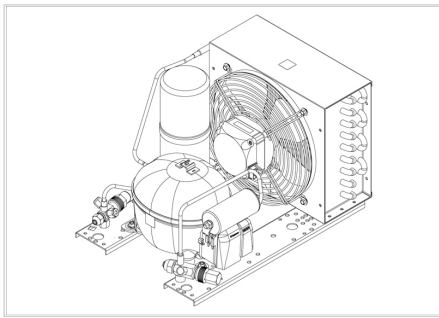


MODEL

**UEMT6165GK**

embraco





APPROVALS



 **ENGINEERING CODE**  
592GA5212AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
438 W

 **EFFICIENCY**  
1.48 W/W

DATA

## General Data

Weight	16.5 Kg
Receiver	1.1 L
Height	254 mm
Length	435 mm
Width	300 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	10.4 A
Max Current	2.32 A

## Spare Parts

Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Condenser	3R9T	2451205
Compressor	EMT6165GK	912GA67..AR
Electrical Kit	ELCOM EMT6165GK	912GA6764A
Fan Kit	10W 230/31°/5B	1996580

## Noise Data

Sound Power Level	61 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53 dB (A)	39 dB (A)	33 dB (A)

## Fan Motor

Number	1
Shaft Power	10 W
Air Flow	420 m <sup>3</sup> /h
Blade diameter	230 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	438 W	295 W	1.93 A	1.48 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	328	240	1.76	1.37
-15	409	262	1.81	1.56
-10	511	283	1.87	1.8
-5	625	306	1.93	2.04
0	745	334	2.02	2.24
5	865	368	2.15	2.35
10	976	411	2.32	2.37

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	280	248	1.82	1.13
-15	348	272	1.88	1.28
-10	438	295	1.93	1.48
-5	545	320	2	1.71
0	661	348	2.1	1.9
5	778	384	2.23	2.03
10	891	429	2.42	2.08

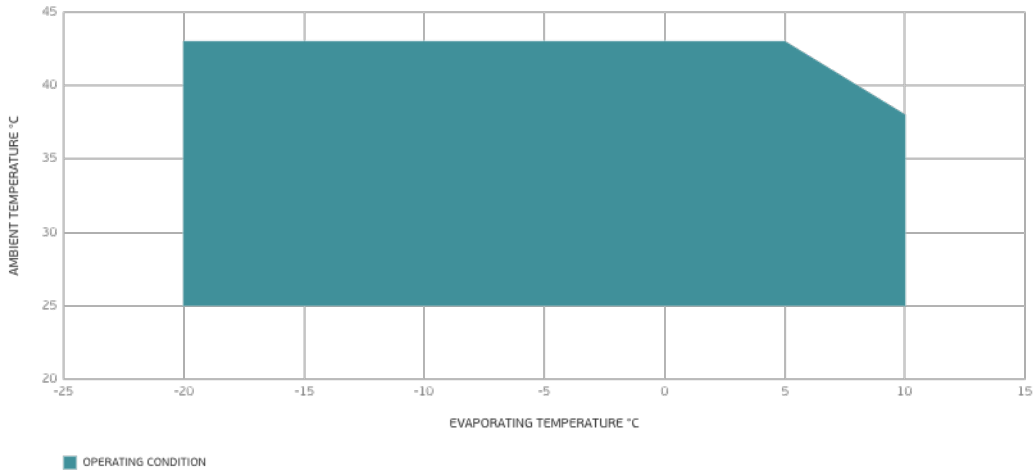
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

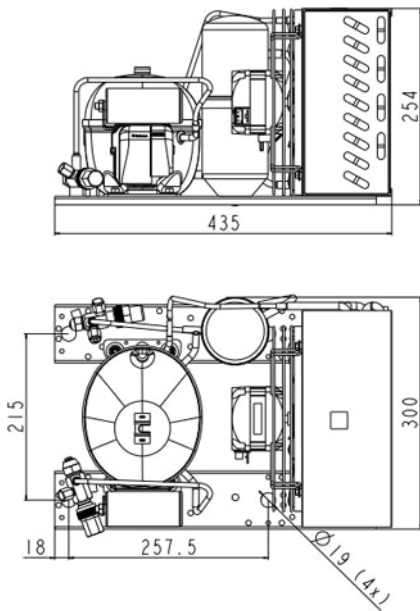
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	238	275	1.96	0.87
-15	285	303	2.04	0.94
-10	360	329	2.11	1.09
-5	455	357	2.2	1.27
0	564	389	2.31	1.45
5	680	427	2.47	1.59
10	795	475	2.68	1.68

Test Condition: EN13215\_SH10, M/HBP

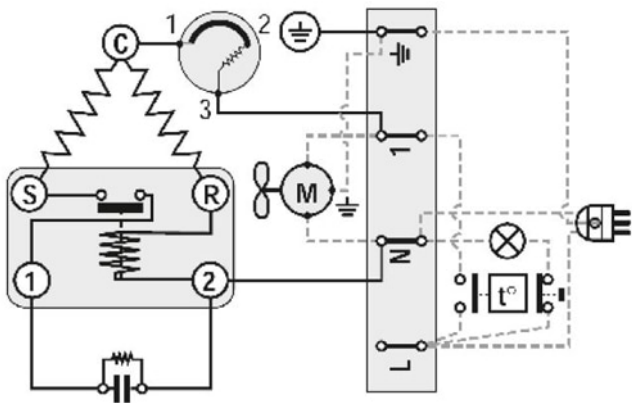
## Operating Envelope



## External Dimensions



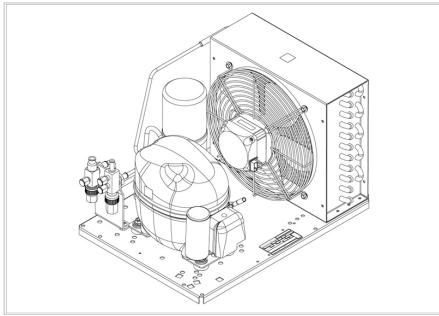
## Wiring Diagram



MODEL

**UNEK6181GK**

embraco





APPROVALS




 **ENGINEERING CODE**  
557MA8212AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
591 W

 **EFFICIENCY**  
1.38 W/W

DATA

## General Data

Weight	21 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)	12 A
Max Current	2.7 A

## Spare Parts

Condenser	3R11T	2451206
Valve Suction	FLARE 3/8"	2110059
Valve Discharge	FLARE 1/4"	2110085
Compressor	NEK6181GK	957MA51..AN
Electrical Kit	ELKOM NEK6181GK	957MA51N1A
Fan Kit	16W 254/28°/5B	1996610

## Noise Data

Sound Power Level	64.3 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	56.30379466 dB (A)	42.32439457 dB (A)	36.30379466 dB (A)

