



APPROVALS



 **ENGINEERING CODE**
642HA5604AA

 **APPROVED REFRIGERANT**
R134a

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1476 W

 **EFFICIENCY**
1.62 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 m ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1476 W	909 W	4.84 A	1.62 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	1289	784	4.32	1.64
-10	1638	882	4.7	1.86
-5	2004	996	5.16	2.01
0	2389	1125	5.7	2.13
5	2795	1267	6.31	2.21
10	3223	1423	6.98	2.27

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	1164	806	4.44	1.44
-10	1476	909	4.84	1.62
-5	1807	1027	5.32	1.76
0	2159	1160	5.87	1.86
5	2534	1307	6.5	1.94
10	2933	1467	7.19	2

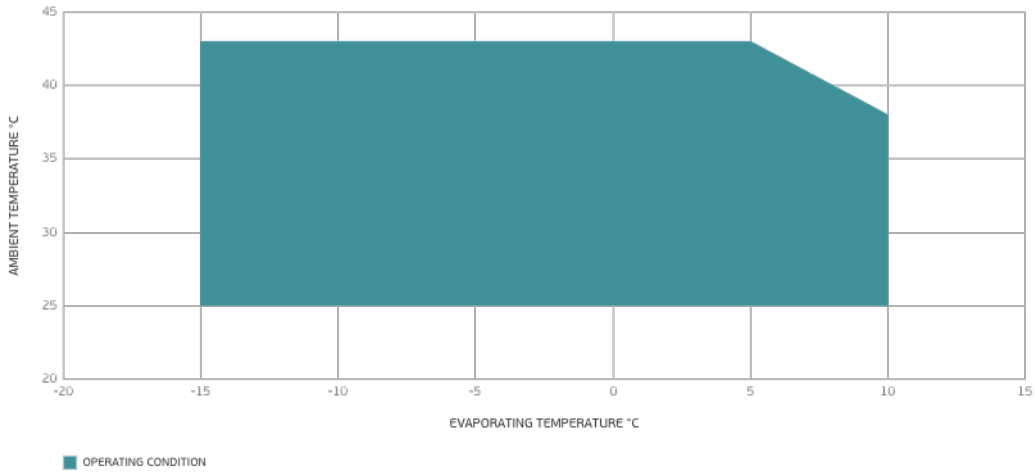
Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 43°C

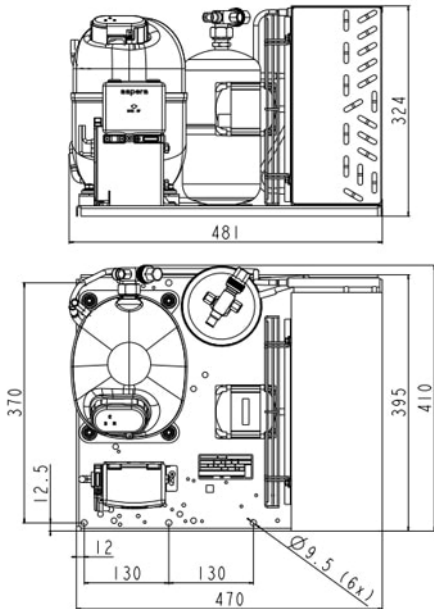
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	966	836	4.53	1.15
-10	1235	957	5.01	1.29
-5	1527	1093	5.57	1.4
0	1844	1243	6.22	1.48
5	2186	1407	6.93	1.55
10	2556	1584	7.72	1.61

Test Condition: EN13215_SH10, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

