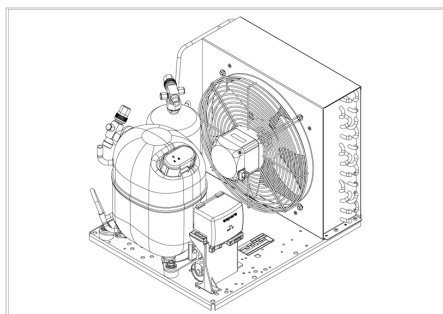




ENGINEERING CODE

644LV5604AA

APPROVED REFRIGERANT

R452A

POWER SUPPLY

230V 50Hz ~

STANDARD CONDITIONS

EN13215_RG20

APPLICATION

M/HBP

COOLING CAPACITY

1679 W

EFFICIENCY

1.62 W/W

DATA

General Data

Weight	36.4 Kg
Receiver	2.3 L
Height	372 mm
Length	482 mm
Width	411 mm
Power Supply	230 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	27.5 A
Max Current	7.37 A

Components

Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 5/8"	2110054
Condenser	3R14T	2451221
Fan Kit	34W 300/28/5B	1996585
Electrical Kit	ELKOM NJ9226GK	944LV1104A
Compressor	NJ9226GK	944LV19..AC

Noise Data

Sound Power Level	70.42 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.41760231 dB (A)	48.43820222 dB (A)	42.41760231 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	700 m³/h
Blade diameter	300 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1679 W	1037 W	4.88 A	1.62 W/W

Test Condition: EN13215_RG20, Return Gas 0 °C, Subcooling OK , 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
-20	1275	817	3.91	1.56
-15	1595	904	4.25	1.77
-10	1925	1003	4.67	1.92
-5	2266	1114	5.16	2.03
0	2617	1235	5.72	2.12
5	2980	1363	6.34	2.19
10	3354	1498	7	2.24

Test Condition: EN13215_RG20, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1074	844	4.11	1.27
-15	1370	934	4.46	1.47
-10	1679	1037	4.88	1.62
-5	2002	1151	5.36	1.74
0	2338	1275	5.89	1.83
5	2689	1407	6.46	1.91
10	3054	1545	7.05	1.98

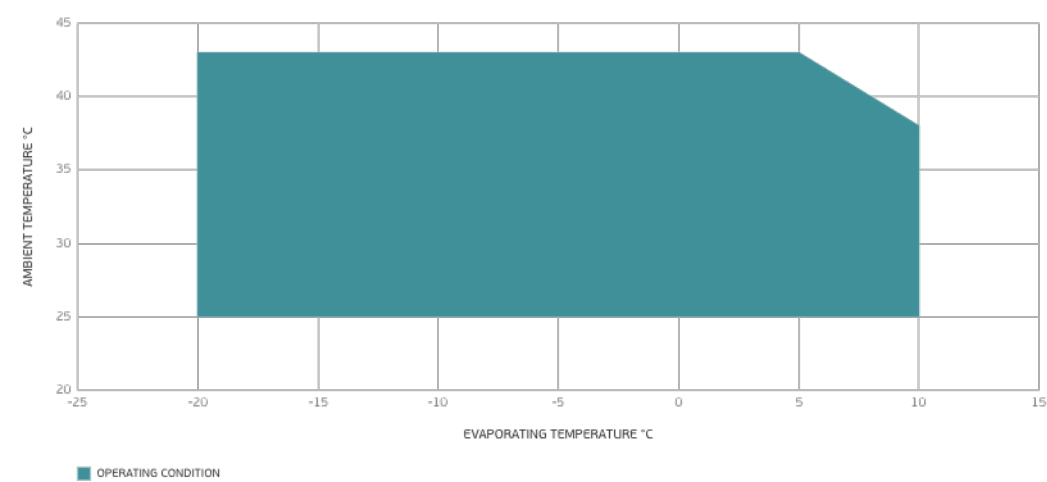
Test Condition: EN13215_RG20, M/HBP

Ambient Temperature 43°C

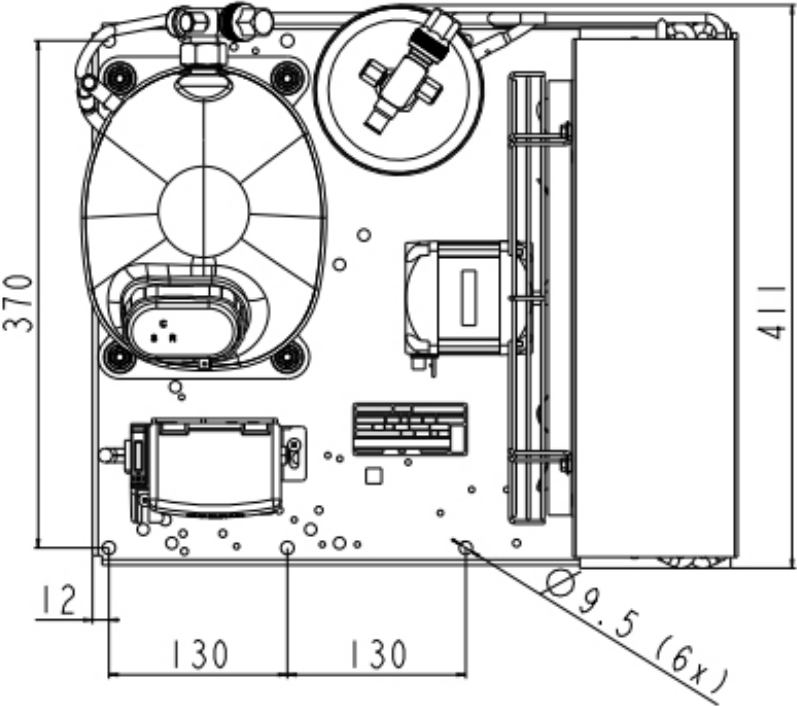
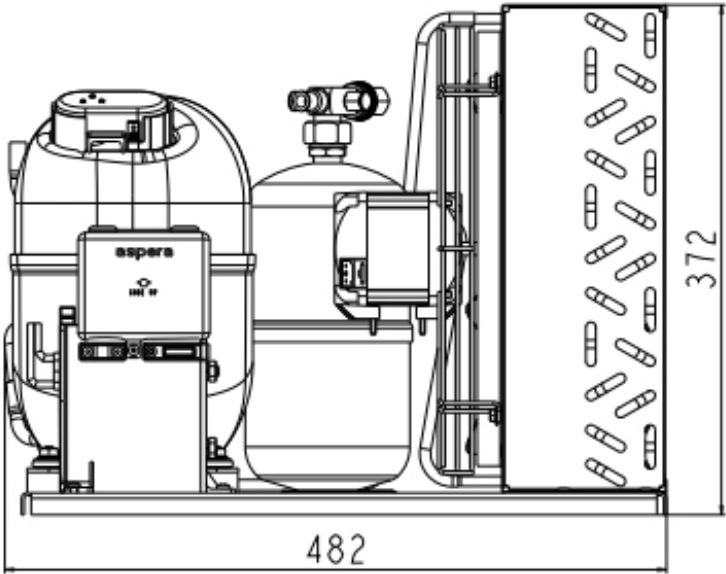
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	952	858	4.06	1.11
-15	1227	954	4.51	1.29
-10	1519	1063	4.99	1.43
-5	1829	1183	5.52	1.55
0	2158	1312	6.06	1.64
5	2506	1450	6.63	1.73
10	2874	1593	7.19	1.8

Test Condition: EN13215_RG20, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

