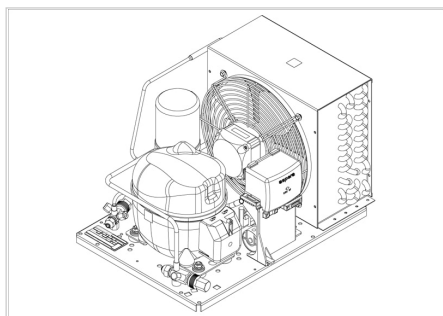


MODEL
UNEK2168GK



APPROVALS



 **ENGINEERING CODE**
559FA5604AA

 **APPROVED REFRIGERANT**
R404A

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

 **STANDARD CONDITIONS**
EN13215_RG20

 **APPLICATION**
LBP

 **COOLING CAPACITY**
401 W

 **EFFICIENCY**
0.78 W/W

DATA

General Data

Weight	24.2 Kg
Receiver	1.1 L
Height	296 mm
Length	499 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	18.5 A
Max Current	4.2 A

Spare Parts

Valve Suction	SOLDER 3/8"	2110046
Valve Discharge	SOLDER 1/4"	2110047
Condenser	4R11T	2451217
Fan Kit	16W 254/28/5B	1996609
Compressor	NEK2168GK	959HA51..AM
Electrical Kit	ELKOM NEK2168GK	959HA5190A

Noise Data

Sound Power Level	64.2 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	56.2 dB (A)	42.2 dB (A)	36.2 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	401 W	512 W	4.21 A	0.78 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	338	432	3.95	0.78
-35	440	495	4.08	0.89
-30	570	558	4.22	1.02
-25	727	625	4.39	1.16
-20	908	700	4.62	1.3
-15	1110	786	4.91	1.41
-10	1331	888	5.29	1.5

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	312	450	4.1	0.69
-35	401	512	4.21	0.78
-30	518	574	4.34	0.9
-25	659	642	4.52	1.03
-20	824	719	4.75	1.15
-15	1008	810	5.06	1.25
-10	1211	917	5.46	1.32

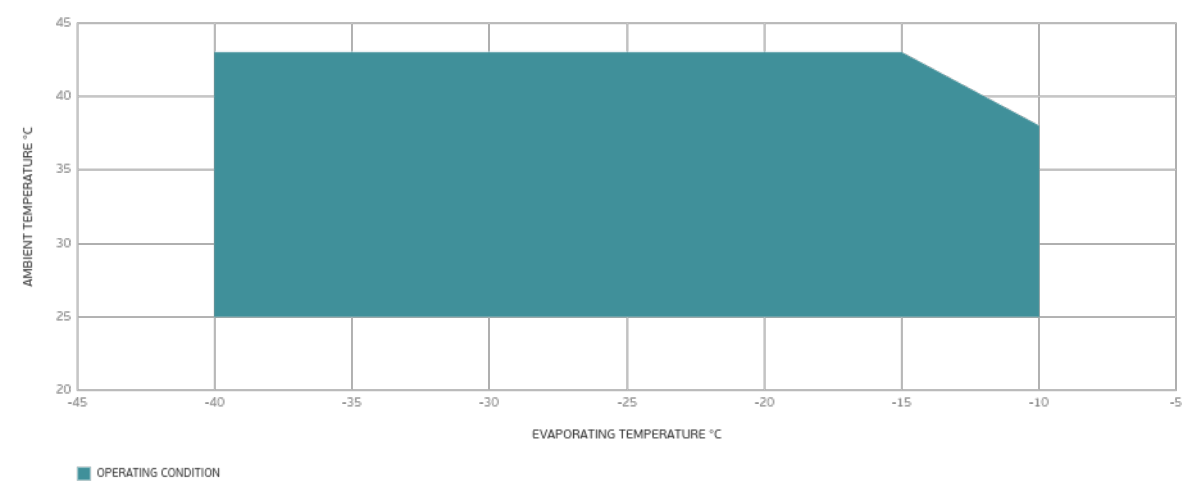
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

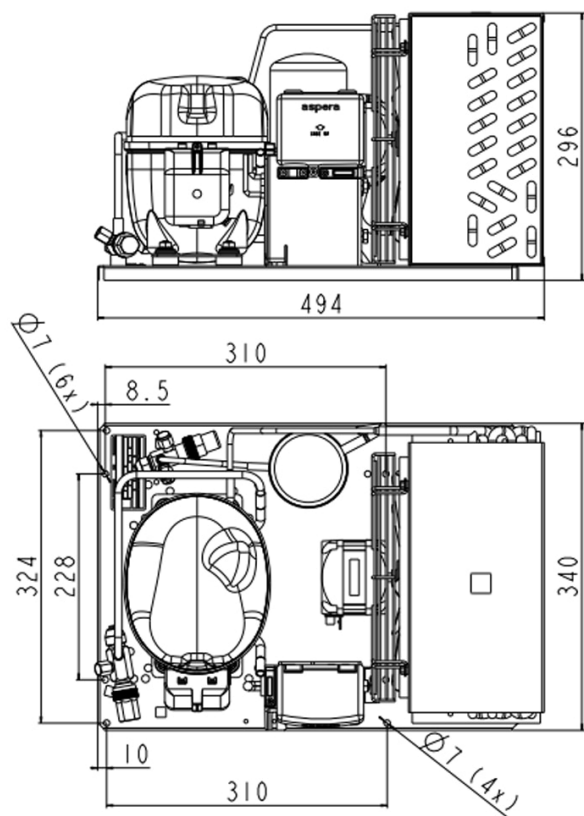
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	268	479	4.36	0.56
-35	341	542	4.46	0.63
-30	439	608	4.6	0.72
-25	561	681	4.79	0.82
-20	703	766	5.06	0.92
-15	864	866	5.41	1
-10	1040	985	5.86	1.06

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

