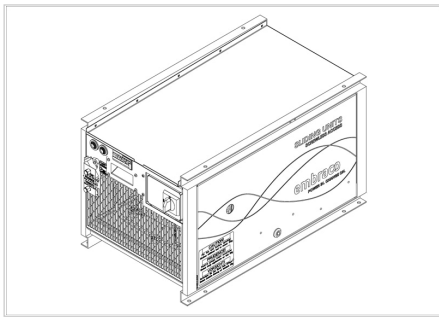


MODEL


UDNJ9232GK

embraco




APPROVALS




 **ENGINEERING CODE**
643NAD6C4FA

 **APPROVED REFRIGERANT**
R404A

 **POWER SUPPLY**
220 - 240V 50Hz ~

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
3063 W

 **EFFICIENCY**
1.81 W/W

DATA

General Data

Weight	82 Kg
Receiver	2.3 L
Height	470 mm
Length	822 mm
Width	460 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	30 A
Max Current	7.78 A

Spare Parts

Fan Kit	S4E300-XX	1996589
Valve Suction	SOLDER 1/2"	2110118
Valve Discharge	SOLDER 3/8"	2110119
Dryer	FILTER DRYER 10MM ODF	2730010
Sight Glass	SIGHT GLASS 10MM ODF	2464040
LP Pressostat	PS1-A3K	2466036
Heater	CRANKCASE HEATER 230V/55W	2464141
Flexi Hose	FLEXI HOSE 12MM ODF	2464244
	JCI P215PR	2464088
Condenser	3R14T	2451198
Compressor	NJ9232GK	943NA11..AC
Electrical Kit	ELECTRICAL BOX/PROTECTOR	1996560/2289028
HP Pressostat	P100CP-106D	2466034

Noise Data

Sound Power Level	68 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	60 dB (A)	46 dB (A)	40 dB (A)

Fan Motor

Number	1
Shaft Power	95 W
Air Flow	1450 m ³ /h
Blade diameter	-

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	3063 W	1690 W	8 A	1.81 W/W

Test Condition: ASHRAE, Return Gas 32 °C, Subcooling 3K , Evaporation 7.20°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	1422	1002	4.86	1.42
-15	1757	1098	5.31	1.6
-5	2456	1311	6.26	1.87
0	2813	1433	6.8	1.96
5	3169	1567	7.42	2.02
7	3325	1631	7.72	2.04
10	3522	1716	8.14	2.05

Test Condition: ASHRAE, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1307	1023	4.95	1.28
-15	1621	1125	5.44	1.44
-5	2270	1352	6.45	1.68
0	2597	1481	7.03	1.75
5	2922	1622	7.69	1.8
7	3063	1690	8	1.81
10	3240	1779	8.44	1.82

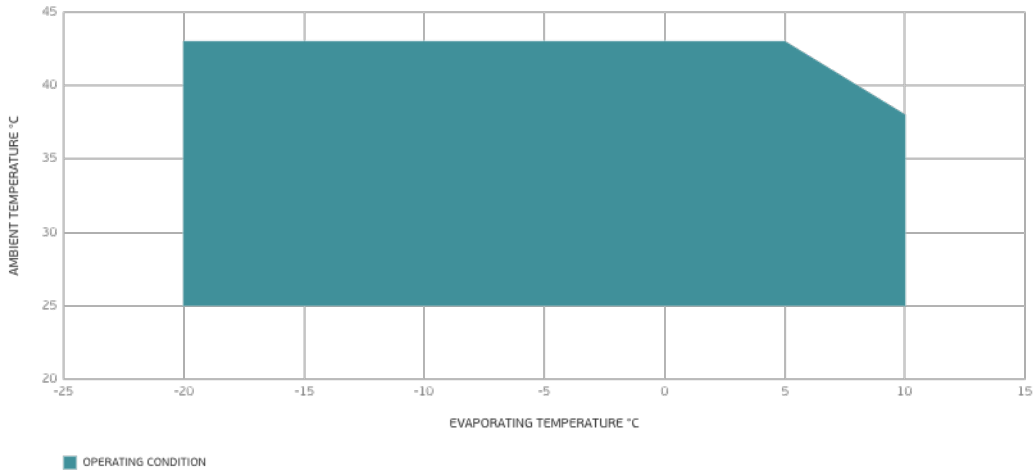
Test Condition: ASHRAE, M/HBP

Ambient Temperature 43°C

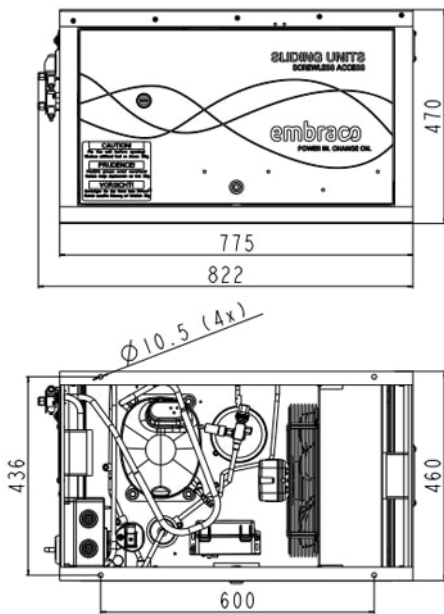
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1069	1047	5.08	1.02
-15	1330	1162	5.6	1.14
-5	1860	1413	6.7	1.32
0	2121	1554	7.31	1.36
5	2375	1709	8	1.39
7	2483	1781	8.34	1.39
10	2618	1878	8.8	1.39

Test Condition: ASHRAE, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

