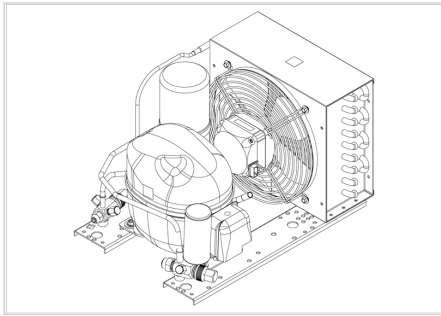


MODEL

UNEK6165GK

embraco



CE

ENGINEERING CODE
557IA5212AA

APPROVED REFRIGERANT
R452A

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
EN13215_RG20

APPLICATION
M/HBP

COOLING CAPACITY
570 W

EFFICIENCY
1.48 W/W

DATA

General Data

Weight	16.5 Kg
Receiver	1.1 L
Height	254 mm
Length	435 mm
Width	300 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	12.4 A
Max Current	2.79 A

Components

Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Condenser	3R9T	2451205
Fan Kit	10W 230/31/5B	1996699
Compressor	NEK6165GK	957IA71..AN
Electrical Kit	ELKOM NEK6165GK	957IA51N1A

Noise Data

Sound Power Level	61.94 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53.9353777 dB (A)	39.95597761 dB (A)	33.9353777 dB (A)

Fan Motor

Number	1
Shaft Power	10 W
Air Flow	420 m ³ /h
Blade diameter	230 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	570 W	386 W	2.38 A	1.48 W/W

Test Condition: EN13215_RG20, Return Gas 0 °C, Subcooling 0K , 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	481	341	2.47	1.41
-15	584	372	2.58	1.57
-10	703	406	2.7	1.73
-5	838	442	2.82	1.89
0	988	481	2.96	2.05
5	1154	520	3.13	2.22
10	1338	561	3.33	2.39

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	420	313	2.13	1.34
-15	487	348	2.25	1.4
-10	570	386	2.38	1.48
-5	669	427	2.52	1.56
0	783	472	2.68	1.66
5	914	518	2.87	1.76
10	1061	566	3.09	1.88

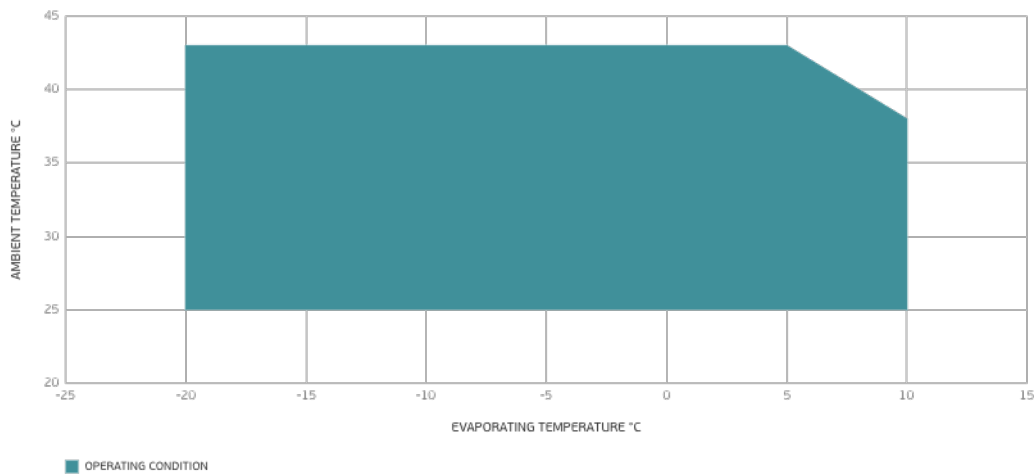
Test Condition: EN13215_RG20, M/HBP

Ambient Temperature 43°C

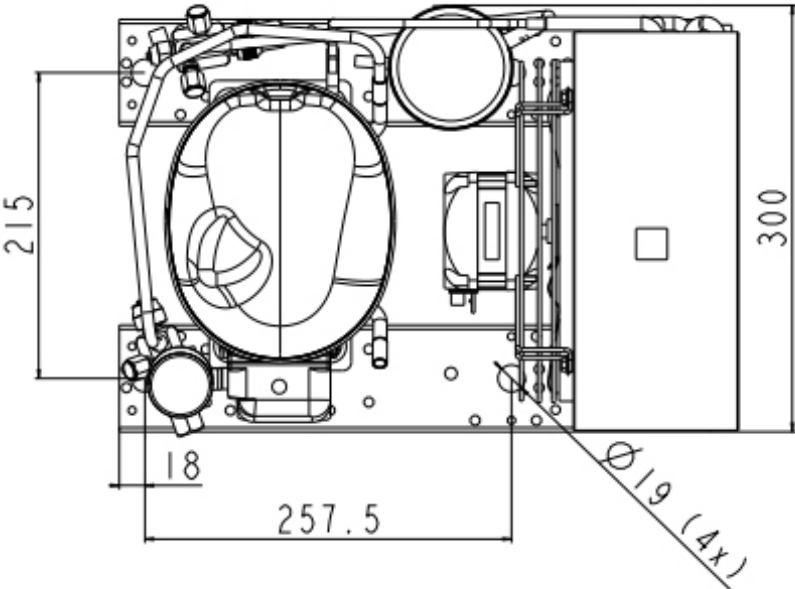
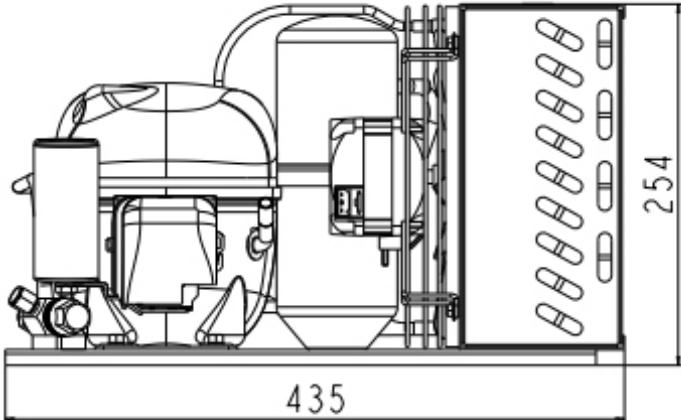
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	366	368	2.57	1
-15	455	409	2.72	1.11
-10	559	455	2.88	1.23
-5	679	506	3.04	1.34
0	814	560	3.23	1.45
5	967	618	3.45	1.56
10	1135	679	3.71	1.67

Test Condition: EN13215_RG20, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

