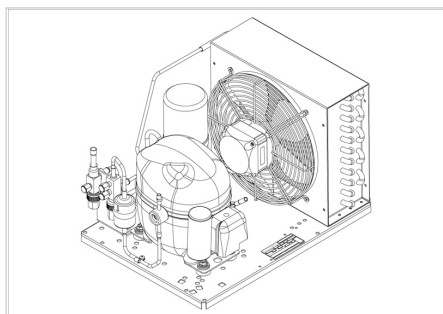




APPROVALS



 ENGINEERING CODE

674CAL612AA

 APPROVED REFRIGERANT

R452A

 POWER SUPPLY

220 - 240V 50Hz ~

 STANDARD CONDITIONS

EN13215_RG20

 APPLICATION

M/HBP

 COOLING CAPACITY

734 W

 EFFICIENCY

1.54 W/W

DATA

General Data

Weight	21.5 Kg
Receiver	1.1 L
Height	296 mm
Length	475 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	10.1 A
Max Current	3.91 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
Dryer	FILTER DRYER 6MM ODF	2730006
Sight Glass	SIGHT GLASS 6MM ODF	2464031
Compressor	NEK6210GK	958CA51..AM
Electrical Kit	ELKOM NEK6210GK	958CA51N1A

Noise Data

Sound Power Level	65.1 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	57.1 dB (A)	43.1 dB (A)	37.1 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	734 W	478 W	3.17 A	1.54 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	545	372	2.73	1.47
-15	679	410	2.87	1.66
-10	822	452	3.01	1.82
-5	975	497	3.19	1.96
0	1139	547	3.39	2.08
5	1314	602	3.63	2.18
10	1502	661	3.92	2.27

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	492	399	2.9	1.23
-15	608	436	3.03	1.39
-10	734	478	3.17	1.54
-5	873	525	3.33	1.66
0	1024	577	3.53	1.77
5	1188	635	3.76	1.87
10	1365	700	4.05	1.95

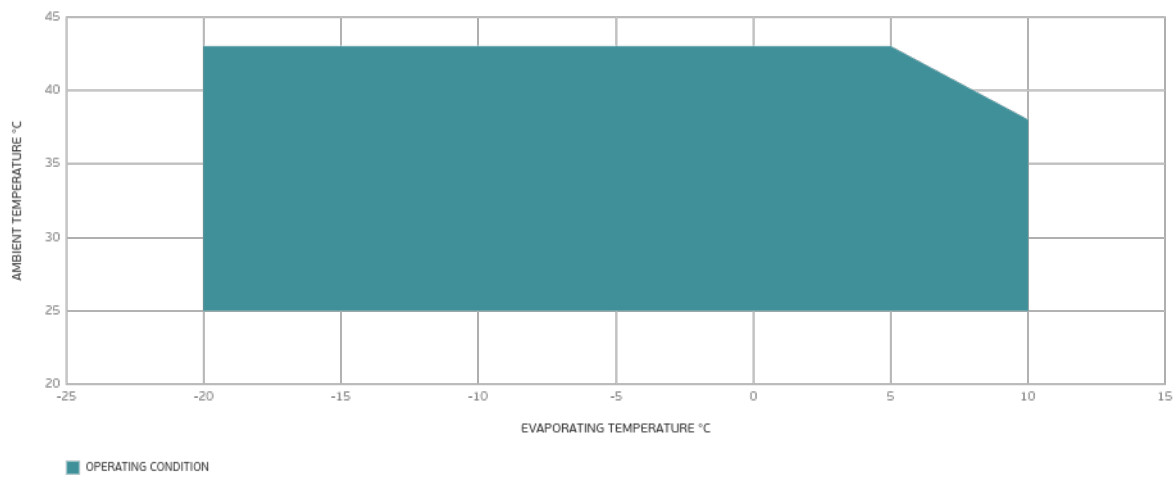
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

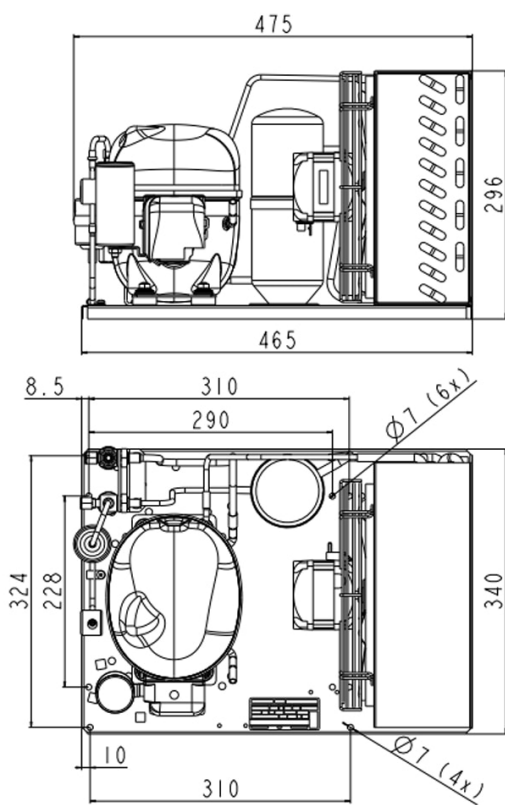
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	375	427	2.95	0.88
-15	459	469	3.11	0.98
-10	556	517	3.29	1.08
-5	668	571	3.49	1.17
0	794	633	3.72	1.26
5	936	702	3.99	1.33
10	1094	779	4.31	1.4

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

