



**APPROVALS**




 **ENGINEERING CODE**  
505DA5204AA

 **APPROVED REFRIGERANT**  
R404A

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
LBP

 **COOLING CAPACITY**  
1432 W

 **EFFICIENCY**  
1.4 W/W

DATA

### General Data

<b>Weight</b>	34.6 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	324 mm
<b>Length</b>	494 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>	33 A
<b>Max Current</b>	5.75 A

## Spare Parts

Compressor	NT2212GK	925DA08..AC
Condenser	3R12T	2451140
Fan Kit	34W 275/31/5B	1996583
Electrical Kit	ELKOM NT2212GK	925DA0204A
Valve Discharge	FLARE 3/8"	2110056
Valve Suction	FLARE 1/2"	2110057

## Noise Data

Sound Power Level	70.3 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.3 dB (A)	48.3 dB (A)	42.3 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	800 m <sup>3</sup> /h
Blade diameter	275 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1432 W	1025 W	5.37 A	1.4 W/W

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °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	772	630	3.81	1.23
-30	1196	843	4.53	1.42
-25	1469	956	5.03	1.54
-23	1569	996	5.21	1.58
-20	1772	1079	5.6	1.64
-15	2097	1217	6.22	1.72
-10	2435	1374	6.9	1.77

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 25.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	694	654	3.93	1.06
-30	1088	868	4.67	1.25
-25	1340	984	5.18	1.36
-23	1432	1025	5.37	1.4
-20	1617	1111	5.76	1.46
-15	1909	1254	6.41	1.52
-10	2211	1418	7.11	1.56

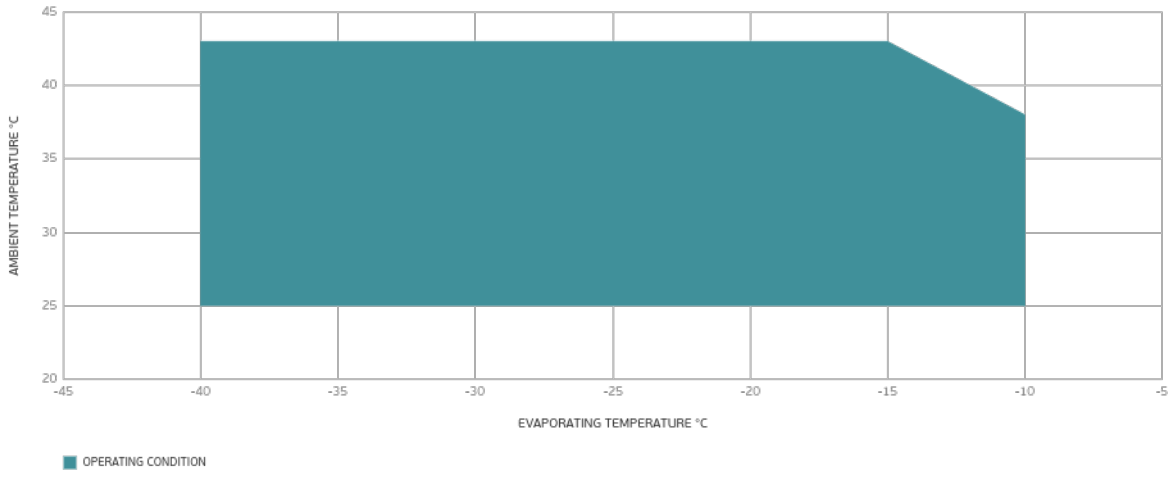
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

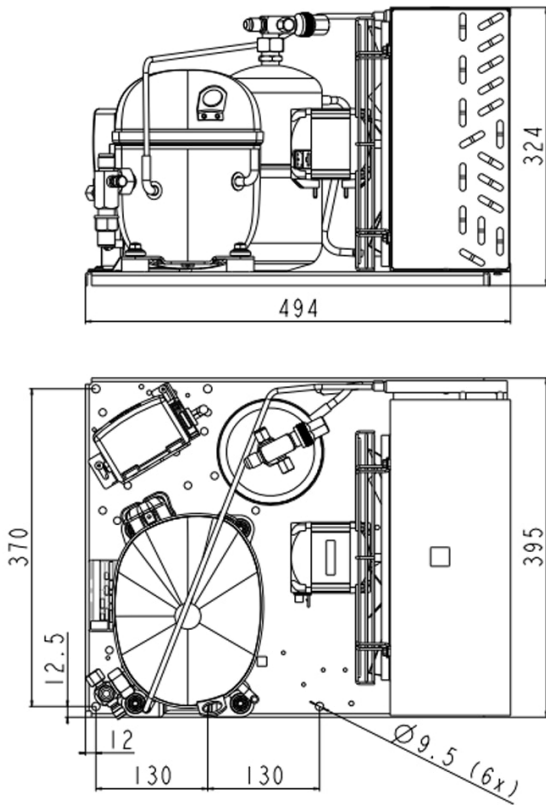
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	539	659	3.97	0.82
-30	899	891	4.75	1.01
-25	1121	1019	5.3	1.1
-23	1200	1066	5.5	1.13
-20	1360	1161	5.92	1.17
-15	1608	1321	6.62	1.22
-10	1856	1505	7.38	1.23

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

## Operating Envelope



## External Dimensions



## Wiring Diagram