## Fan Motor

Number	1
Shaft Power	16 W
Air Flow	595 m <sup>3</sup> /h
Blade diameter	254 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	591 W	427 W	2.83 A	1.38 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	414	344	2.48	1.21
-15	522	377	2.6	1.39
-10	642	412	2.73	1.56
-5	779	449	2.87	1.74
0	937	486	3	1.93
5	1120	524	3.15	2.14
10	1331	560	3.3	2.38

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	369	357	2.58	1.03
-15	474	391	2.7	1.21
-10	591	427	2.83	1.38
-5	726	466	2.97	1.56
0	883	507	3.11	1.74
5	1065	548	3.25	1.94
10	1277	589	3.41	2.17

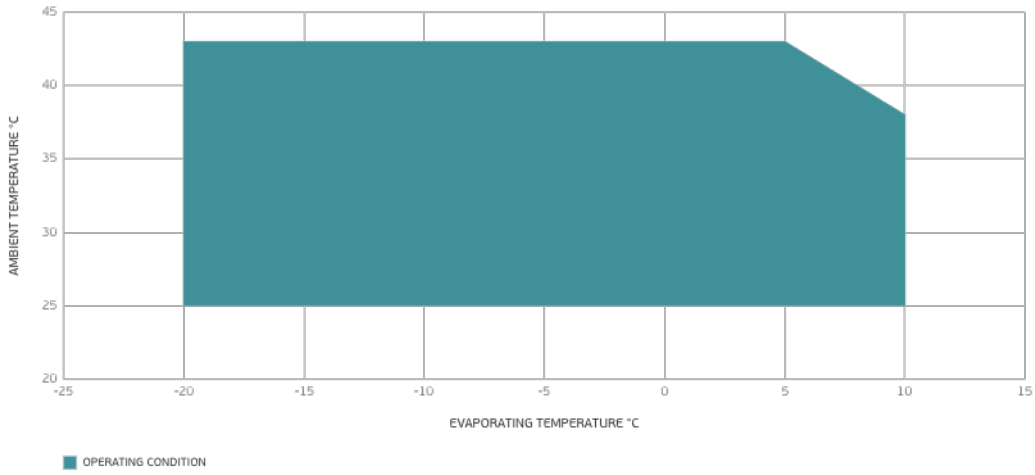
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

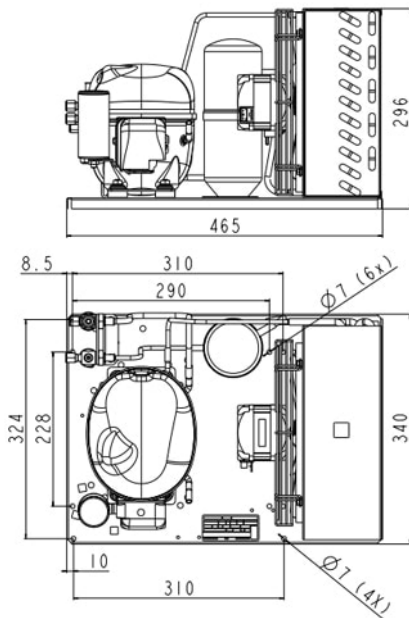
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	304	370	2.55	0.82
-15	394	412	2.72	0.96
-10	499	460	2.89	1.09
-5	623	510	3.06	1.22
0	770	564	3.25	1.37
5	944	619	3.43	1.53
10	1149	675	3.63	1.7

Test Condition: EN13215\_SH10, M/HBP

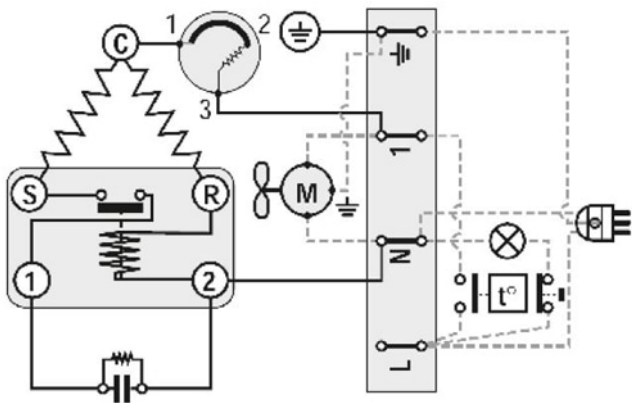
## Operating Envelope



## External Dimensions



## Wiring Diagram

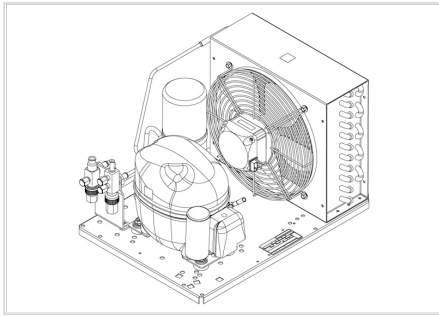




MODEL


**UNEK6210GK**

embraco





APPROVALS




 **ENGINEERING CODE**  
674CA8212AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
660 W

 **EFFICIENCY**  
1.36 W/W

DATA

## General Data

Weight	21.4 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)	16.1 A
Max Current	3.91 A

## Spare Parts

Condenser	3R11T	2451206
Valve Suction	FLARE 3/8"	2110059
Valve Discharge	FLARE 1/4"	2110085
Compressor	NEK6210GK	958CA51..AM
Electrical Kit	ELKOM NEK6210GK	958CA51N1A
Fan Kit	16W 254/28°/5B	1996610

## 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 m <sup>3</sup> /h
Blade diameter	254 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	660 W	484 W	3.22 A	1.36 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	474	375	2.74	1.27
-15	607	416	2.9	1.46
-10	753	459	3.06	1.64
-5	914	505	3.24	1.81
0	1092	553	3.43	1.97
5	1288	605	3.65	2.13
10	1504	661	3.89	2.28

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	415	398	2.9	1.04
-15	530	439	3.05	1.21
-10	660	484	3.22	1.36
-5	806	531	3.4	1.52
0	970	583	3.6	1.66
5	1154	639	3.81	1.81
10	1360	699	4.06	1.94

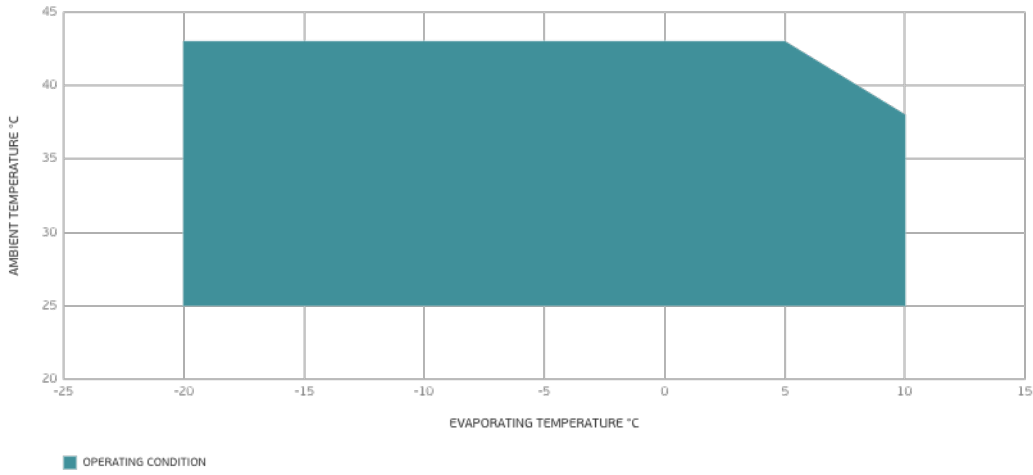
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

