

**APPROVALS**



**ENGINEERING CODE**  
644LV5304AA

**APPROVED REFRIGERANT**  
R449A

**POWER SUPPLY**  
230V 50Hz ~

**STANDARD CONDITIONS**  
EN13215\_SH10

**APPLICATION**  
M/HBP

**COOLING CAPACITY**  
1402 W

**EFFICIENCY**  
1.5 W/W

DATA

**General Data**

<b>Weight</b>	35.4 Kg
<b>Height</b>	372 mm
<b>Length</b>	482 mm
<b>Width</b>	405 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**

<b>Condenser</b>	3R14T	2451221
<b>Fan Kit</b>	34W 300/28/5B	1996585
<b>Compressor</b>	NJ9226GK	944LV11..AC
<b>Electrical Kit</b>	ELKOM NJ9226GK	944LV1104A

## Noise Data

Sound Power Level	70.4 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.4 dB (A)	48.4 dB (A)	42.4 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	1402 W	933 W	4.39 A	1.5 W/W

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	955	723	3.51	1.32
-15	1251	807	3.83	1.55
-10	1589	899	4.21	1.77
-5	1971	1001	4.63	1.97
0	2397	1114	5.12	2.15
5	2867	1237	5.68	2.32
10	3380	1371	6.31	2.47

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	808	755	3.66	1.07
-15	1083	838	4	1.29
-10	1402	933	4.39	1.5
-5	1767	1040	4.84	1.7
0	2176	1158	5.36	1.88
5	2632	1289	5.95	2.04
10	3133	1433	6.62	2.19

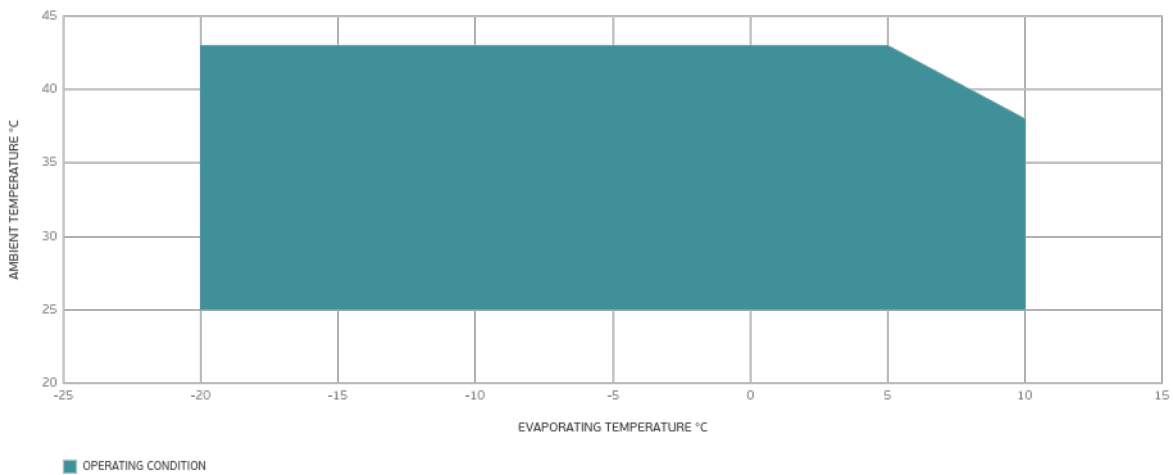
Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	692	775	3.75	0.89
-15	950	864	4.13	1.1
-10	1256	967	4.57	1.3
-5	1610	1084	5.07	1.49
0	2011	1216	5.65	1.65
5	2461	1365	6.3	1.8
10	2959	1529	7.04	1.93

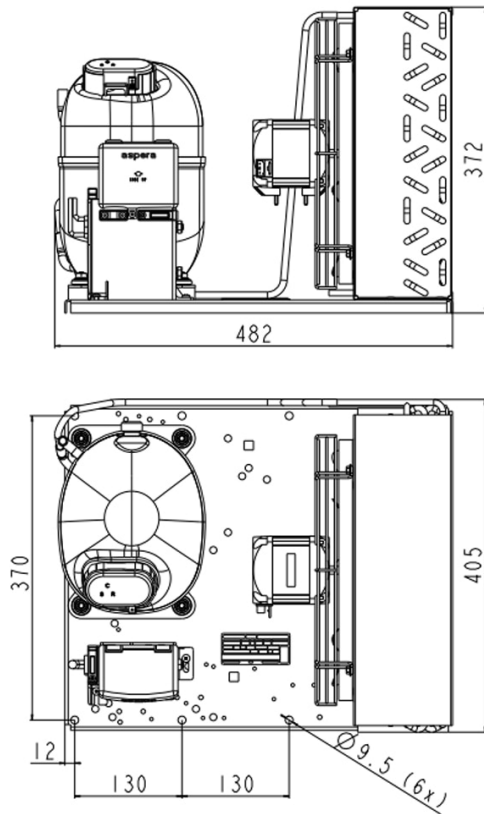
Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Operating Envelope



■ OPERATING CONDITION

## External Dimensions



## Wiring Diagram

