


**APPROVALS**




 **ENGINEERING CODE**  
602CN5204AA


 **APPROVED REFRIGERANT**  
R134a

 **POWER SUPPLY**  
200 - 240V 50Hz ~

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
HBP

 **COOLING CAPACITY**  
2307 W

 **EFFICIENCY**  
2.71 W/W

DATA

### General Data

<b>Weight</b>	33.5 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>	200 - 240 V 50 Hz / 230 V 60 Hz

### Electrical Data

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	28 A
<b>Max Current</b>	5.99 A

## Spare Parts

Condenser	3R12T	2451140
Fan Kit	34W 275/31/5B	1996583
Valve Discharge	FLARE 3/8"	2110056
Valve Suction	FLARE 1/2"	2110057
Compressor	NT6220Z	212CN09..AC
Electrical Kit	ELKOM NT6220Z	212CN0604A

## Noise Data

Sound Power Level	70 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62 dB (A)	52.4 dB (A)	42 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	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	2307 W	853 W	4.14 A	2.71 W/W

Test Condition ASHRAE: Evaporating temp. 7.20°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
-15	1060	560	2.92	1.89
-5	1647	671	3.36	2.46
0	1997	726	3.59	2.75
5	2369	792	3.87	2.99
7	2537	827	4.02	3.07
10	2753	878	4.23	3.14

Test Condition ASHRAE: Evaporating temp. 7.20°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
-15	965	579	3.01	1.67
-5	1495	690	3.46	2.17
0	1814	747	3.69	2.43
5	2154	816	3.99	2.64
7	2307	853	4.14	2.71
10	2503	906	4.37	2.76

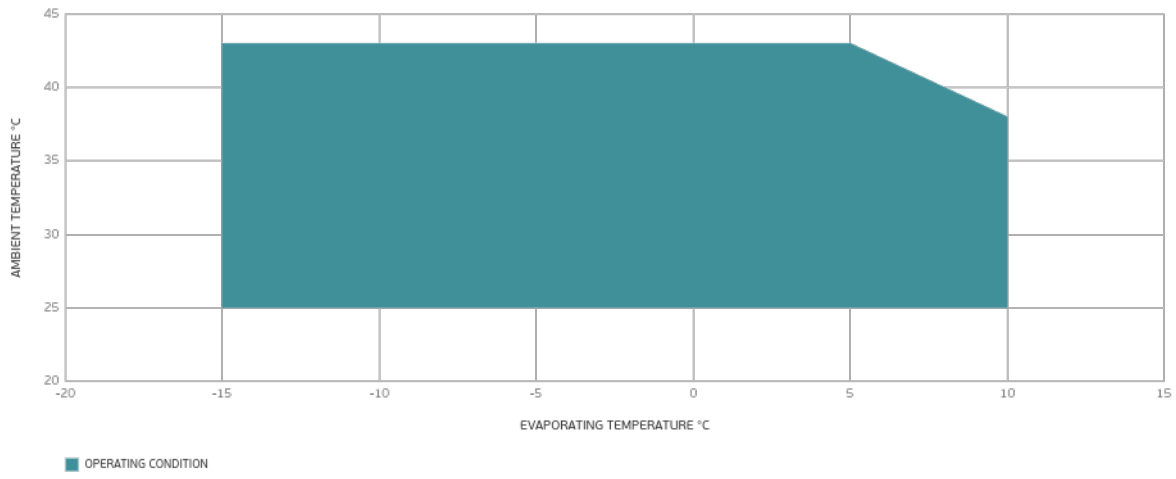
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

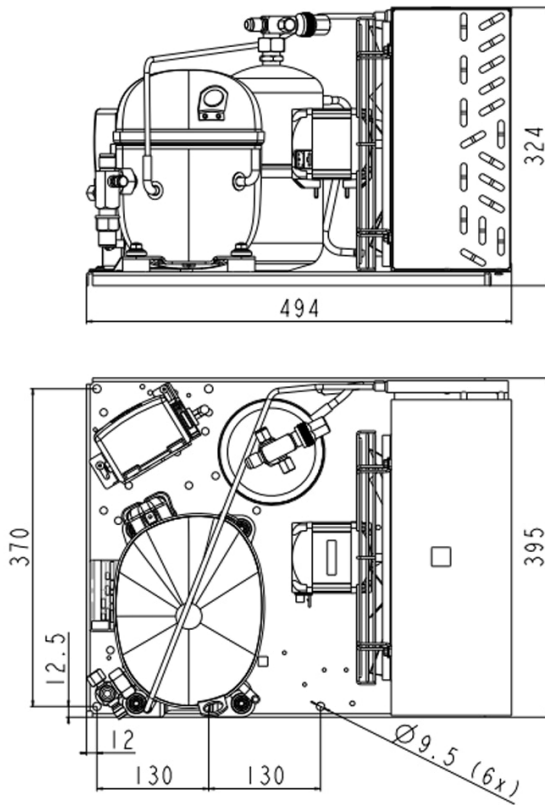
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	772	590	3.05	1.31
-5	1252	719	3.58	1.74
0	1542	787	3.87	1.96
5	1850	868	4.22	2.13
7	1989	910	4.4	2.19
10	2166	971	4.66	2.23

Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

## Operating Envelope



## External Dimensions



## Wiring Diagram