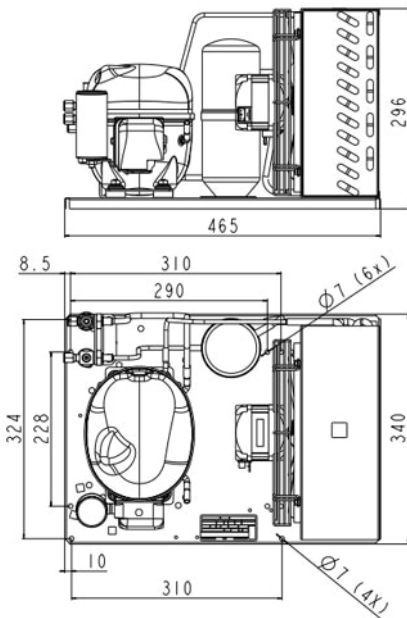
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	314	429	2.93	0.73
-15	398	473	3.11	0.84
-10	499	522	3.3	0.96
-5	618	577	3.51	1.07
0	758	637	3.73	1.19
5	919	702	3.97	1.31
10	1105	774	4.24	1.43

Test Condition: EN13215\_SH10, M/HBP

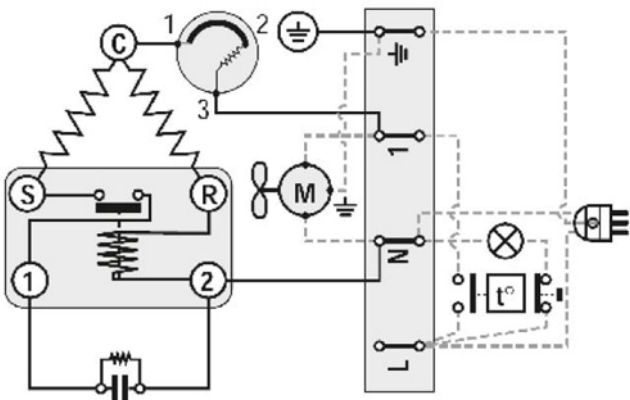
## Operating Envelope



## External Dimensions



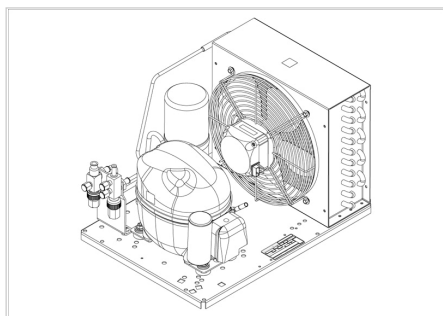
## Wiring Diagram



MODEL

**UNEK6213GK**

embraco



APPROVALS



 **ENGINEERING CODE**

659BA8212AA

 **APPROVED REFRIGERANT**

R452A

 **POWER SUPPLY**

220 - 240V 50Hz ~

 **STANDARD CONDITIONS**

EN13215\_SH10

 **APPLICATION**

M/HBP

 **COOLING CAPACITY**

890 W

 **EFFICIENCY**

1.34 W/W

DATA

## General Data

Weight	22.6 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
Valve Suction	FLARE 3/8"	2110059
Valve Discharge	FLARE 1/4"	2110085
Compressor	NEK6213GK	959BA51..AN
Electrical Kit	ELKOM NEK6213GK	959BA51N1A
Fan Kit	16W 254/28°/5B	1996579

## Noise Data

Sound Power Level	65.64 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	57.63575881 dB (A)	43.65635873 dB (A)	37.63575881 dB (A)

## Fan Motor

Number	1
Shaft Power	16 W
Air Flow	595 m <sup>3</sup> /h
Blade diameter	254 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	890 W	664 W	4.24 A	1.34 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	655	516	3.55	1.27
-15	820	579	3.78	1.42
-10	994	649	4.03	1.53
-5	1182	728	4.33	1.62
0	1384	816	4.67	1.7
5	1604	913	5.07	1.76
10	1844	1018	5.51	1.81

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	568	536	3.78	1.06
-15	723	596	4	1.21
-10	890	664	4.24	1.34
-5	1072	741	4.52	1.45
0	1272	828	4.84	1.54
5	1492	924	5.21	1.61
10	1735	1030	5.63	1.68

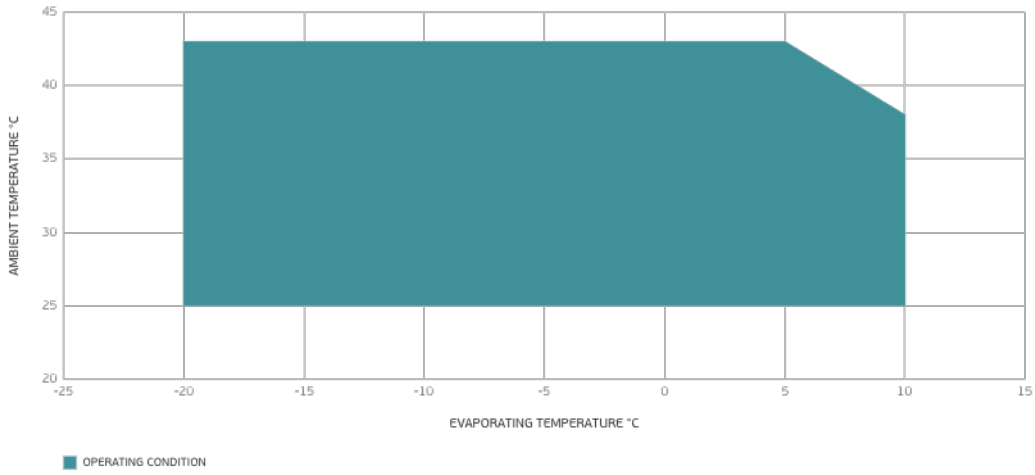
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

