



**APPROVALS**




 **ENGINEERING CODE**  
642HA5204AA

 **APPROVED REFRIGERANT**  
R134a

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
2890 W

 **EFFICIENCY**  
2.13 W/W

DATA

### General Data

<b>Weight</b>	37.5 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	324 mm
<b>Length</b>	481 mm
<b>Width</b>	410 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

### Electrical Data

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	31 A
<b>Max Current</b>	6.75 A

## Spare Parts

Condenser	3R12T	2451140
Fan Kit	34W 275/31/5B	1996583
Compressor	NJ6226Z	142HA15..AC
Electrical Kit	ELKOM NJ6226	142HA1504A
Valve Suction	FLARE 5/8"	2110058
Valve Discharge	FLARE 3/8"	2110056

## Noise Data

Sound Power Level	70.6 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.6 dB (A)	48.6 dB (A)	42.6 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	2890 W	1360 W	6.72 A	2.13 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	1420	773	4.26	1.84
-5	2181	983	5.09	2.22
0	2581	1110	5.63	2.33
5	2994	1252	6.23	2.39
7	3179	1319	6.52	2.41
10	3417	1409	6.91	2.43

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	1294	796	4.39	1.63
-5	1978	1014	5.25	1.95
0	2342	1145	5.8	2.05
5	2719	1291	6.42	2.11
7	2890	1360	6.72	2.13
10	3110	1452	7.12	2.14

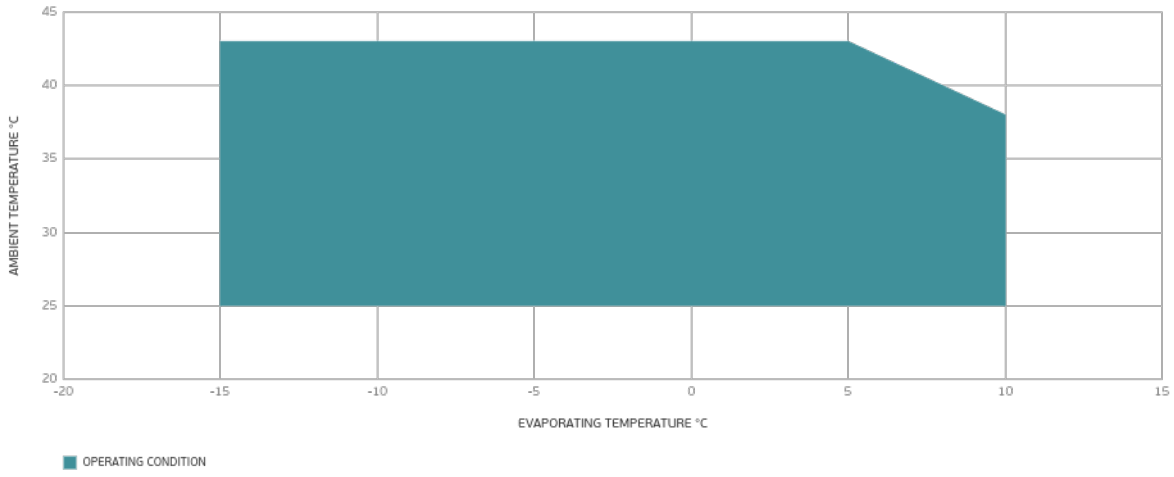
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

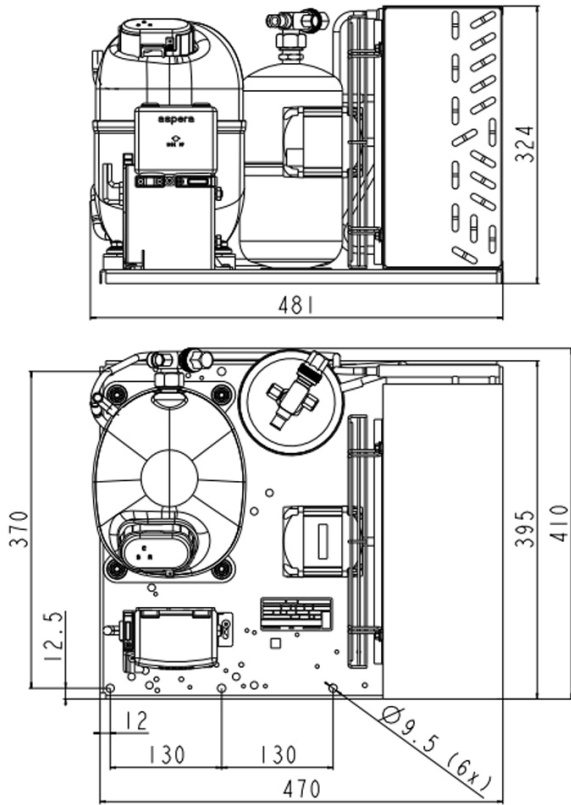
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1092	828	4.49	1.32
-5	1689	1080	5.51	1.56
0	2014	1228	6.14	1.64
5	2356	1391	6.85	1.69
7	2511	1467	7.19	1.71
10	2713	1569	7.65	1.73

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

