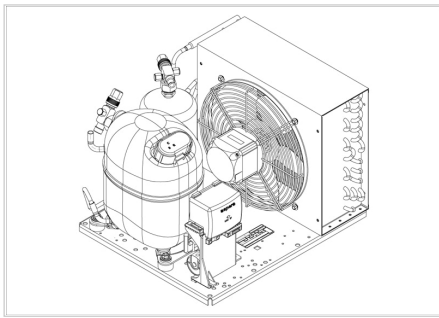


MODEL


**UNJ6220Z**

**embraco**





**APPROVALS**




 **ENGINEERING CODE**  
644HA5604AA


 **APPROVED REFRIGERANT**  
R513A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1252 W

 **EFFICIENCY**  
1.54 W/W

DATA

## General Data

<b>Weight</b>	37.4 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	324 mm
<b>Length</b>	481 mm
<b>Width</b>	410 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

## Electrical Data

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	35 A
<b>Max Current</b>	6.45 A

## Spare Parts

Condenser	3R12T	2451140
Valve Suction	SOLDER 1/2"	2110050
Valve Discharge	SOLDER 3/8"	2110049
Compressor	NJ6220Z	144HA19..AC
Electrical Kit	ELKOM NJ6220Z	144HA1904V
Fan Kit	34W 275/31°/5B	1996583

## Noise Data

Sound Power Level	72.1 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	64.1 dB (A)	50.1 dB (A)	44.1 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m <sup>3</sup> /h
Blade diameter	275 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1252 W	812 W	6.2 A	1.54 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
-15	1124	716	5.95	1.57
-10	1403	788	6.13	1.78
-5	1716	873	6.38	1.97
0	2065	968	6.68	2.13
5	2450	1072	7.03	2.29
10	2872	1182	7.39	2.43

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	996	730	5.99	1.36
-10	1252	812	6.2	1.54
-5	1538	906	6.48	1.7
0	1856	1008	6.81	1.84
5	2204	1118	7.17	1.97
10	2585	1234	7.56	2.1

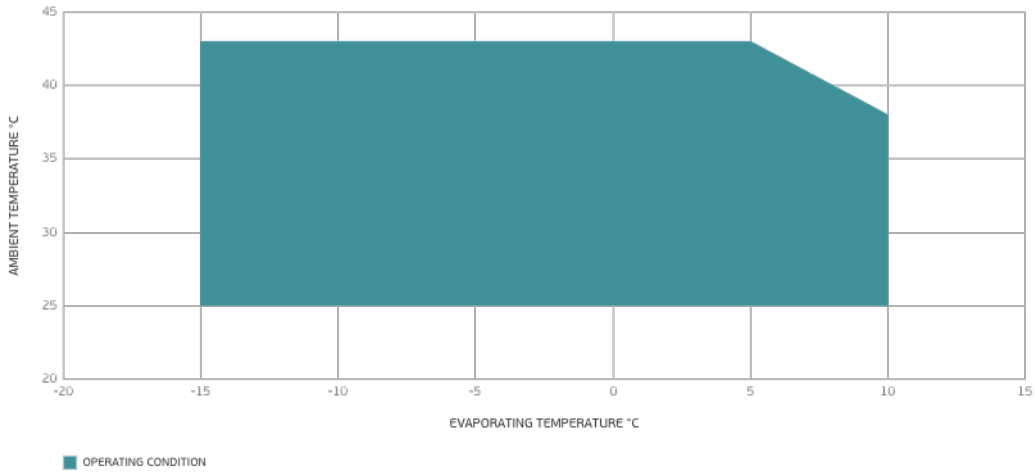
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

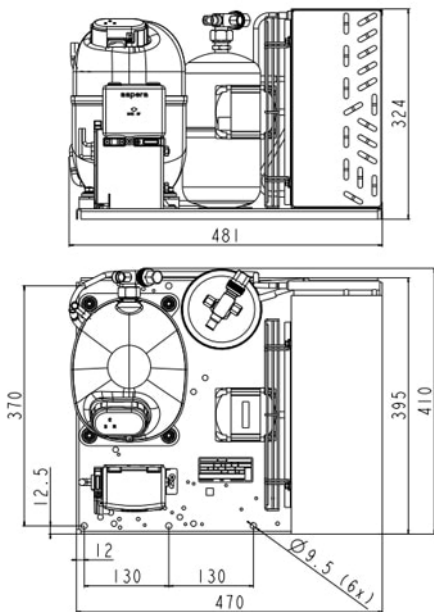
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	788	748	6.03	1.05
-10	1019	843	6.28	1.21
-5	1273	947	6.58	1.34
0	1549	1058	6.94	1.46
5	1850	1175	7.32	1.57
10	2176	1296	7.73	1.68

Test Condition: EN13215\_SH10, M/HBP

## Operating Envelope



## External Dimensions



## Wiring Diagram