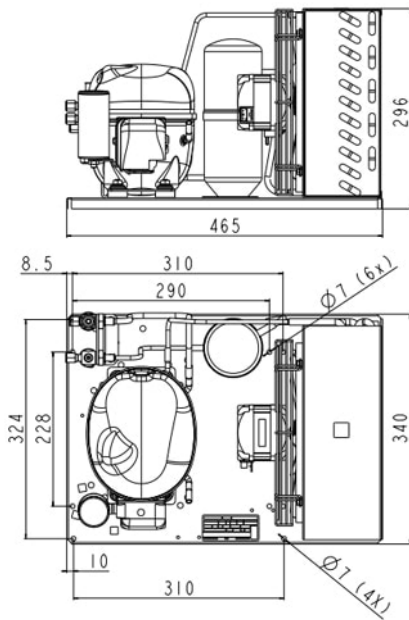
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	427	571	3.79	0.75
-15	546	637	4.05	0.86
-10	681	713	4.34	0.96
-5	836	799	4.65	1.05
0	1014	895	5	1.13
5	1215	1002	5.38	1.21
10	1444	1119	5.82	1.29

Test Condition: EN13215\_SH10, M/HBP

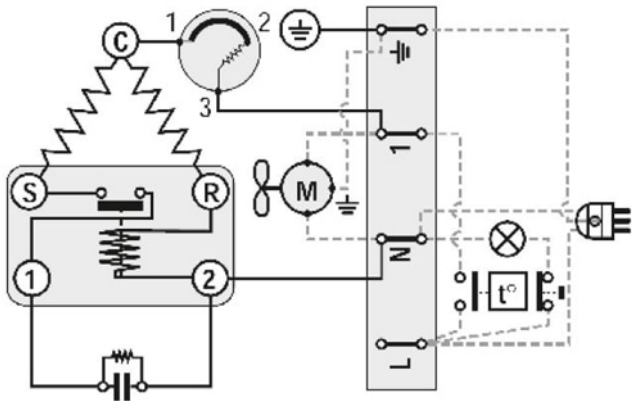
## Operating Envelope



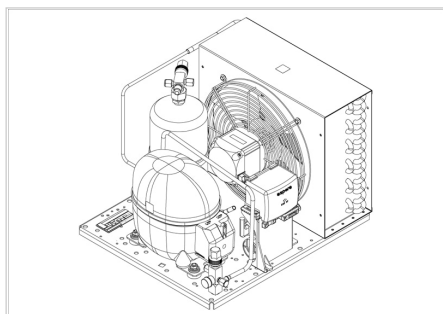
## External Dimensions



## Wiring Diagram








APPROVALS




 **ENGINEERING CODE**  
559GA5204AA

 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1090 W

 **EFFICIENCY**  
1.5 W/W

DATA

### General Data

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

### Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	21.5 A
Max Current	5.55 A

## Spare Parts

Valve Suction	FLARE 1/2"	2110051
Valve Discharge	FLARE 3/8"	2110056
Condenser	3R12T	2451218
Compressor	NEK6217GK	959GA51..AM
Electrical Kit	ELKOM NEK6217GK	959GA5190A
Fan Kit	34W 275/31°/5B	1996583

## 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	1090 W	725 W	3.67 A	1.5 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	792	581	2.93	1.37
-15	996	642	3.2	1.55
-10	1217	710	3.5	1.71
-5	1459	785	3.83	1.86
0	1725	866	4.19	1.99
5	2020	954	4.6	2.12
10	2347	1048	5.05	2.24

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	686	603	3.13	1.14
-15	878	661	3.39	1.33
-10	1090	725	3.67	1.5
-5	1325	798	3.99	1.66
0	1587	878	4.34	1.81
5	1880	966	4.73	1.95
10	2208	1061	5.16	2.08

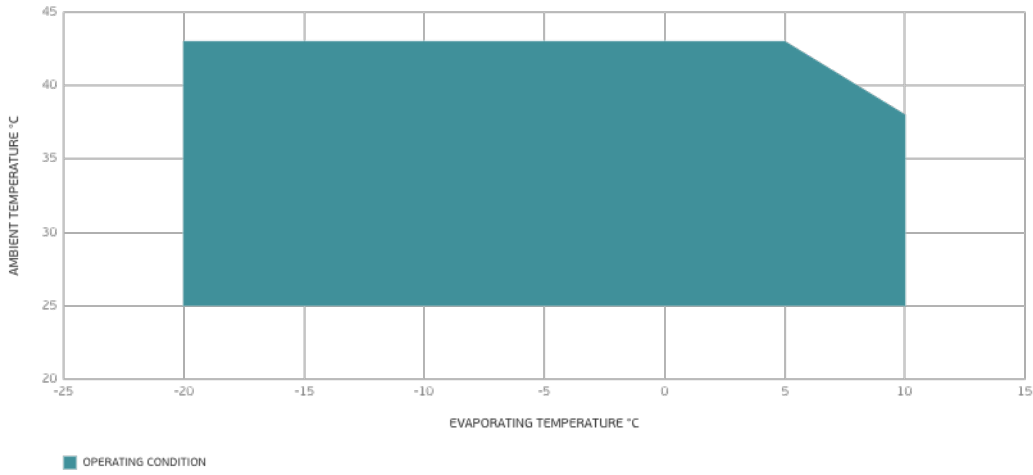
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

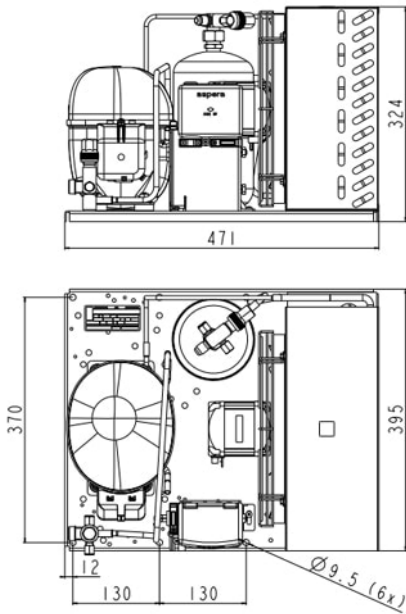
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	547	636	3.21	0.86
-15	688	700	3.51	0.98
-10	853	774	3.84	1.1
-5	1046	857	4.2	1.22
0	1270	950	4.58	1.34
5	1529	1052	5	1.45
10	1827	1163	5.46	1.57

