


**APPROVALS**



 **ENGINEERING CODE**  
692BA5212AA

 **APPROVED REFRIGERANT**  
R404A

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
LBP

 **COOLING CAPACITY**  
262 W

 **EFFICIENCY**  
1.29 W/W

DATA

### General Data

<b>Weight</b>	17.1 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>	7.7 A
<b>Max Current</b>	1.4 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	EMT2117GK	912BA67..AR
Electrical Kit	ELCOM EMT2117GK	912BA67K3A

## 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	262 W	203 W	1.38 A	1.29 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	128	144	1.17	0.89
-30	217	174	1.27	1.25
-25	270	191	1.32	1.41
-23	289	197	1.34	1.47
-20	328	210	1.38	1.57
-15	393	230	1.46	1.71
-10	465	251	1.55	1.85

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	118	149	1.21	0.79
-30	197	179	1.31	1.1
-25	244	197	1.36	1.24
-23	262	203	1.38	1.29
-20	297	216	1.42	1.38
-15	357	237	1.5	1.51
-10	423	259	1.59	1.63

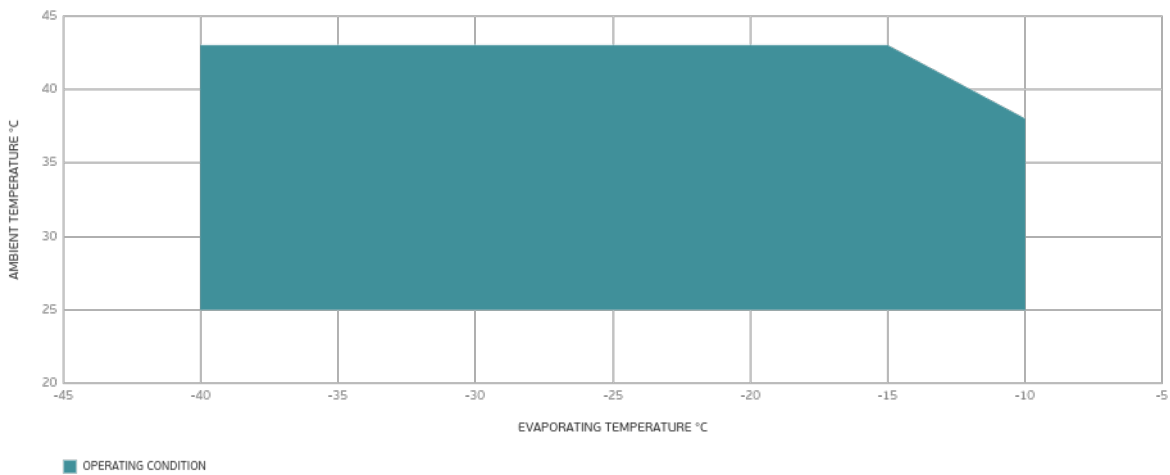
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

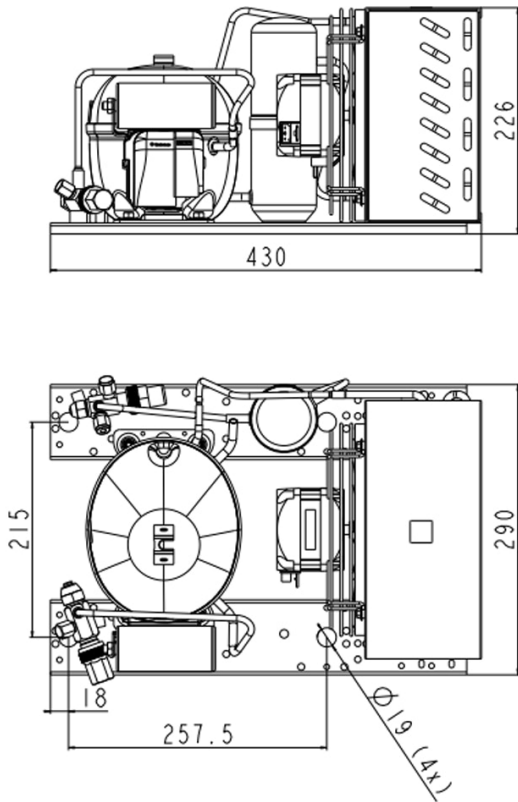
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	100	158	1.29	0.63
-30	167	190	1.38	0.88
-25	208	208	1.44	1
-23	223	215	1.47	1.04
-20	254	229	1.51	1.11
-15	306	252	1.6	1.22
-10	365	277	1.7	1.32

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

