



APPROVALS



 **ENGINEERING CODE**
642HA5204AA

 **APPROVED REFRIGERANT**
R134a

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

 **STANDARD CONDITIONS**
EN13215_RG20

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1536 W

 **EFFICIENCY**
1.69 W/W

DATA

General Data

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

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	31 A
Max Current	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 ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1536 W	907 W	4.83 A	1.69 W/W

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °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	1339	781	4.3	1.72
-10	1691	879	4.68	1.92
-5	2057	992	5.15	2.07
0	2435	1121	5.68	2.17
5	2824	1264	6.29	2.23
10	3223	1423	6.98	2.27

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1221	804	4.43	1.52
-10	1536	907	4.83	1.69
-5	1865	1024	5.3	1.82
0	2209	1156	5.86	1.91
5	2565	1304	6.49	1.97
10	2933	1467	7.19	2

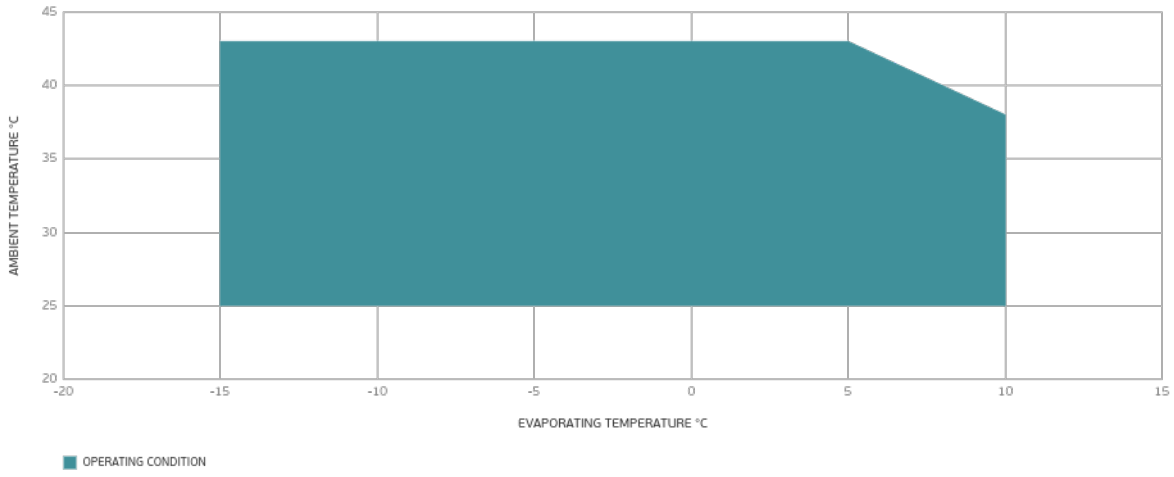
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

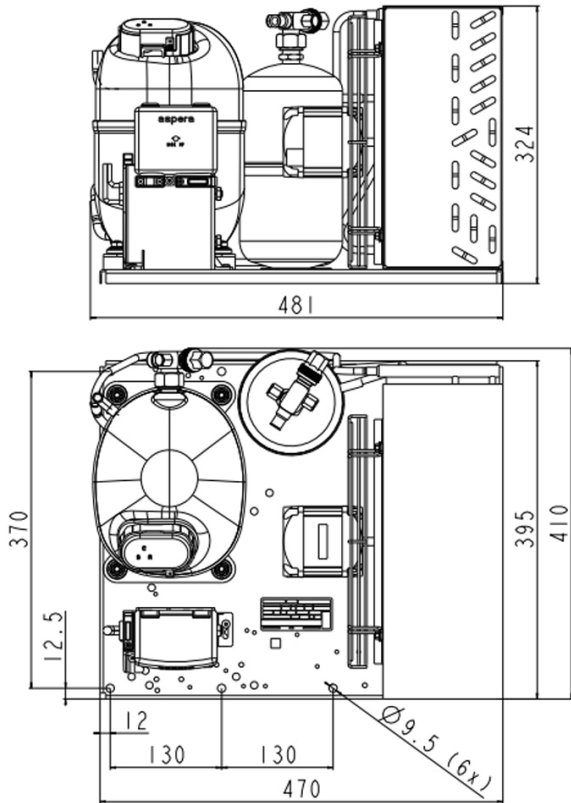
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1030	836	4.53	1.23
-10	1303	956	5	1.36
-5	1593	1091	5.56	1.46
0	1900	1240	6.2	1.53
5	2222	1405	6.92	1.58
10	2559	1585	7.72	1.61

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



External Dimensions



Wiring Diagram