Test Condition: EN13215\_SH10, M/HBP

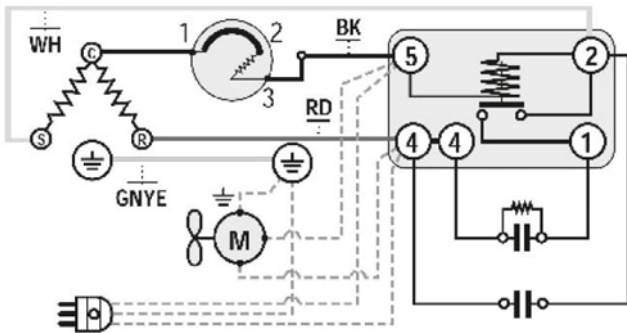
## Operating Envelope



## External Dimensions



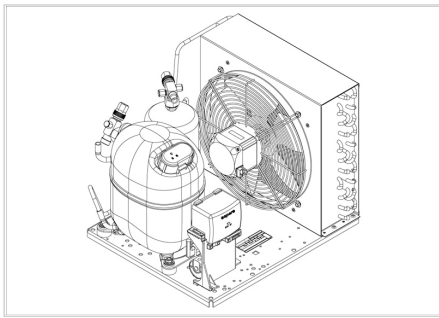
## Wiring Diagram



MODEL

**UNJ9226GK**

**embraco**





**APPROVALS**




 **ENGINEERING CODE**  
644LV5610AA

 **APPROVED REFRIGERANT**  
R452A

 **POWER SUPPLY**  
230V 50Hz ~

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1448 W

 **EFFICIENCY**  
1.41 W/W

DATA

## General Data

<b>Weight</b>	39.6 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	372 mm
<b>Length</b>	482 mm
<b>Width</b>	411 mm
<b>Power Supply</b>	230 V 50 Hz

## Electrical Data

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	27.5 A
<b>Max Current</b>	6.7 A

## Spare Parts

Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 5/8"	2110054
Condenser	3R14T	2451221
Electrical Kit	ELKOM NJ9226GK	944LV1104A
Compressor	NJ9226GK	944LV19..AC
Fan Kit	34W 300/28°/5B	1996585

## Noise Data

Sound Power Level	70.42 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.41760231 dB (A)	48.43820222 dB (A)	42.41760231 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	700 m <sup>3</sup> /h
Blade diameter	300 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1448 W	1028 W	4.83 A	1.41 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1074	811	3.96	1.32
-15	1379	895	4.27	1.54
-10	1715	994	4.68	1.72
-5	2081	1107	5.17	1.88
0	2476	1229	5.73	2.01
5	2899	1360	6.34	2.13
10	3349	1497	7	2.24

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	844	833	4.06	1.01
-15	1129	923	4.41	1.22
-10	1448	1028	4.83	1.41
-5	1800	1144	5.32	1.57
0	2185	1272	5.86	1.72
5	2601	1407	6.44	1.85
10	3048	1548	7.05	1.97

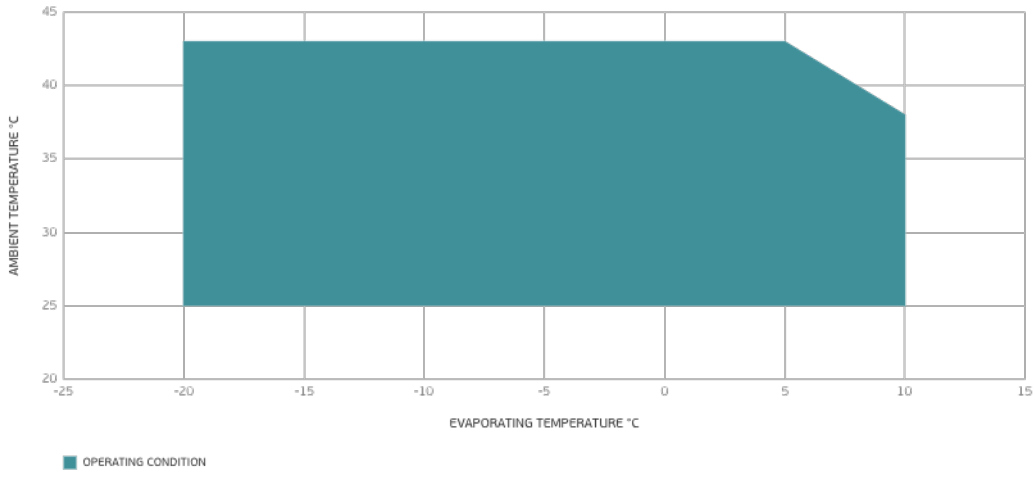
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

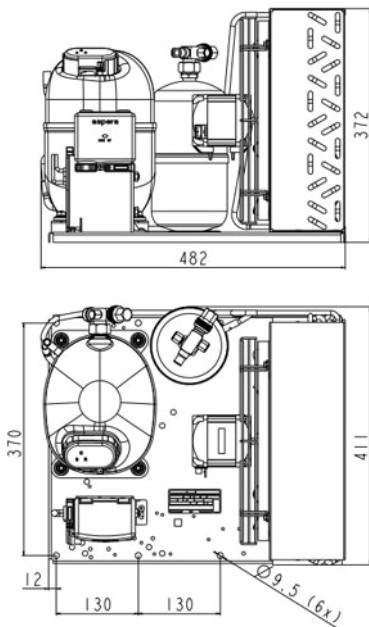
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	763	837	4	0.91
-15	1014	934	4.45	1.09
-10	1304	1045	4.95	1.25
-5	1634	1168	5.48	1.4
0	2002	1300	6.04	1.54
5	2407	1440	6.61	1.67
10	2847	1586	7.19	1.8

Test Condition: EN13215\_SH10, M/HBP

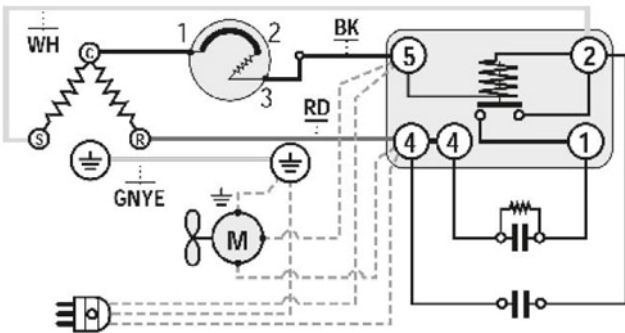
## Operating Envelope



## External Dimensions



## Wiring Diagram

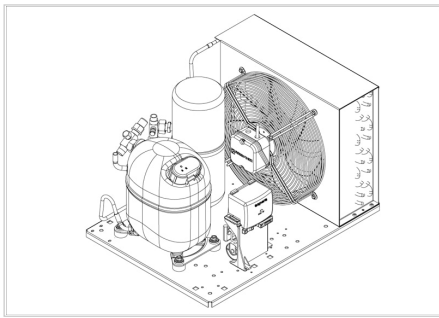




MODEL


**UNJ9232GK**

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APPROVALS




 **ENGINEERING CODE**  
643NA5604AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1766 W

 **EFFICIENCY**  
1.42 W/W

DATA

## General Data

Weight	46.1 Kg
Receiver	3.9 L
Height	372 mm
Length	600 mm
Width	440 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	43 A
Max Current	8.12 A

