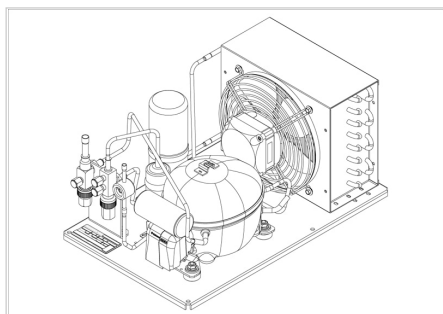




APPROVALS



 ENGINEERING CODE

594PAL612AA

 APPROVED REFRIGERANT

R134a

 POWER SUPPLY

220 - 240V 50Hz ~

 STANDARD CONDITIONS

EN13215_RG20

 APPLICATION

M/HBP

 COOLING CAPACITY

291 W

 EFFICIENCY

1.64 W/W

DATA

General Data

Weight	16.6 Kg
Receiver	0.6 L
Height	226 mm
Length	480 mm
Width	302 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	RSIR
Locked Rotor Amperage (LRA)	8.5 A
Max Current	1.68 A

Spare Parts

Valve Suction	SOLDER 3/8"	2110060
Valve Discharge	SOLDER 1/4"	2110086
Dryer	FILTER DRYER 6MM ODF	2730006
Sight Glass	SIGHT GLASS 6MM ODF	2464031
Condenser	3R8T	2451204
Fan Kit	10W 200/28/5B	1996581
Compressor	EMT6144Z	194PA67..AR
Electrical Kit	ELCOM EMT6144Z	194PA6764A

Noise Data

Sound Power Level	59.2 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	51.2 dB (A)	37.2 dB (A)	31.2 dB (A)

Fan Motor

Number	1
Shaft Power	10 W
Air Flow	300 m³/h
Blade diameter	200 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	291 W	178 W	1.32 A	1.64 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	258	159	1.24	1.63
-10	319	173	1.28	1.85
-5	388	188	1.32	2.07
0	466	204	1.37	2.28
5	553	222	1.43	2.49
10	649	241	1.49	2.69

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	233	164	1.28	1.42
-10	291	178	1.32	1.64
-5	355	193	1.36	1.84
0	426	210	1.41	2.03
5	503	229	1.47	2.2
10	588	249	1.54	2.36

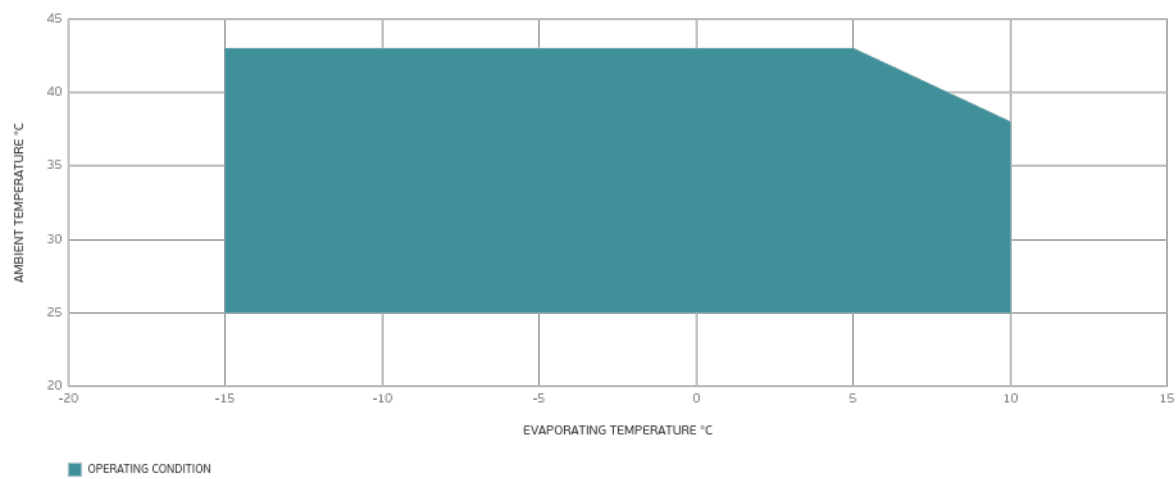
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

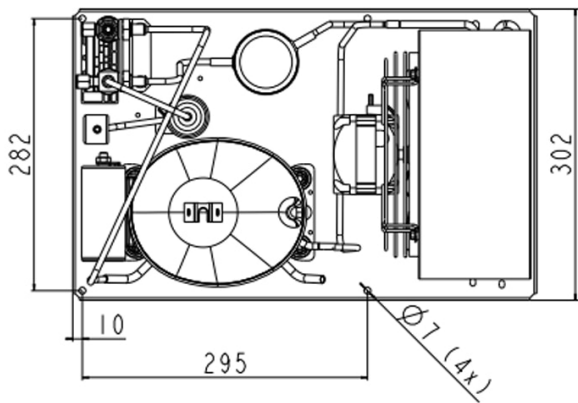
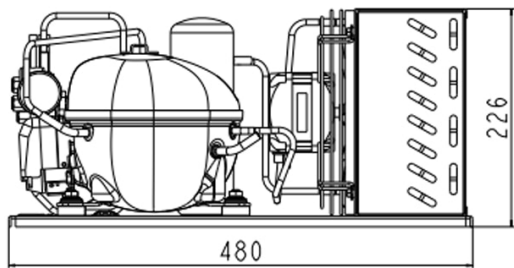
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	193	173	1.3	1.11
-10	255	187	1.34	1.36
-5	320	203	1.39	1.57
0	388	222	1.44	1.75
5	461	242	1.51	1.9
10	538	265	1.58	2.03

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

