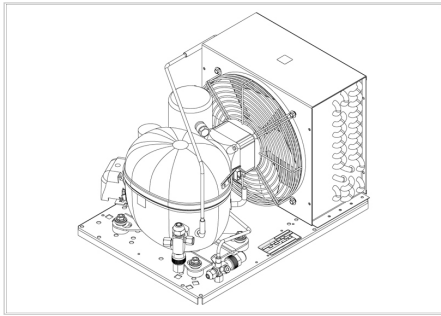


MODEL

**UNT2180GK**

embraco



CE

**ENGINEERING CODE**  
503HA5612AA

**APPROVED REFRIGERANT**  
R452A

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

**STANDARD CONDITIONS**  
EN13215\_SH10

**APPLICATION**  
LBP

**COOLING CAPACITY**  
418 W

**EFFICIENCY**  
0.74 W/W

DATA

## General Data

Weight	28.6 Kg
Receiver	1.2 L
Height	296 mm
Length	474 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	35 A
Max Current	5.8 A

## Components

Valve Discharge	SOLDER 1/4"	2110047
Fan Kit	16W 254/28/5B	1996579
Condenser	4R11T	2451217
Valve Suction	SOLDER 3/8"	2110049
Electrical Kit	ELKOM NT2180GK	923HA0412A
Compressor	NT2180GK	923HA09..AC

## Noise Data

<b>Sound Power Level</b>	65.48 dB (A)	-	-
<b>Sound Pressure Level</b>	<b>at 1 m</b>	<b>at 5 m</b>	<b>at 10 m</b>
	57.48215481 dB (A)	43.50275472 dB (A)	37.48215481 dB (A)

## Fan Motor

<b>Number</b>	1
<b>Shaft Power</b>	16 W
<b>Air Flow</b>	460 m <sup>3</sup> /h
<b>Blade diameter</b>	254 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	418 W	567 W	4.49 A	0.74 W/W

Test Condition: EN13215\_SH10, Return Gas 0 °C, Subcooling OK , Evaporation -35.00°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
-40	386	498	4.26	0.77
-35	501	558	4.48	0.9
-30	634	624	4.7	1.02
-25	786	699	4.95	1.12
-20	956	785	5.23	1.22
-15	1144	886	5.59	1.29
-10	1352	1005	6.02	1.35

Test Condition: EN13215\_SH10, LBP

### Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	312	486	4.24	0.64
-35	418	567	4.49	0.74
-30	540	648	4.74	0.83
-25	679	734	5.02	0.92
-20	836	829	5.35	1.01
-15	1009	934	5.73	1.08
-10	1199	1054	6.2	1.14

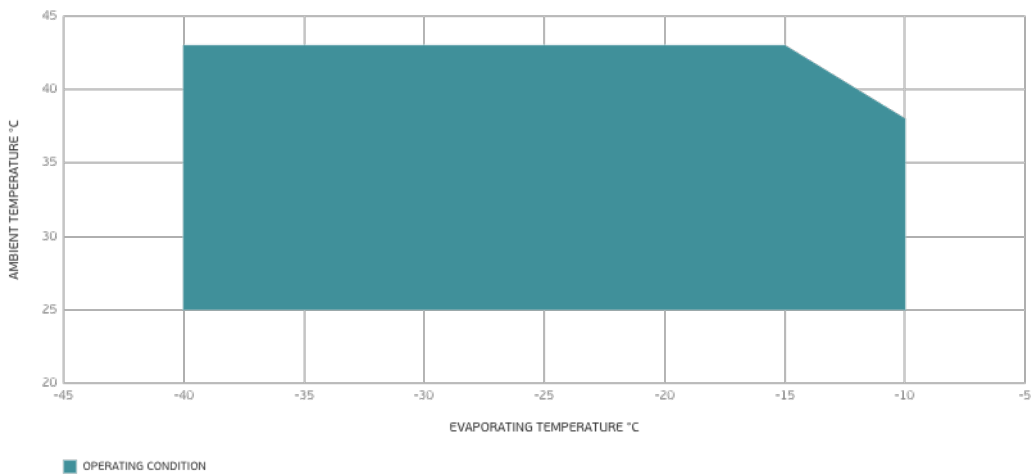
Test Condition: EN13215\_SH10, LBP

### Ambient Temperature 43°C

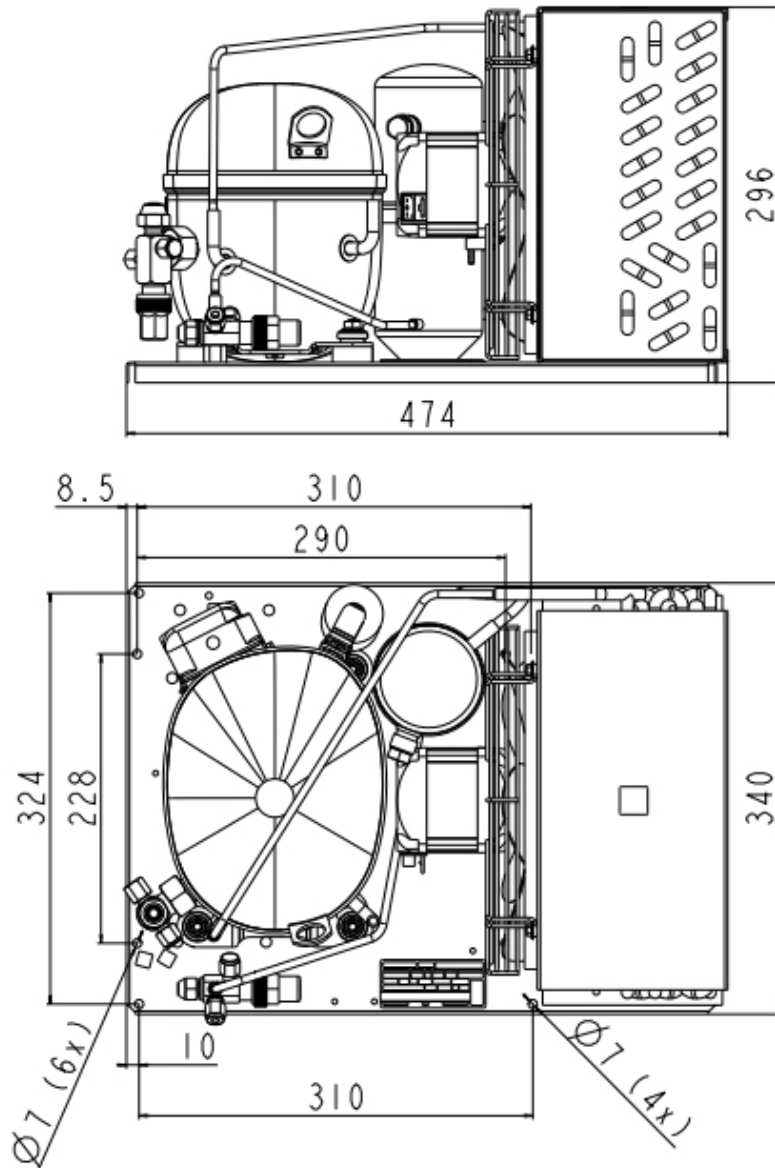
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	213	460	4.16	0.46
-35	317	561	4.43	0.56
-30	435	658	4.71	0.66
-25	567	753	5.01	0.75
-20	714	851	5.35	0.84
-15	875	954	5.75	0.92
-10	1051	1066	6.24	0.99

Test Condition: EN13215\_SH10, LBP

### Operating Envelope



## External Dimensions



Wiring Diagram