## Spare Parts

Valve Suction	SOLDER 5/8"	2110054
Fan Kit	S4E300-XX	1996589
Compressor	NJ9232GK	943NA19..AC
Condenser	3R14T	2451198
Electrical Kit	ELKOM NJ9232GK	943NA1104A
Valve Discharge	SOLDER 1/2"	2110050

## Noise Data

Sound Power Level	70.87 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.86729775 dB (A)	48.88789767 dB (A)	42.86729775 dB (A)

## Fan Motor

Number	1
Shaft Power	95 W
Air Flow	1450 m <sup>3</sup> /h
Blade diameter	-

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1766 W	1240 W	5.9 A	1.42 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1321	1006	4.95	1.31
-15	1673	1100	5.32	1.52
-10	2070	1209	5.8	1.71
-5	2511	1331	6.35	1.89
0	2998	1467	6.98	2.04
5	3531	1615	7.67	2.19
10	4110	1776	8.41	2.31

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1061	1017	4.97	1.04
-15	1394	1122	5.4	1.24
-10	1766	1240	5.9	1.42
-5	2178	1370	6.47	1.59
0	2629	1511	7.08	1.74
5	3121	1663	7.74	1.88
10	3654	1826	8.41	2

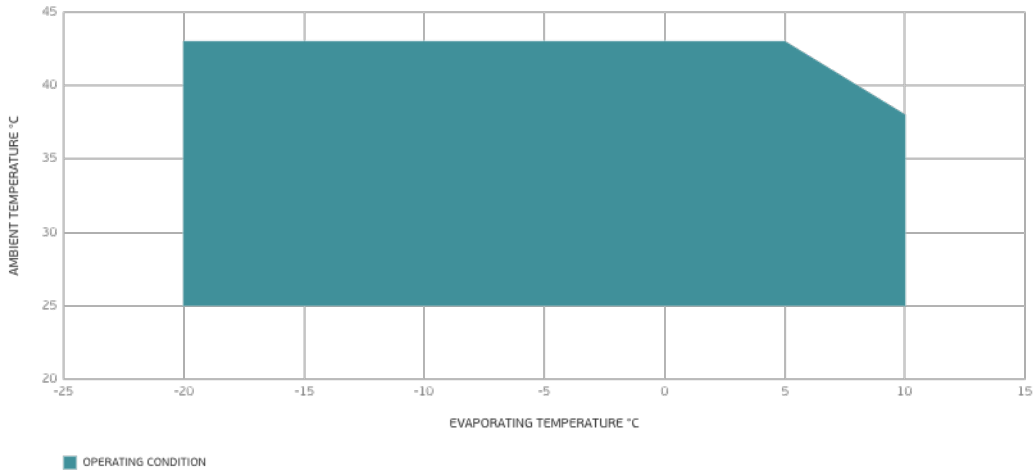
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

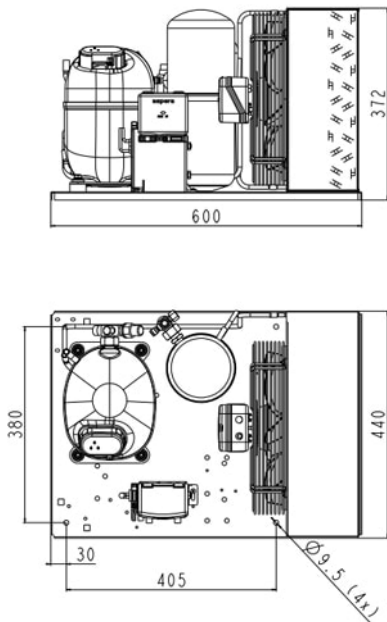
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	818	1018	4.92	0.8
-15	1083	1140	5.49	0.95
-10	1379	1272	6.1	1.08
-5	1706	1414	6.74	1.21
0	2064	1564	7.39	1.32
5	2454	1723	8.05	1.42
10	2877	1889	8.69	1.52

Test Condition: EN13215\_SH10, M/HBP

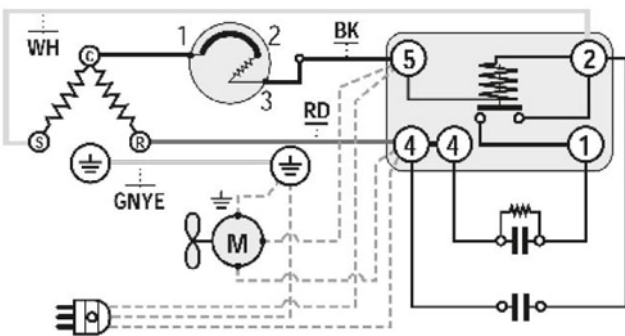
## Operating Envelope



## External Dimensions



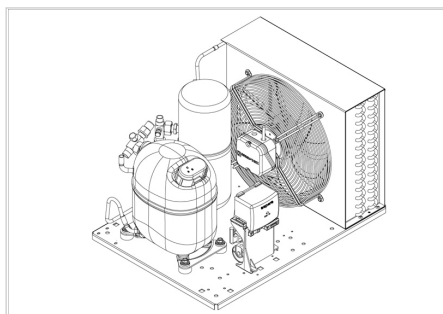
## Wiring Diagram



MODEL

**UNJ9238GK**

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APPROVALS



 **ENGINEERING CODE**

643RV5604AA

 **APPROVED REFRIGERANT**

R452A

 **POWER SUPPLY**

230V 50Hz ~

 **STANDARD CONDITIONS**

EN13215\_SH10

 **APPLICATION**

M/HBP

 **COOLING CAPACITY**

2197 W

 **EFFICIENCY**

1.38 W/W

DATA

## General Data

Weight	46.8 Kg
Receiver	3.9 L
Height	372 mm
Length	600 mm
Width	440 mm
Power Supply	230 V 50 Hz

## Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	43 A
Max Current	10.1 A

## Spare Parts

Valve Suction	SOLDER 5/8"	2110054
Fan Kit	S4E300-XX	1996589
Valve Discharge	SOLDER 1/2"	2110050
Condenser	4R14T	2451199
Compressor	NJ9238GK	943RV19..AC
Electrical Kit	ELKOM NJ9238GK	943RV1904A

## Noise Data

Sound Power Level	71.34 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	63.34080301 dB (A)	49.36140292 dB (A)	43.34080301 dB (A)

## Fan Motor

Number	1
Shaft Power	95 W
Air Flow	1300 m <sup>3</sup> /h
Blade diameter	-

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	2197 W	1595 W	7.58 A	1.38 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1638	1246	6.23	1.31
-15	2128	1379	6.68	1.54
-10	2619	1538	7.31	1.7
-5	3108	1722	8.12	1.8
0	3592	1931	9.07	1.86
5	4068	2165	10.17	1.88
10	4531	2423	11.41	1.87

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1304	1274	6.35	1.02
-15	1741	1423	6.9	1.22
-10	2197	1595	7.58	1.38
-5	2669	1788	8.39	1.49
0	3152	2004	9.31	1.57
5	3643	2241	10.34	1.63
10	4140	2500	11.45	1.66

