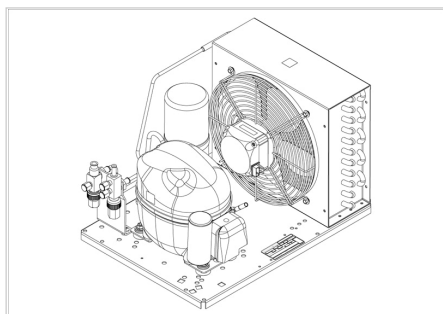




APPROVALS



 ENGINEERING CODE

659BA8612AA

 APPROVED REFRIGERANT

R452A

 POWER SUPPLY

220 - 240V 50Hz ~

 STANDARD CONDITIONS

EN13215_RG20

 APPLICATION

M/HBP

 COOLING CAPACITY

990 W

 EFFICIENCY

1.51 W/W

DATA

General Data

Weight	22 Kg
Receiver	1.1 L
Height	296 mm
Length	465 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	19.3 A
Max Current	5.97 A

Spare Parts

Condenser	3R11T	2451206
Fan Kit	16W 254/28/5B	1996579
Valve Suction	SOLDER 3/8"	2110060
Valve Discharge	SOLDER 1/4"	2110086
Compressor	NEK6213GK	959BA51..AN
Electrical Kit	ELKOM NEK6213GK	959BA51N1A

Noise Data

Sound Power Level	65.6 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	57.6 dB (A)	43.7 dB (A)	37.6 dB (A)

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	595 m³/h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	990 W	656 W	4.17 A	1.51 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
-20	753	512	3.54	1.47
-15	917	570	3.73	1.61
-10	1086	639	3.97	1.7
-5	1261	717	4.26	1.76
0	1445	807	4.61	1.79
5	1637	908	5.04	1.8
10	1840	1019	5.55	1.81

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
-20	673	537	3.79	1.25
-15	827	591	3.96	1.4
-10	990	656	4.17	1.51
-5	1161	733	4.43	1.58
0	1342	820	4.75	1.64
5	1536	919	5.15	1.67
10	1743	1030	5.62	1.69

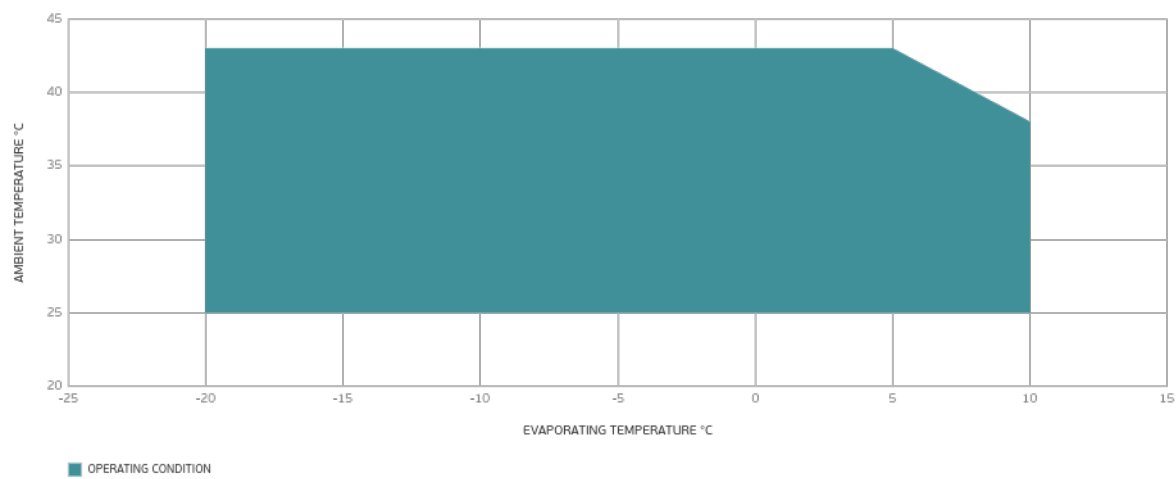
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

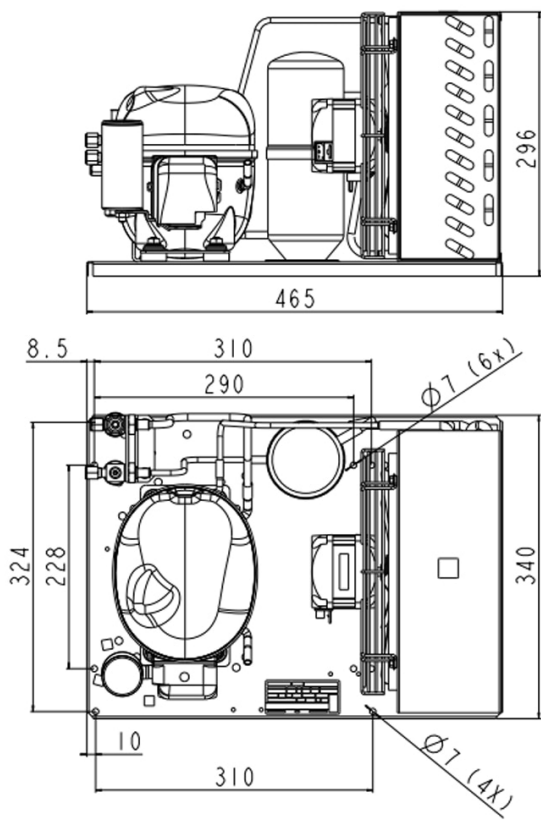
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	510	569	3.82	0.9
-15	630	631	4.05	1
-10	760	705	4.32	1.08
-5	904	791	4.62	1.14
0	1062	890	4.98	1.19
5	1237	1001	5.41	1.24
10	1429	1125	5.92	1.27

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

