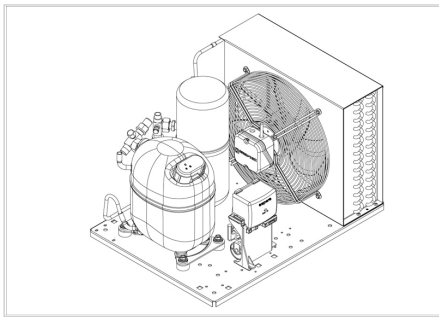


MODEL

UNJ9238GK

embraco




APPROVALS




 **ENGINEERING CODE**
643RV5604AA


 **APPROVED REFRIGERANT**
R404A

 **POWER SUPPLY**
230V 50Hz ~

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
2347 W

 **EFFICIENCY**
1.46 W/W

DATA

General Data

Weight	46.8 Kg
Receiver	3.9 L
Height	372 mm
Length	600 mm
Width	440 mm
Power Supply	230 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	43 A
Max Current	10.1 A

Spare Parts

Valve Suction	SOLDER 5/8"	2110054
Fan Kit	S4E300-XX	1996589
Valve Discharge	SOLDER 1/2"	2110050
Condenser	4R14T	2451199
Compressor	NJ9238GK	943RV19..AC
Electrical Kit	ELKOM NJ9238GK	943RV1904A

Noise Data

Sound Power Level	71.34 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	63.34080301 dB (A)	49.36140292 dB (A)	43.34080301 dB (A)

Fan Motor

Number	1
Shaft Power	95 W
Air Flow	1300 m ³ /h
Blade diameter	-

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	2347 W	1609 W	7.66 A	1.46 W/W

Test Condition: EN13215_SH10, Return Gas 0 °C, Subcooling 3K , 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	1765	1267	6.29	1.39
-15	2230	1398	6.74	1.59
-10	2703	1553	7.34	1.74
-5	3180	1732	8.08	1.84
0	3655	1935	8.97	1.89
5	4122	2165	10.01	1.9
10	4576	2419	11.21	1.89

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	1485	1302	6.46	1.14
-15	1907	1445	7	1.32
-10	2347	1609	7.66	1.46
-5	2801	1795	8.45	1.56
0	3261	2003	9.36	1.63
5	3723	2235	10.4	1.67
10	4180	2490	11.57	1.68

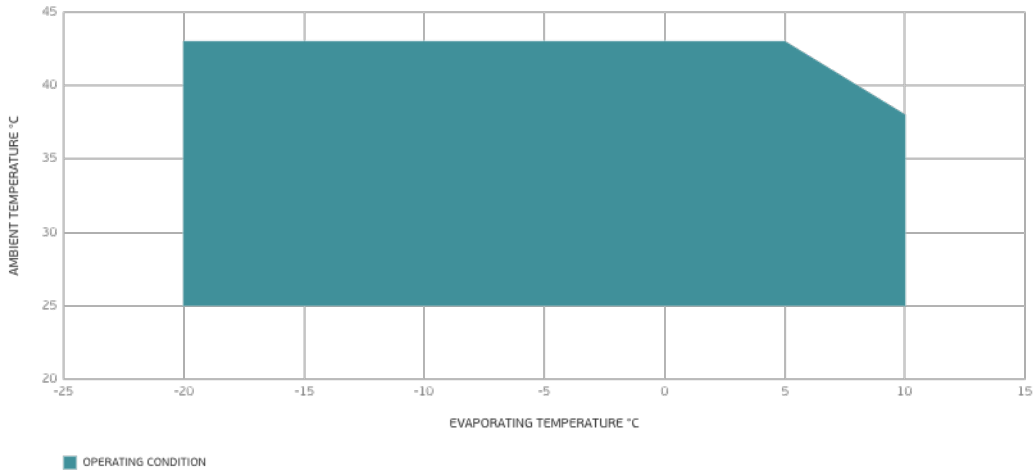
Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 43°C

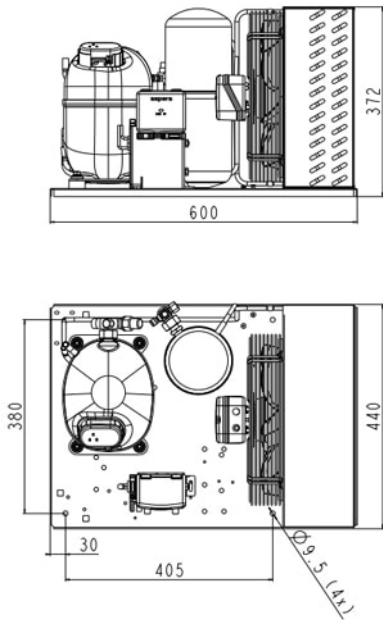
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1164	1325	6.55	0.88
-15	1554	1477	7.18	1.05
-10	1976	1647	7.89	1.2
-5	2427	1836	8.69	1.32
0	2899	2043	9.58	1.42
5	3388	2270	10.56	1.49
10	3888	2517	11.63	1.54

Test Condition: EN13215_SH10, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

