



APPROVALS




 **ENGINEERING CODE**
642HA5604AA

 **APPROVED REFRIGERANT**
R513A

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1536 W

 **EFFICIENCY**
1.59 W/W

DATA

General Data

Weight	37 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
Valve Discharge	SOLDER 3/8"	2110049
Compressor	NJ6226Z	142HA15..AC
Electrical Kit	ELKOM NJ6226	142HA1504A
Valve Suction	SOLDER 5/8"	2110054
Fan Kit	34W 275/31°/5B	1996583

Noise Data

Sound Power Level	70.59 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.59403777 dB (A)	48.61463768 dB (A)	42.59403777 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m³/h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1536 W	963 W	5.13 A	1.59 W/W

Test Condition: EN13215_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -10.00°C, Condensing 0 °C, Ambient 32.00°C

Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1367	832	4.58	1.64
-10	1715	935	4.98	1.83
-5	2074	1056	5.47	1.96
0	2446	1193	6.05	2.05
5	2832	1343	6.69	2.11
10	3233	1507	7.39	2.14

Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1226	856	4.72	1.43
-10	1536	963	5.13	1.59
-5	1860	1088	5.64	1.71
0	2198	1229	6.22	1.79
5	2551	1383	6.88	1.85
10	2922	1549	7.6	1.89

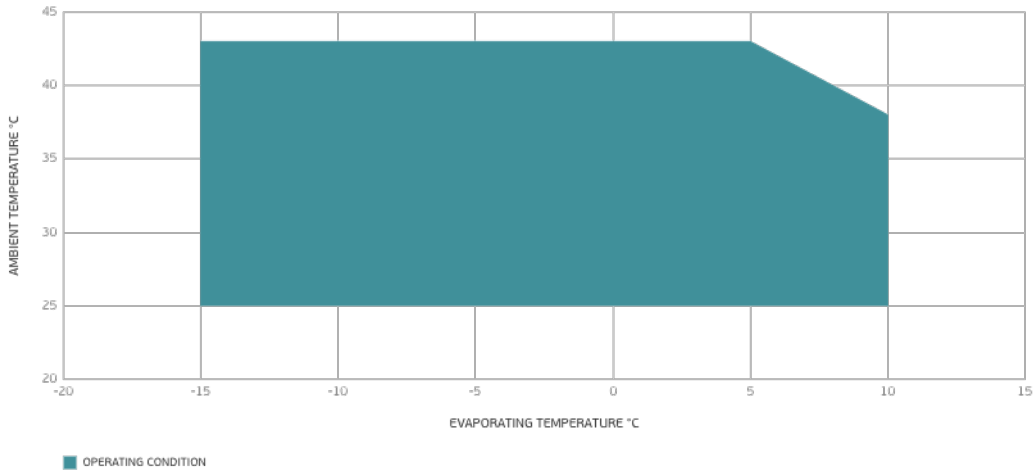
Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 43°C

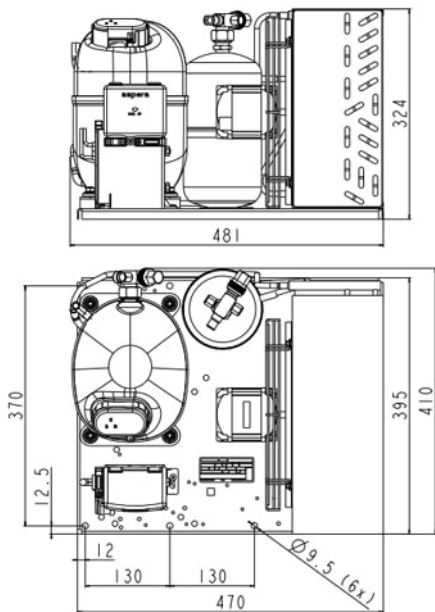
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	1015	889	4.82	1.14
-10	1279	1015	5.32	1.26
-5	1560	1159	5.91	1.35
0	1857	1317	6.58	1.41
5	2173	1488	7.33	1.46
10	2508	1671	8.14	1.5

Test Condition: EN13215_SH10, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

