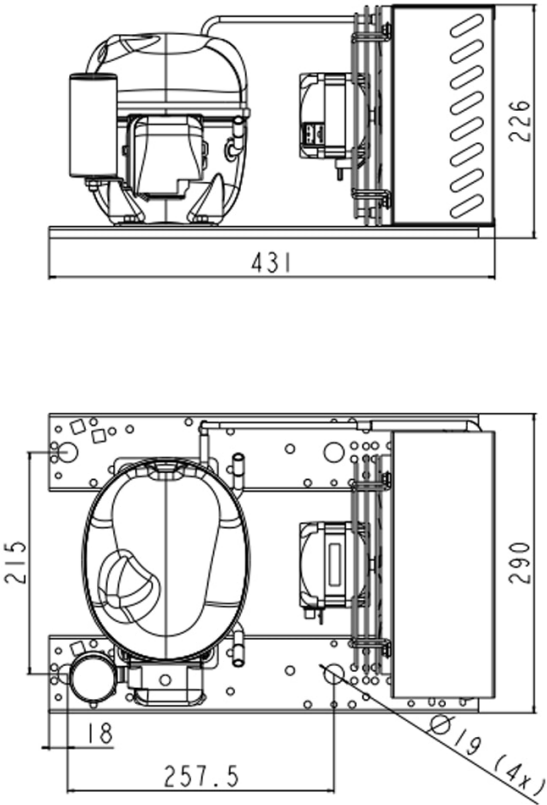
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-35	85	120	1.13	0.71
-30	122	140	1.17	0.87
-25	163	161	1.22	1.01
-20	210	185	1.29	1.14
-15	262	211	1.37	1.24

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