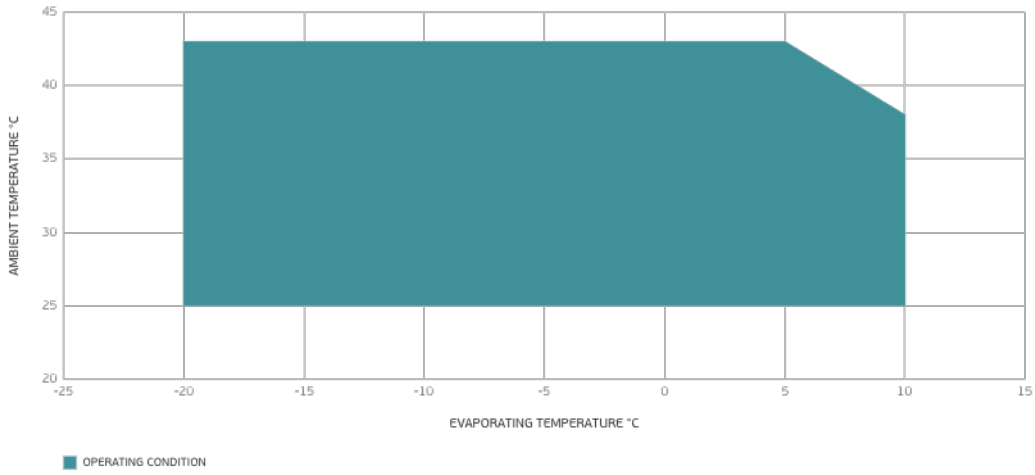
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

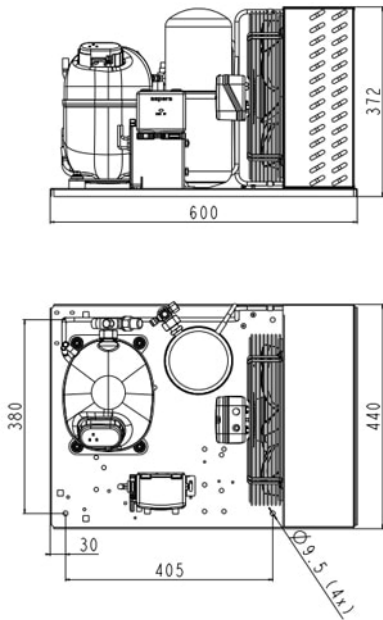
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1098	1273	6.23	0.86
-15	1471	1432	6.94	1.03
-10	1888	1608	7.72	1.17
-5	2347	1801	8.55	1.3
0	2845	2011	9.44	1.41
5	3378	2239	10.36	1.51
10	3943	2483	11.29	1.59

Test Condition: EN13215\_SH10, M/HBP

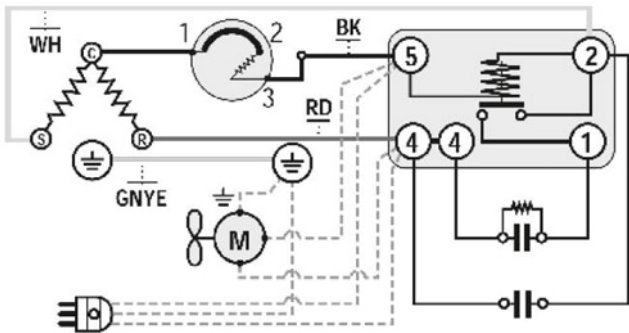
## Operating Envelope



## External Dimensions



## Wiring Diagram

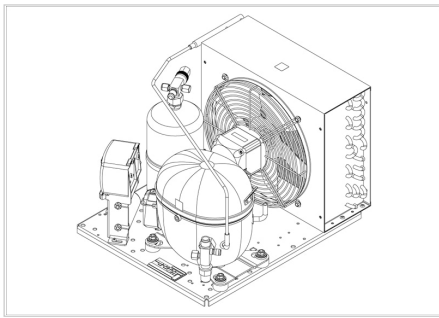




MODEL

**UNT6222GK**

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APPROVALS




 **ENGINEERING CODE**  
602CA5604AA


 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1338 W

 **EFFICIENCY**  
1.49 W/W

DATA

## General Data

Weight	33.2 Kg
Receiver	2.3 L
Height	324 mm
Length	494 mm
Width	395 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	30 A
Max Current	7.73 A

## Spare Parts

Condenser	3R12T	2451140
Valve Suction	SOLDER 1/2"	2110050
Valve Discharge	SOLDER 3/8"	2110049
Electrical Kit	ELKOM NT6222GK	922CA0404A
Compressor	NT6222GK	922CA09..AC
Fan Kit	34W 275/31°/5B	1996583

## Noise Data

Sound Power Level	70.5 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.4976018 dB (A)	48.51820171 dB (A)	42.4976018 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	1338 W	897 W	5 A	1.49 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1018	741	4.14	1.38
-15	1316	801	4.4	1.64
-10	1655	875	4.72	1.89
-5	2034	958	5.08	2.12
0	2453	1049	5.48	2.34
5	2914	1142	5.9	2.55
10	3416	1236	6.33	2.76

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	772	726	4.4	1.06
-15	1033	807	4.68	1.28
-10	1338	897	5	1.49
-5	1685	995	5.36	1.69
0	2076	1096	5.74	1.89
5	2510	1197	6.13	2.1
10	2988	1295	6.53	2.31

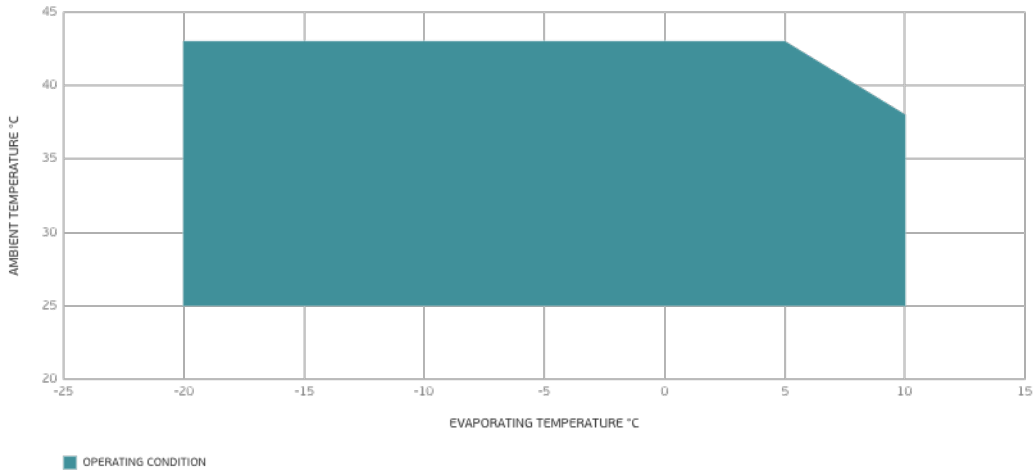
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

