


**APPROVALS**



 **ENGINEERING CODE**  
559GA5604AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_RG20

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1212 W

 **EFFICIENCY**  
1.69 W/W

DATA

### General Data

<b>Weight</b>	28.5 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	324 mm
<b>Length</b>	471 mm
<b>Width</b>	395 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

### Electrical Data

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	21.5 A
<b>Max Current</b>	5.55 A

## Spare Parts

Fan Kit	34W 275/31/5B	1996583
Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 1/2"	2110052
Condenser	3R12T	2451218
Compressor	NEK6217GK	959GA51..AM
Electrical Kit	ELKOM NEK6217GK	959GA5190A

## Noise Data

Sound Power Level	68.3 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	60.3 dB (A)	46.3 dB (A)	40.3 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m <sup>3</sup> /h
Blade diameter	275 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1212 W	717 W	3.61 A	1.69 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	911	576	2.92	1.58
-15	1115	633	3.16	1.76
-10	1329	699	3.44	1.9
-5	1557	773	3.76	2.01
0	1801	856	4.14	2.1
5	2062	948	4.57	2.17
10	2343	1049	5.08	2.23

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	813	604	3.13	1.35
-15	1006	656	3.36	1.53
-10	1212	717	3.61	1.69
-5	1434	788	3.91	1.82
0	1674	870	4.26	1.93
5	1935	961	4.67	2.01
10	2218	1062	5.15	2.09

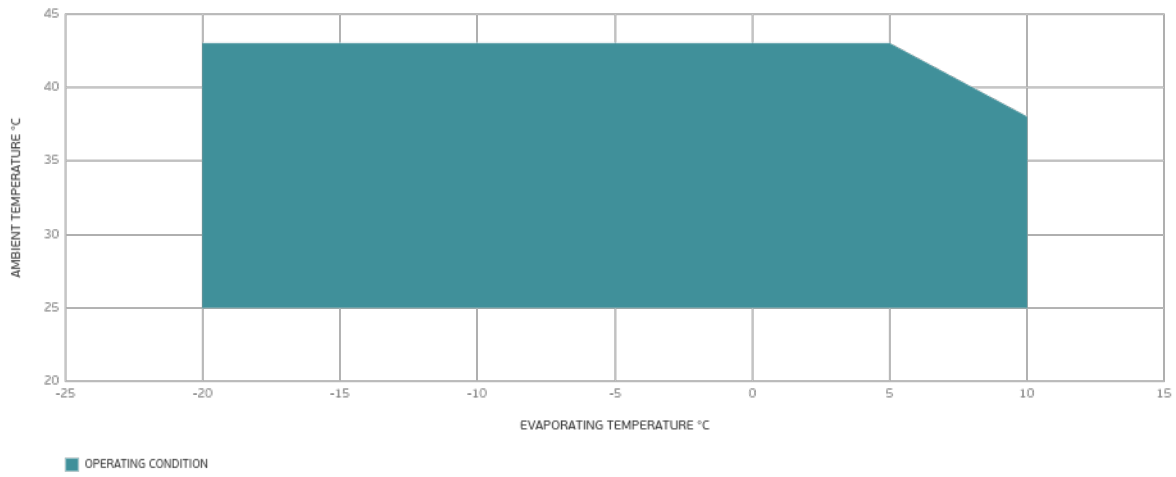
Test Condition EN13215\_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

### Ambient Temperature 43°C

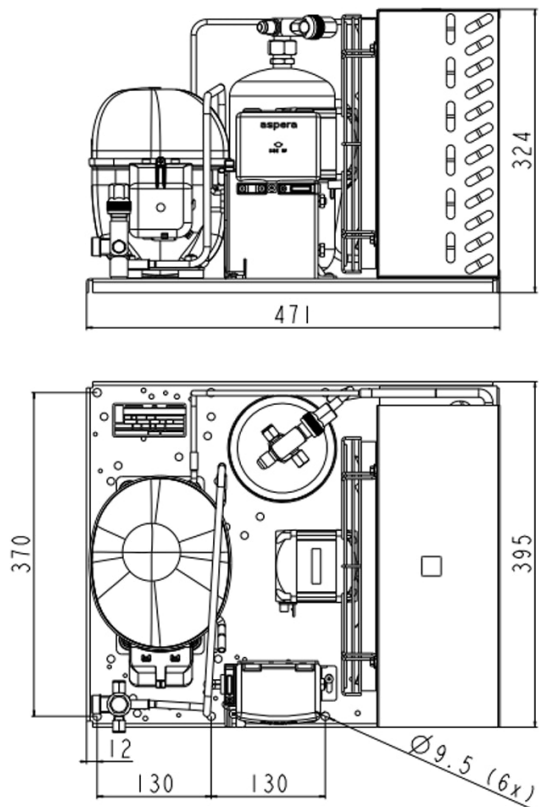
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	653	633	3.23	1.03
-15	793	694	3.51	1.14
-10	952	766	3.82	1.24
-5	1130	849	4.17	1.33
0	1331	944	4.57	1.41
5	1556	1051	5.03	1.48
10	1807	1169	5.55	1.55

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

