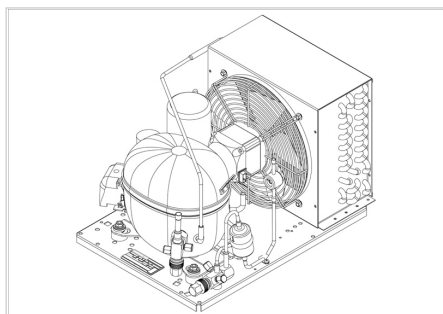




APPROVALS



 **ENGINEERING CODE**
502EAL612AA

 **APPROVED REFRIGERANT**
R452A

 **POWER SUPPLY**
220 - 240V 50Hz ~

 **STANDARD CONDITIONS**
EN13215_RG20

 **APPLICATION**
LBP

 **COOLING CAPACITY**
443 W

 **EFFICIENCY**
0.97 W/W

DATA

General Data

Weight	27.7 Kg
Receiver	1.2 L
Height	296 mm
Length	494 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	25 A
Max Current	4.24 A

Spare Parts

Valve Discharge	SOLDER 1/4"	2110047
Fan Kit	16W 254/28/5B	1996579
Dryer	FILTER DRYER 6MM ODF	2730006
Sight Glass	SIGHT GLASS 6MM ODF	2464031
Condenser	4R11T	2451217
Compressor	NT2178GK	922EA09..AC
Electrical Kit	ELKOM NT2178GK	922EA0413A
Valve Suction	SOLDER 3/8"	2110049

Noise Data

Sound Power Level	65 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	57 dB (A)	43.1 dB (A)	37 dB (A)

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	460 m³/h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	443 W	456 W	3.51 A	0.97 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
-40	422	407	3.42	1.04
-35	516	457	3.52	1.13
-30	644	519	3.7	1.24
-25	805	590	3.95	1.36
-20	998	670	4.24	1.49
-15	1221	756	4.58	1.61
-10	1473	848	4.96	1.74

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
-40	352	398	3.38	0.88
-35	443	456	3.51	0.97
-30	565	526	3.72	1.07
-25	714	605	4	1.18
-20	890	693	4.33	1.28
-15	1091	787	4.7	1.39
-10	1315	886	5.11	1.48

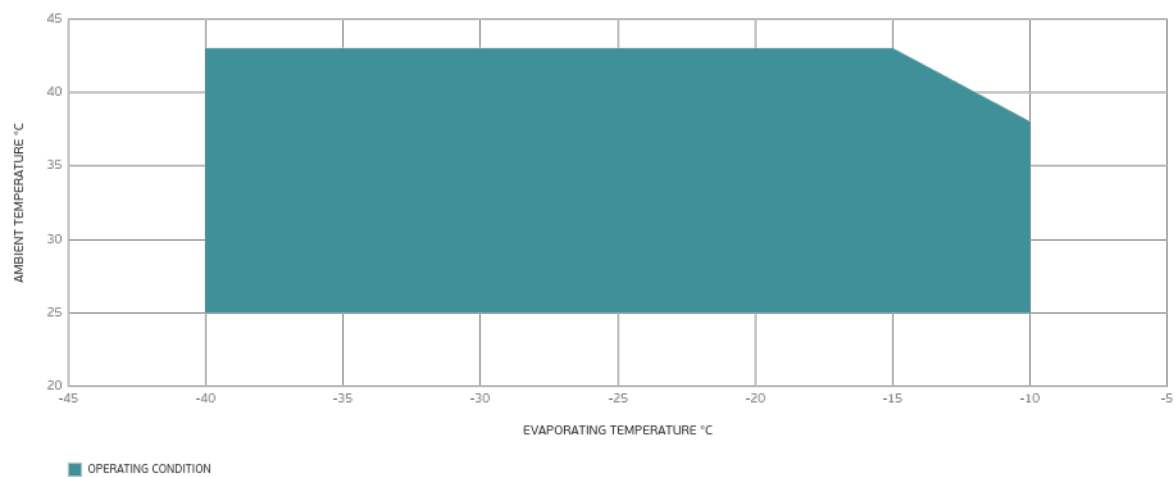
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

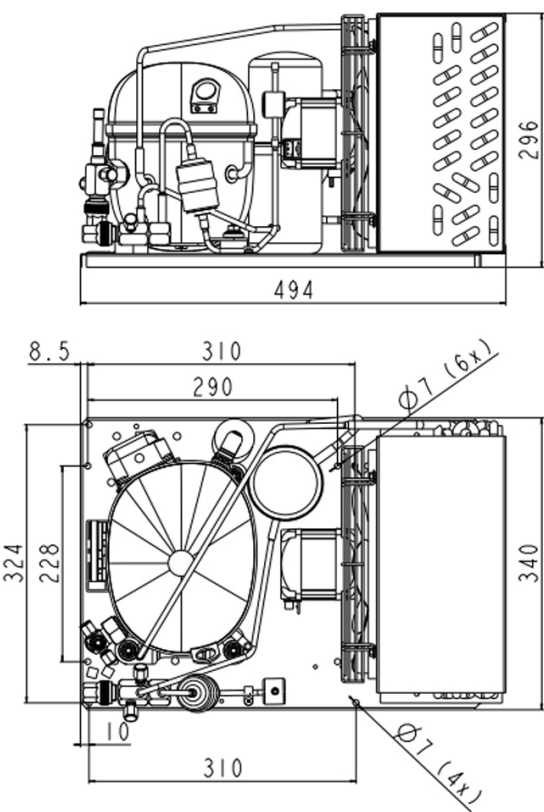
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	226	385	3.31	0.59
-35	306	456	3.49	0.67
-30	407	538	3.75	0.76
-25	527	630	4.07	0.84
-20	666	729	4.44	0.91
-15	823	835	4.86	0.99
-10	994	945	5.32	1.05

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