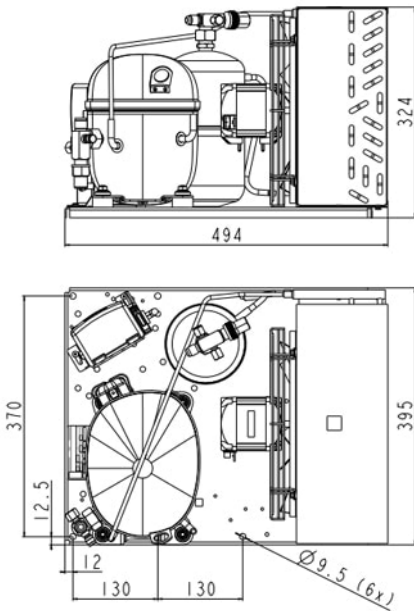
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	641	740	4.27	0.87
-15	810	840	4.67	0.96
-10	1026	945	5.1	1.09
-5	1289	1052	5.55	1.23
0	1600	1158	6.01	1.38
5	1957	1259	6.48	1.55
10	2363	1352	6.93	1.75

Test Condition: EN13215\_SH10, M/HBP

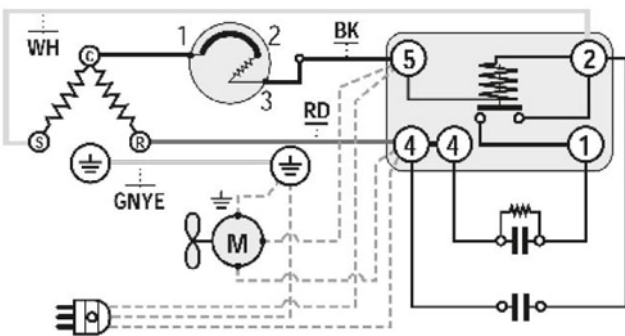
## Operating Envelope



## External Dimensions



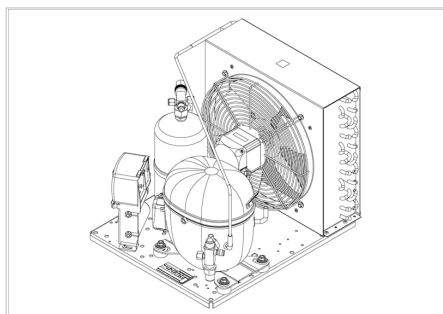
## Wiring Diagram



MODEL

**UNT6226GK**

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APPROVALS



 **ENGINEERING CODE**  
603BA5604AA

 **APPROVED REFRIGERANT**  
R452A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1726 W

 **EFFICIENCY**  
1.57 W/W

DATA

## General Data

Weight	35.7 Kg
Receiver	2.3 L
Height	372 mm
Length	485 mm
Width	405 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	38 A
Max Current	7.27 A

## Spare Parts

Valve Suction	SOLDER 1/2"	2110050
Valve Discharge	SOLDER 3/8"	2110049
Condenser	3R14T	2451221
Compressor	NT6226GK	923BA08..AC
Electrical Kit	ELKOM NT6226GK	923BA0204A
Fan Kit	34W 300/28°/5B	1996585

## Noise Data

Sound Power Level	69.63 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	61.62824133 dB (A)	47.64884125 dB (A)	41.62824133 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	700 m³/h
Blade diameter	300 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Efficiency
32.00°C	1726 W	1097 W	1.57 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Efficiency W/W
-20	1360	893	1.52
-15	1739	963	1.81
-10	2175	1054	2.06
-5	2664	1163	2.29
0	3202	1284	2.49
5	3786	1416	2.67
10	4410	1553	2.84

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Efficiency W/W
-20	1006	880	1.14
-15	1336	980	1.36
-10	1726	1097	1.57
-5	2172	1226	1.77
0	2671	1364	1.96
5	3217	1508	2.13
10	3808	1654	2.3

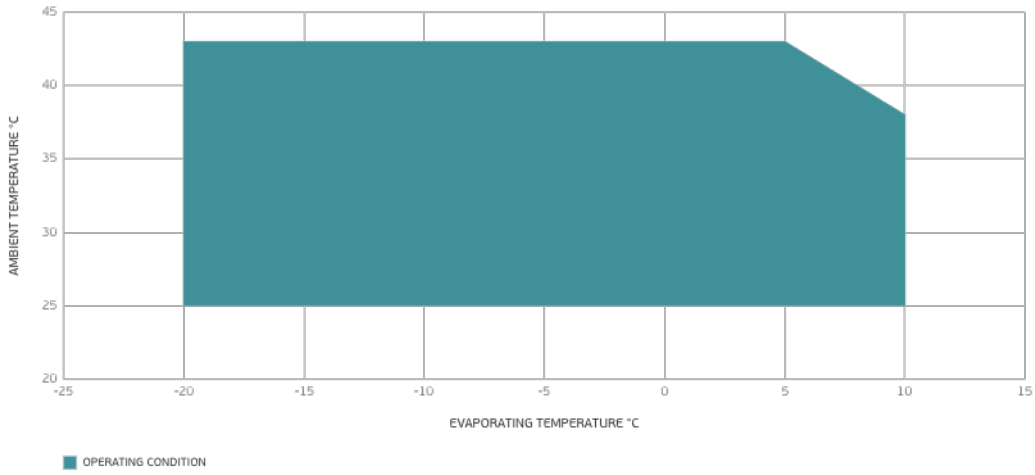
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

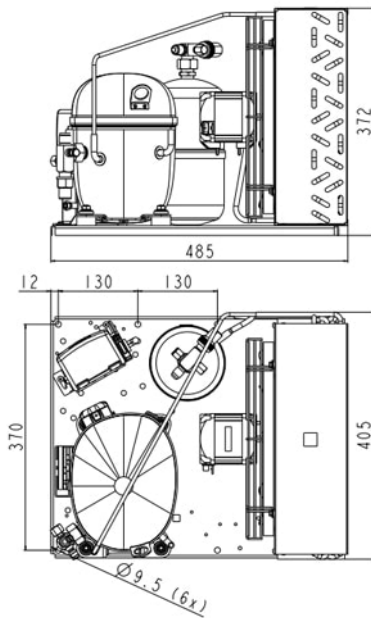
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Efficiency W/W
-20	857	914	0.94
-15	1057	1042	1.01
-10	1321	1181	1.12
-5	1645	1326	1.24
0	2027	1472	1.38
5	2461	1617	1.52
10	2944	1758	1.67

Test Condition: EN13215\_SH10, M/HBP

## Operating Envelope



## External Dimensions



## Wiring Diagram

