

**APPROVALS**



**ENGINEERING CODE**  
503KA5204AA

**APPROVED REFRIGERANT**  
R404A

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

**STANDARD CONDITIONS**  
ASHRAE

**APPLICATION**  
LBP

**COOLING CAPACITY**  
1273 W

**EFFICIENCY**  
1.3 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>	7.18 A

**Spare Parts**

<b>Condenser</b>	3R12T	2451140
<b>Fan Kit</b>	34W 275/31/5B	1996583
<b>Valve Discharge</b>	FLARE 3/8"	2110056
<b>Valve Suction</b>	FLARE 1/2"	2110057
<b>Compressor</b>	NT2210GK	923KA08..AC
<b>Electrical Kit</b>	ELKOM NT2210GK	923KA0204A

## Noise Data

<b>Sound Power Level</b>	70 dB (A)	-	-
<b>Sound Pressure Level</b>	<b>at 1 m</b>	<b>at 5 m</b>	<b>at 10 m</b>
	62 dB (A)	48 dB (A)	42 dB (A)

## Fan Motor

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

### PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1273 W	981 W	5.1 A	1.3 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	844	615	3.6	1.37
-30	999	809	4.37	1.23
-25	1266	912	4.78	1.39
-23	1369	950	4.94	1.44
-20	1571	1030	5.28	1.53
-15	1846	1172	5.89	1.58
-10	2023	1346	6.66	1.5

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	725	632	3.71	1.15
-30	915	835	4.5	1.1
-25	1176	942	4.93	1.25
-23	1273	981	5.1	1.3
-20	1459	1064	5.44	1.37
-15	1696	1209	6.07	1.4
-10	1820	1387	6.86	1.31

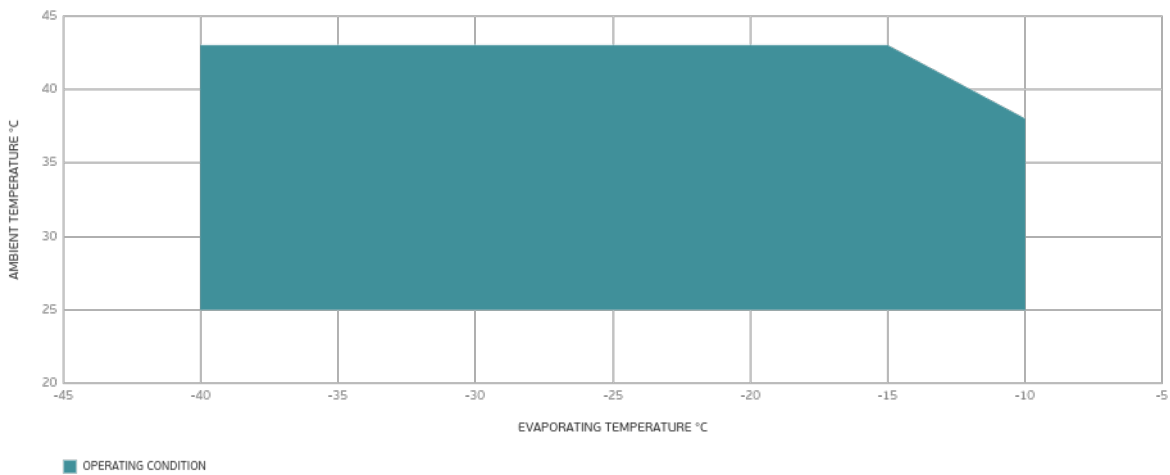
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

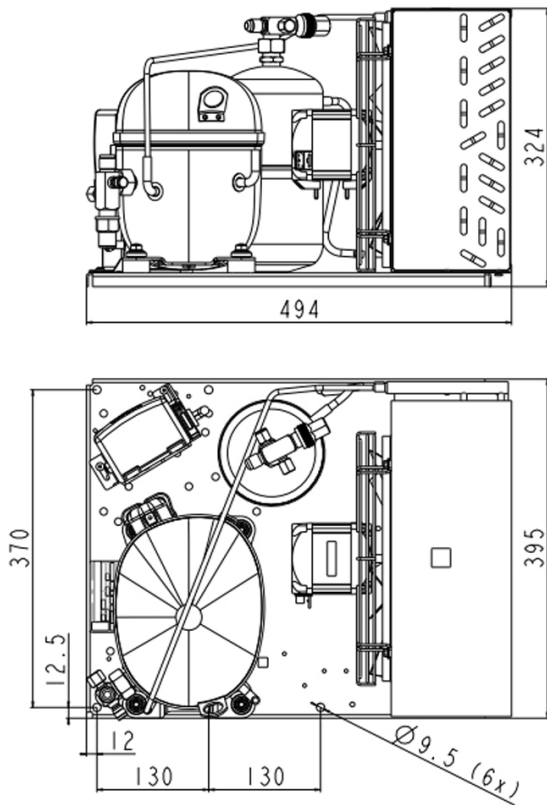
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	660	651	3.78	1.01
-30	796	868	4.63	0.92
-25	994	981	5.09	1.01
-23	1063	1022	5.26	1.04
-20	1188	1109	5.63	1.07
-15	1312	1260	6.29	1.04
-10	1299	1443	7.1	0.9

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

