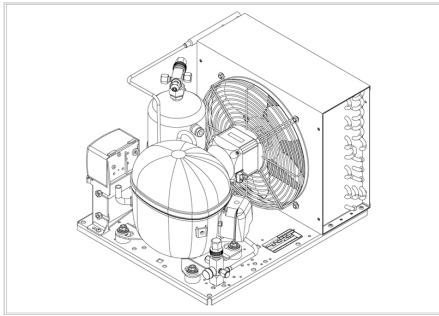


MODEL

UNT6220GKV

embraco



ENGINEERING CODE
602BN5204AA

APPROVED REFRIGERANT
R452A

POWER SUPPLY
200 - 240V 50Hz ~

STANDARD CONDITIONS
EN13215_SH10

APPLICATION
M/HBP

COOLING CAPACITY
1159 W

EFFICIENCY
1.56 W/W

DATA

General Data

Weight	33 Kg
Receiver	2.3 L
Height	323 mm
Length	471 mm
Width	395 mm
Power Supply	200 - 240 V 50 Hz / 230 V 60 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	29.5 A
Max Current	3.83 A

Components

Condenser	3R12T	2451140
Valve Suction	FLARE 1/2"	2110051
Valve Discharge	FLARE 3/8"	2110056
Fan Kit	34W 275/31/5B	1996697
Compressor	NT6220GKV	922JN04..AC
Electrical Kit	ELKOM NT6220GKV	922JN0464A

Noise Data

Sound Power Level	70.65 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.65286303 dB (A)	48.67346295 dB (A)	42.65286303 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1159 W	744 W	3.8 A	1.56 W/W

Test Condition: EN13215_SH10, 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	851	630	3.06	1.35
-15	1137	665	3.31	1.71
-10	1439	723	3.59	1.99
-5	1764	797	3.9	2.21
0	2115	877	4.22	2.41
5	2497	953	4.57	2.62
10	2914	1018	4.92	2.86

Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	651	615	3.26	1.06
-15	893	670	3.52	1.33
-10	1159	744	3.8	1.56
-5	1454	830	4.1	1.75
0	1782	918	4.42	1.94
5	2148	999	4.75	2.15
10	2556	1065	5.08	2.4

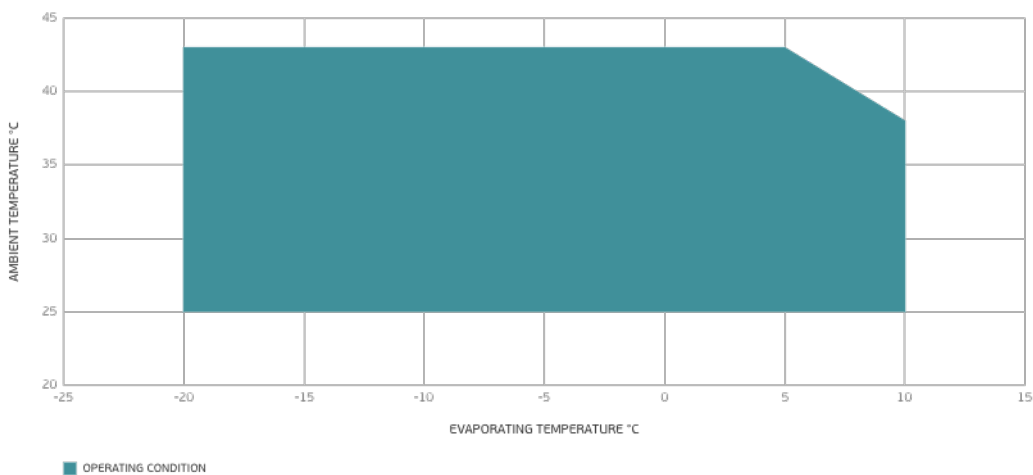
Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 43°C

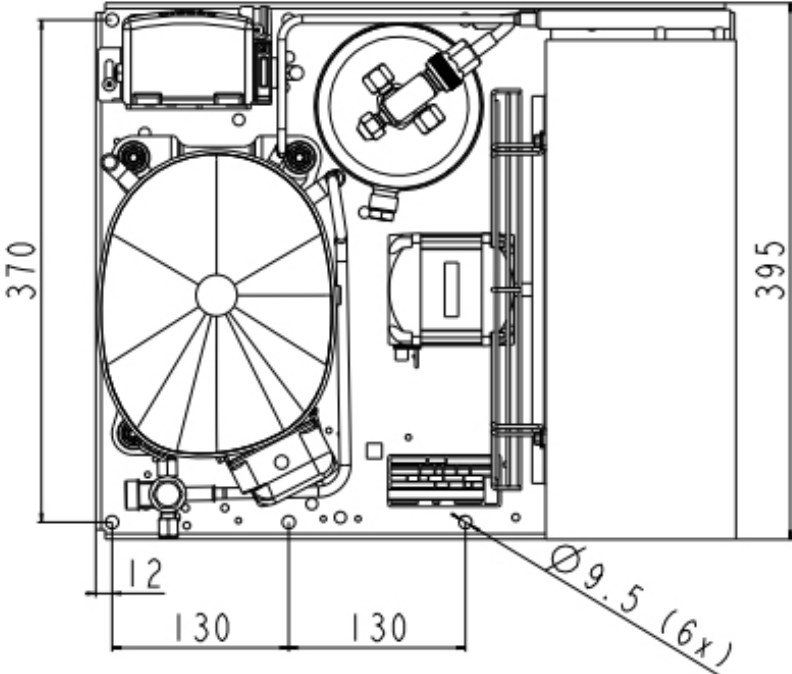
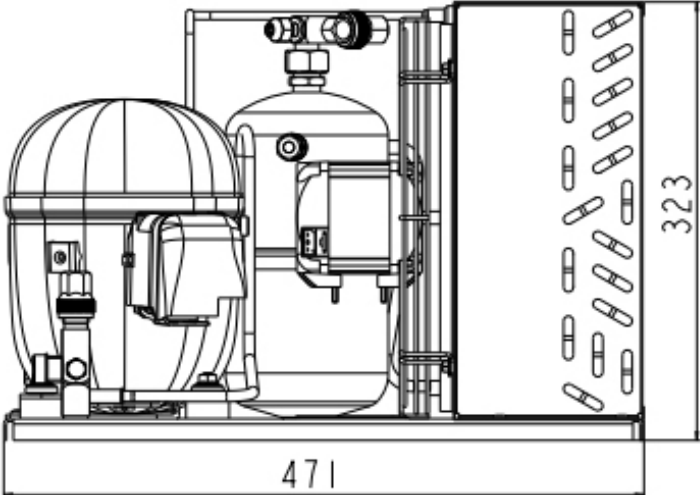
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	541	634	3.22	0.85
-15	694	700	3.54	0.99
-10	881	781	3.89	1.13
-5	1107	867	4.24	1.28
0	1377	950	4.61	1.45
5	1696	1020	4.97	1.66
10	2066	1070	5.33	1.93

Test Condition: EN13215_SH10, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

