


APPROVALS



 **ENGINEERING CODE**
668GA9012AA

 **APPROVED REFRIGERANT**
R134a

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1406 W

 **EFFICIENCY**
2.17 W/W

DATA

General Data

Weight	20.5 Kg
Height	296 mm
Length	465 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	20 A
Max Current	4.32 A

Spare Parts

Condenser	3R11T	2451206
Fan Kit	16W 254/28/5B	1996579
Compressor	NEU6212Z	268GA51..AN
Electrical Kit	ELKOM NEU6212Z	268GA51M1A

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	660 m ³ /h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	1406 W	647 W	4.07 A	2.17 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	678	403	3.41	1.68
-5	1023	486	3.59	2.1
0	1231	535	3.69	2.3
5	1461	590	3.8	2.48
7	1569	615	3.86	2.55
10	1712	649	3.94	2.64

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	620	415	3.39	1.49
-5	924	507	3.65	1.82
0	1108	560	3.8	1.98
5	1311	620	3.98	2.12
7	1406	647	4.07	2.17
10	1532	684	4.19	2.24

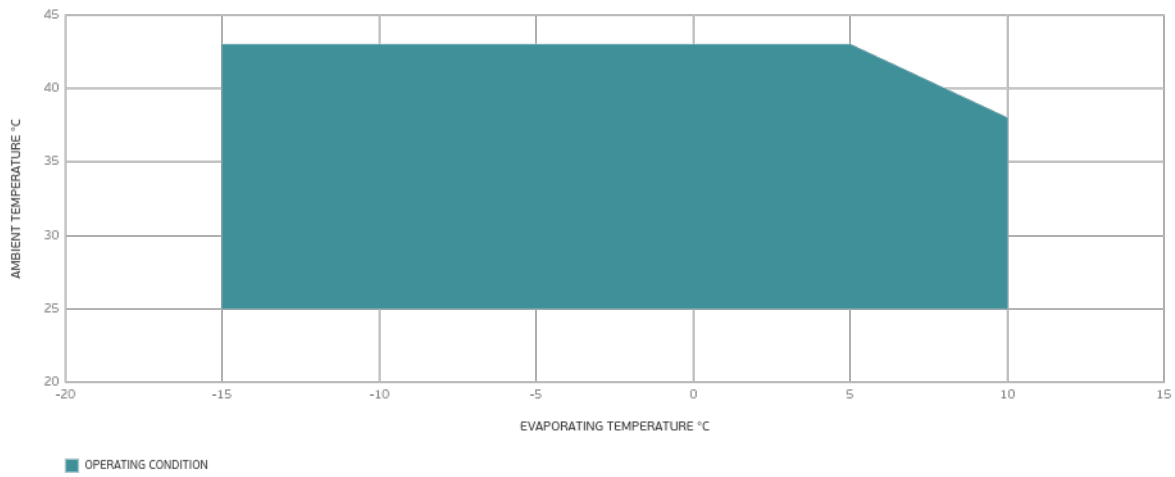
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

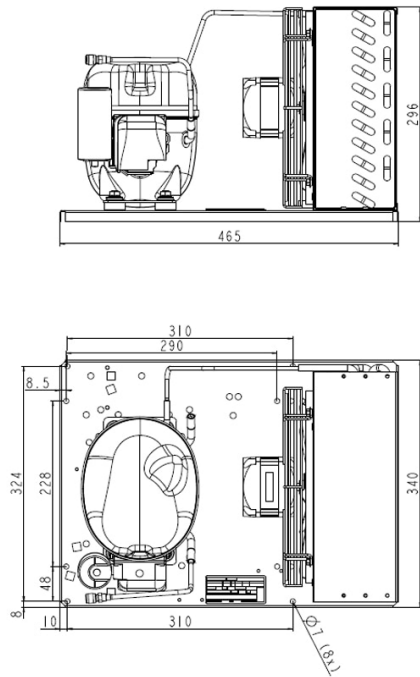
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	511	435	3.42	1.18
-5	783	537	3.7	1.46
0	943	597	3.89	1.58
5	1118	663	4.12	1.69
7	1200	694	4.24	1.73
10	1307	734	4.4	1.78

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

