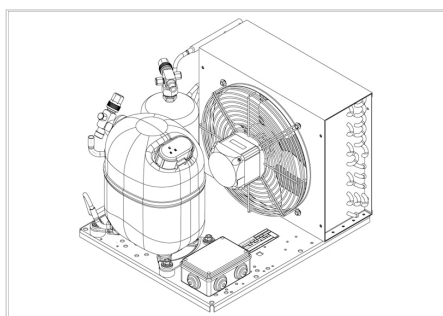




APPROVALS



ENGINEERING CODE

647AM5603AA

APPROVED REFRIGERANT

R404A

POWER SUPPLY

380 - 420V 50Hz ~

STANDARD CONDITIONS

EN13215_RG20

APPLICATION

LBP

COOLING CAPACITY

909 W

EFFICIENCY

1.18 W/W

DATA

General Data

Weight	38.2 Kg
Receiver	2.3 L
Height	324 mm
Length	481 mm
Width	410 mm
Power Supply	380 - 420 V 50 Hz

Electrical Data

Motor Type	3PH
Locked Rotor Amperage (LRA)	13 A
Max Current	2.38 A

Spare Parts

Condenser	3R12T	2451140
Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 5/8"	2110054
Compressor	NJ2212GS	947AM19..AC
Fan Kit	34W/400V 275/31	1996582

Noise Data

Sound Power Level	71.5 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	63.5 dB (A)	49.6 dB (A)	43.5 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	800 m³/h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	909 W	771 W	1.98 A	1.18 W/W

Test Condition EN13215_RG20: Evaporating temp. -35.00°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
-40	719	606	1.81	1.19
-35	990	747	1.92	1.32
-30	1266	898	2.07	1.41
-25	1546	1059	2.25	1.46
-20	1826	1231	2.46	1.48
-15	2104	1411	2.71	1.49
-10	2378	1602	2.99	1.48

Test Condition EN13215_RG20: Evaporating temp. -35.00°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
-40	683	627	1.86	1.09
-35	909	771	1.98	1.18
-30	1146	926	2.13	1.24
-25	1393	1091	2.32	1.28
-20	1648	1268	2.54	1.3
-15	1908	1455	2.79	1.31
-10	2170	1652	3.08	1.31

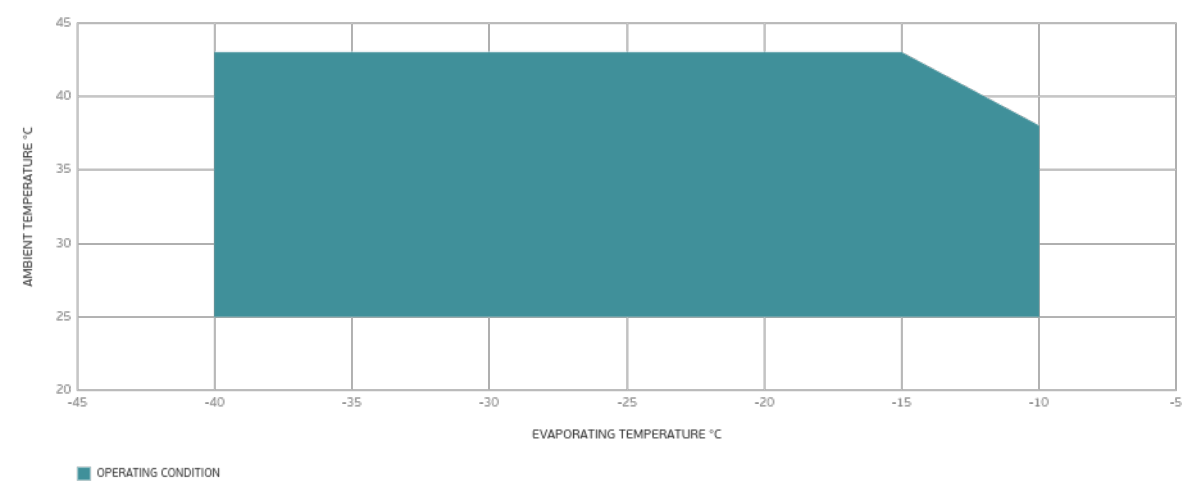
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

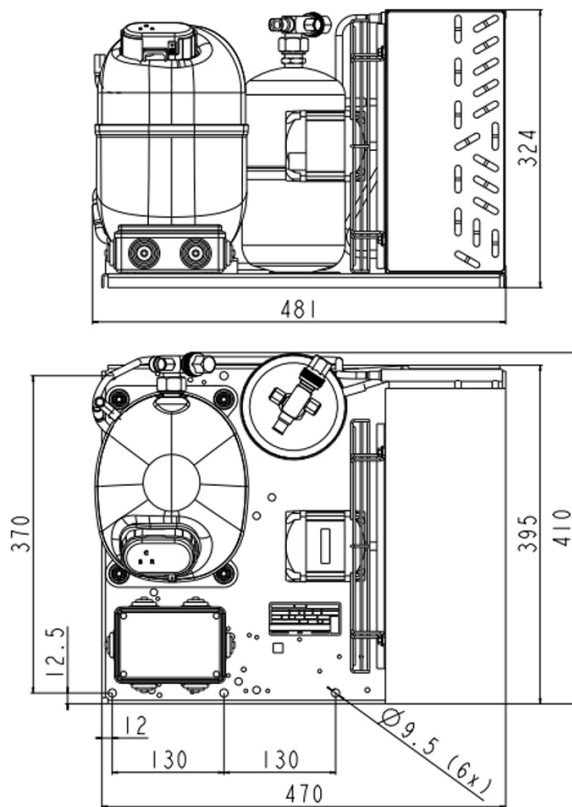
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	465	580	1.8	0.8
-35	646	733	1.94	0.88
-30	850	899	2.11	0.95
-25	1074	1077	2.31	1
-20	1317	1267	2.55	1.04
-15	1575	1468	2.82	1.07
-10	1846	1682	3.12	1.1

Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



External Dimensions



Wiring Diagram

