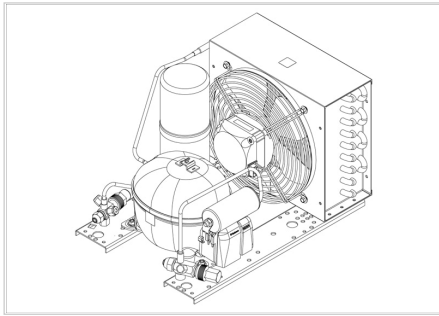


MODEL

UEMT6165GK

embraco





APPROVALS




 **ENGINEERING CODE**
592GA5212AA


 **APPROVED REFRIGERANT**
R452A

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
438 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)	10.4 A
Max Current	2.32 A

Spare Parts

Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Condenser	3R9T	2451205
Compressor	EMT6165GK	912GA67..AR
Electrical Kit	ELCOM EMT6165GK	912GA6764A
Fan Kit	10W 230/31°/5B	1996580

Noise Data

Sound Power Level	61 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53 dB (A)	39 dB (A)	33 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	438 W	295 W	1.93 A	1.48 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	328	240	1.76	1.37
-15	409	262	1.81	1.56
-10	511	283	1.87	1.8
-5	625	306	1.93	2.04
0	745	334	2.02	2.24
5	865	368	2.15	2.35
10	976	411	2.32	2.37

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	280	248	1.82	1.13
-15	348	272	1.88	1.28
-10	438	295	1.93	1.48
-5	545	320	2	1.71
0	661	348	2.1	1.9
5	778	384	2.23	2.03
10	891	429	2.42	2.08

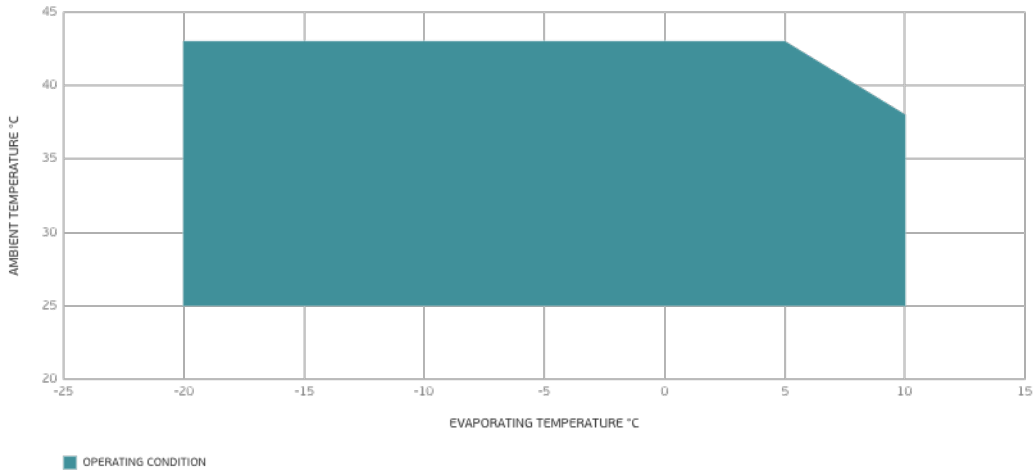
Test Condition: EN13215_SH10, M/HBP

Ambient Temperature 43°C

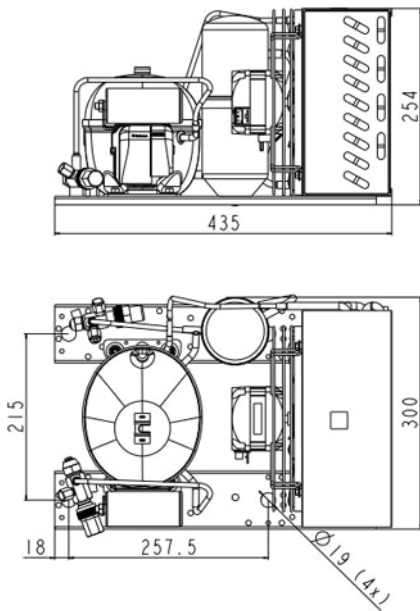
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	238	275	1.96	0.87
-15	285	303	2.04	0.94
-10	360	329	2.11	1.09
-5	455	357	2.2	1.27
0	564	389	2.31	1.45
5	680	427	2.47	1.59
10	795	475	2.68	1.68

Test Condition: EN13215_SH10, M/HBP

Operating Envelope



External Dimensions



Wiring Diagram

