


**APPROVALS**



 **ENGINEERING CODE**  
692CA5212AA

 **APPROVED REFRIGERANT**  
R404A

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
LBP

 **COOLING CAPACITY**  
325 W

 **EFFICIENCY**  
1.46 W/W

DATA

### General Data

<b>Weight</b>	20 Kg
<b>Receiver</b>	0.5 L
<b>Height</b>	226 mm
<b>Length</b>	430 mm
<b>Width</b>	290 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

### Electrical Data

<b>Motor Type</b>	CSIR
<b>Locked Rotor Amperage (LRA)</b>	8.5 A
<b>Max Current</b>	1.46 A

## Spare Parts

Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Condenser	3R8T	2451204
Fan Kit	10W 200/28/5B	1996581
Compressor	EMT2121GK	912CA67..AR
Electrical Kit	ELCOM EMT2121GK	912CA6764A

## Fan Motor

Number	1
Shaft Power	10 W
Air Flow	300 m <sup>3</sup> /h
Blade diameter	200 mm

### PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	325 W	222 W	1.46 A	1.46 W/W

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	170	154	1.24	1.1
-30	267	188	1.33	1.42
-25	334	208	1.4	1.61
-23	360	215	1.42	1.67
-20	414	231	1.47	1.79
-15	503	255	1.55	1.97
-10	605	282	1.65	2.14

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 25.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	160	159	1.28	1.01
-30	242	194	1.38	1.25
-25	302	215	1.44	1.41
-23	325	222	1.46	1.46
-20	374	238	1.51	1.57
-15	457	263	1.6	1.74
-10	551	291	1.7	1.9

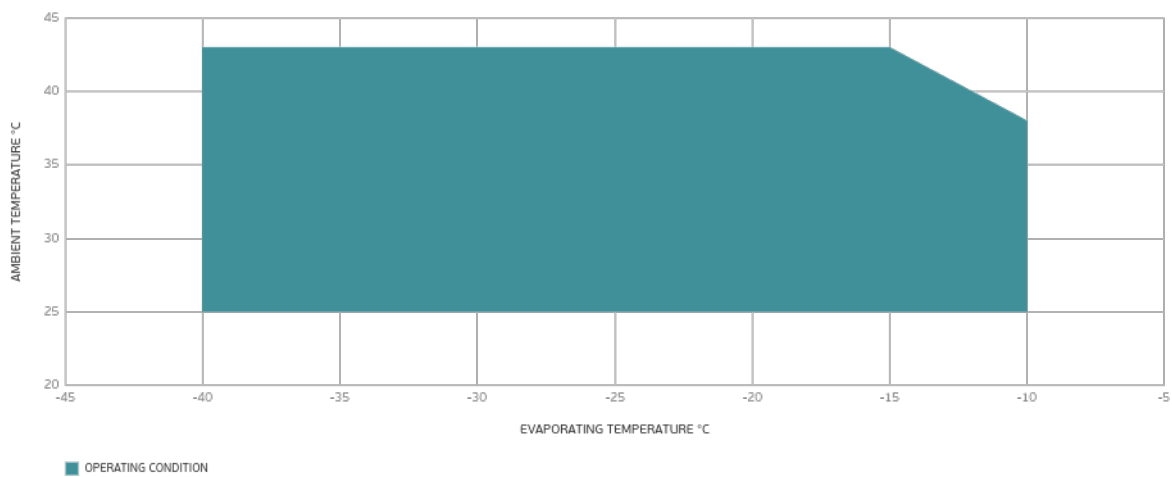
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

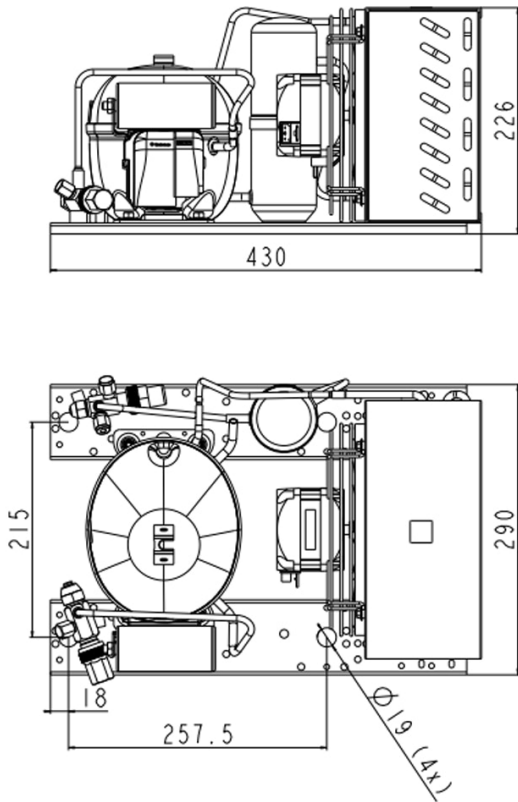
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	135	161	1.28	0.84
-30	215	203	1.4	1.06
-25	275	226	1.47	1.22
-23	298	235	1.5	1.27
-20	347	252	1.56	1.37
-15	430	281	1.66	1.53
-10	525	311	1.77	1.69

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

### Operating Envelope



## External Dimensions



## Wiring Diagram

