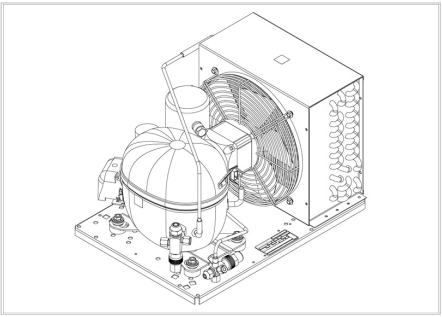
MODEL

UNT2180GK

embraco



APPROVALS

CE

ECODESIGN COMPLIANT

ENGINEERING CODE
503HA5612AA

APPROVED REFRIGERANT
R404A

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
EN13215_RG20

APPLICATION
LBP

COOLING CAPACITY
570 W

EFFICIENCY
0.99 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

Spare Parts

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

Noise Data

Sound Power Level	65.48 dB (A)	-	-
Sound Pressure Level	**at 1 m**	**at 5 m**	**at 10 m**
	57.48215481 dB (A)	43.50275472 dB (A)	37.48215481 dB (A)

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	460 m^3/h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	570 W	578 W	4.56 A	0.99 W/W

Test Condition: EN13215_RG20, Return Gas 20 °C, Subcooling 3K , 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	485	509	4.38	0.95
-35	624	568	4.57	1.1
-30	778	633	4.77	1.23
-25	944	706	5.01	1.34
-20	1124	792	5.29	1.42
-15	1315	892	5.64	1.47
-10	1516	1012	6.08	1.5

Test Condition: EN13215_RG20, LBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	431	503	4.35	0.86
-35	570	578	4.56	0.99
-30	724	655	4.78	1.11
-25	892	736	5.04	1.21
-20	1072	826	5.34	1.3
-15	1264	928	5.72	1.36
-10	1467	1045	6.18	1.4

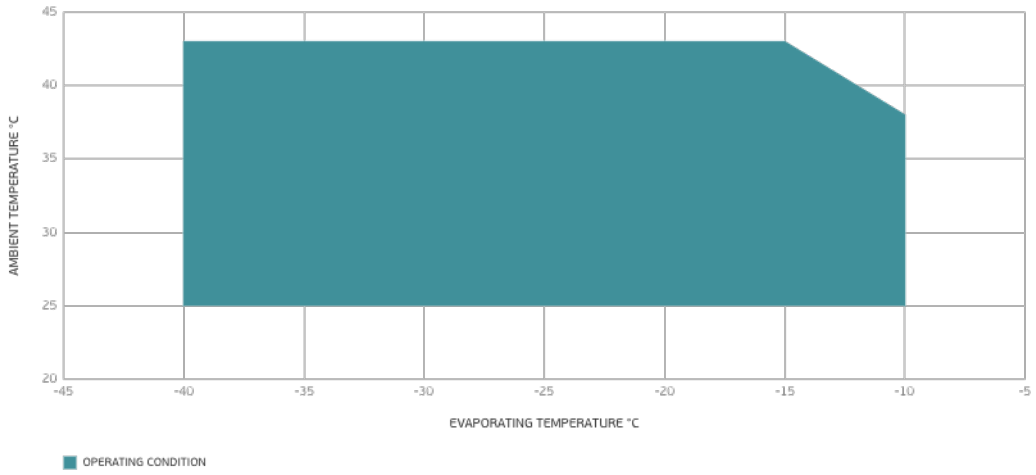
Test Condition: EN13215_RG20, LBP

Ambient Temperature 43°C

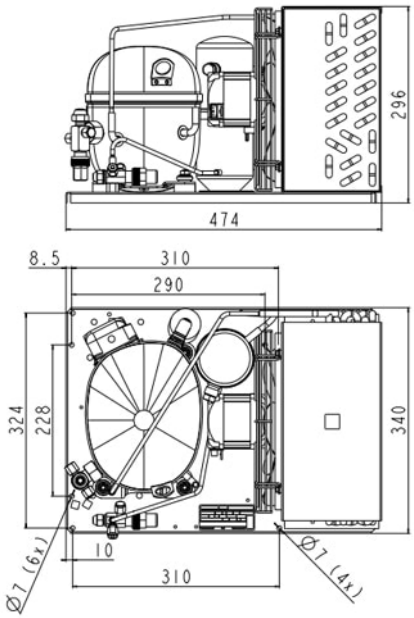
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	301	480	4.36	0.63
-35	426	581	4.59	0.73
-30	568	678	4.85	0.84
-25	723	774	5.13	0.93
-20	891	872	5.47	1.02
-15	1071	977	5.88	1.1
-10	1263	1091	6.38	1.16

Test Condition: EN13215_RG20, LBP

Operating Envelope



External Dimensions



Wiring Diagram

