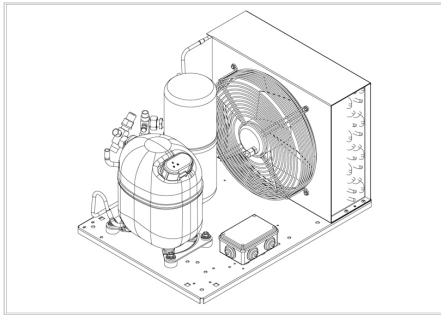


MODEL

UNJ9232GS

embraco



CE

ENGINEERING CODE
647NM5603AA

APPROVED REFRIGERANT
R452A

POWER SUPPLY
380 - 420V 50Hz ~

STANDARD CONDITIONS
EN13215_RG20

APPLICATION
M/HBP

COOLING CAPACITY
2097 W

EFFICIENCY
1.79 W/W

DATA

General Data

Weight	43.8 Kg
Height	372 mm
Length	600 mm
Width	440 mm
Power Supply	380 - 420 V 50 Hz

Electrical Data

Motor Type	3PH
Locked Rotor Amperage (LRA)	13 A
Max Current	3.35 A

Components

Valve Suction	SOLDER 5/8"	2110054
Condenser	3R14T	2451198
Valve Discharge	SOLDER 1/2"	2110050
Compressor	NJ9232GS	947NM19..AC
Fan Kit	S4E300-XX	1996590

Noise Data

Sound Power Level	73.38 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	65.37526883 dB (A)	51.39586875 dB (A)	45.37526883 dB (A)

Fan Motor

Number	1
Shaft Power	60 W
Air Flow	1450 m ³ /h
Blade diameter	-

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	2097 W	1173 W	2.4 A	1.79 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	1538	901	1.92	1.71
-15	1989	1013	2.1	1.96
-10	2413	1137	2.3	2.12
-5	2847	1273	2.53	2.24
0	3324	1426	2.79	2.33
5	3880	1598	3.08	2.43
10	4551	1793	3.39	2.54

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	1304	931	2.02	1.4
-15	1710	1047	2.2	1.63
-10	2097	1173	2.4	1.79
-5	2500	1314	2.63	1.9
0	2955	1472	2.87	2.01
5	3496	1649	3.13	2.12
10	4158	1851	3.41	2.25

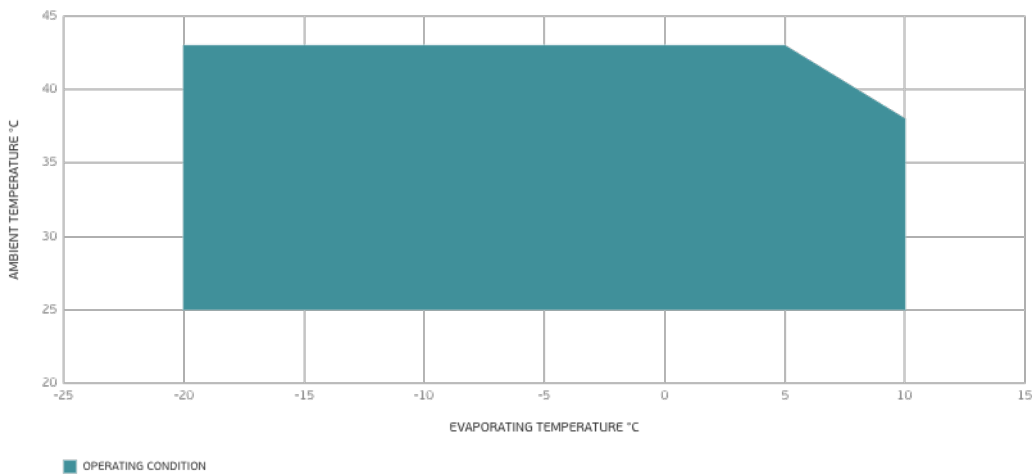
Test Condition: EN13215_RG20, M/HBP

Ambient Temperature 43°C

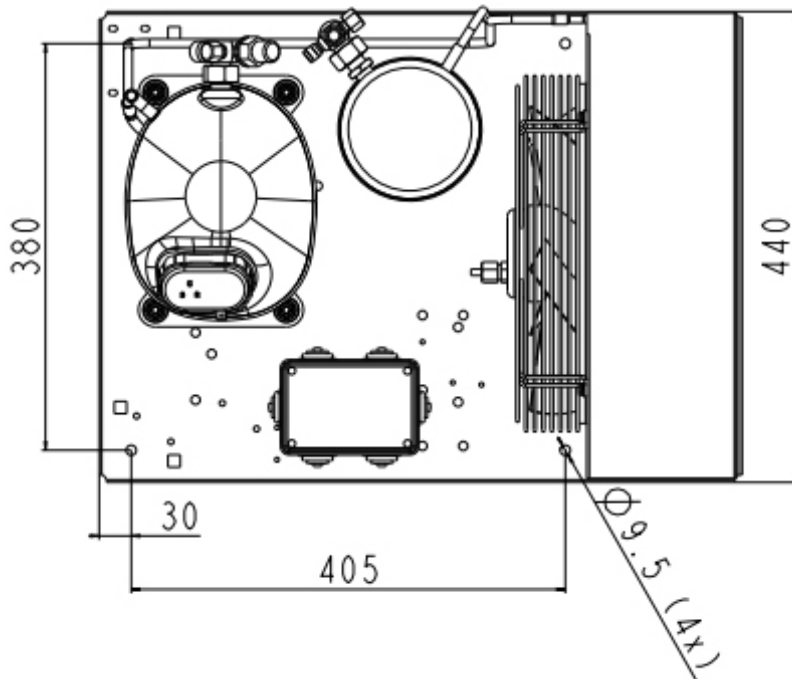
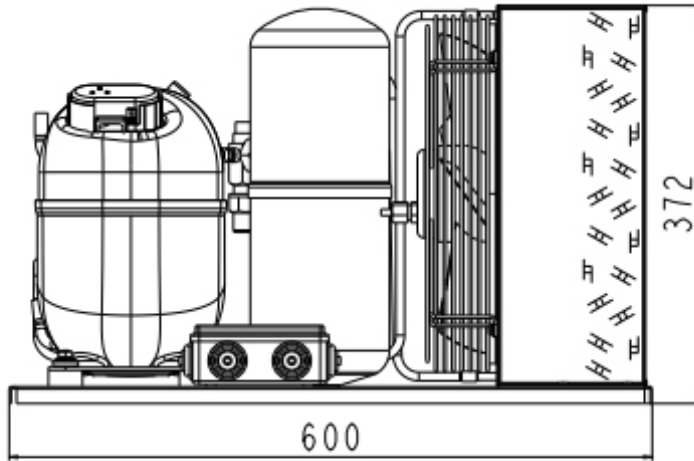
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1113	972	2.06	1.15
-15	1447	1095	2.29	1.32
-10	1774	1229	2.52	1.44
-5	2129	1379	2.77	1.54
0	2546	1547	3.02	1.65
5	3061	1737	3.28	1.76
10	3709	1951	3.55	1.9

Test Condition: EN13215_RG20, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

