

APPROVALS



ENGINEERING CODE
669IN9012AA

APPROVED REFRIGERANT
R134a

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
ASHRAE

APPLICATION
M/HBP

COOLING CAPACITY
1085 W

EFFICIENCY
2.63 W/W

DATA

General Data

Weight	19.72 Kg
Height	296 mm
Length	465 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz / 230 V 60 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	13 A
Max Current	2.86 A

Spare Parts

Condenser	3R11T	2451206
Fan Kit	16W 254/28/5L	1996579
Compressor	NEU6187Z	267JN51..AN
Electrical Kit	ELKOM NEU6187Z	267JN51M1AJ

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	320 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	1085 W	412 W	2.55 A	2.63 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	503	258	1.92	1.95
-5	763	313	2.12	2.44
0	918	345	2.26	2.66
5	1088	379	2.41	2.87
7	1168	395	2.48	2.96
10	1275	416	2.58	3.07

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	471	265	1.95	1.78
-5	710	325	2.18	2.18
0	853	359	2.32	2.38
5	1011	395	2.48	2.56
7	1085	412	2.55	2.63
10	1184	434	2.65	2.73

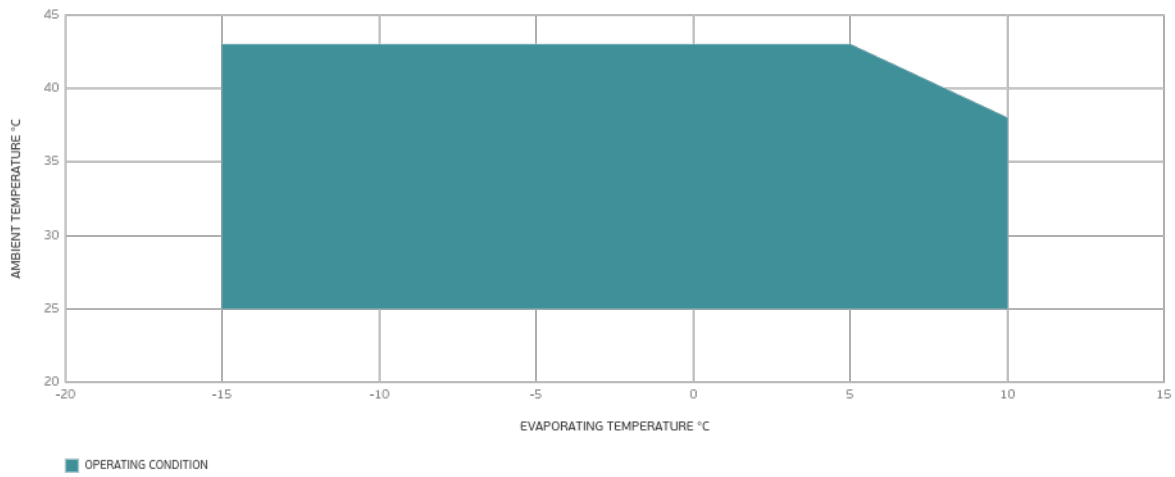
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

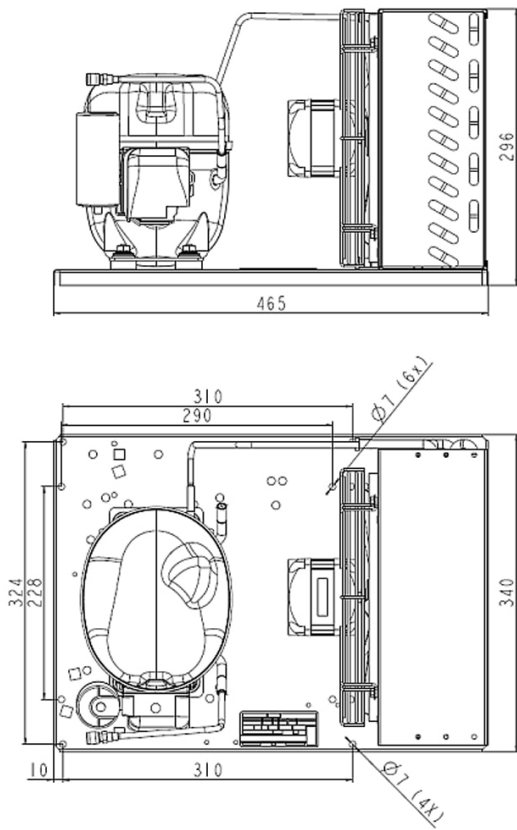
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	365	276	1.97	1.32
-5	584	349	2.27	1.67
0	715	389	2.44	1.84
5	861	432	2.63	1.99
7	930	451	2.72	2.06
10	1021	476	2.84	2.14

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

