

**APPROVALS**



**ENGINEERING CODE**  
692DA9012AA

**APPROVED REFRIGERANT**  
R404A

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

**STANDARD CONDITIONS**  
ASHRAE

**APPLICATION**  
LBP

**COOLING CAPACITY**  
359 W

**EFFICIENCY**  
1.35 W/W

DATA

**General Data**

<b>Weight</b>	14.1 Kg
<b>Height</b>	254 mm
<b>Length</b>	435 mm
<b>Width</b>	293 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

**Electrical Data**

<b>Motor Type</b>	CSIR
<b>Locked Rotor Amperage (LRA)</b>	9.8 A
<b>Max Current</b>	1.2 A

**Spare Parts**

<b>Condenser</b>	3R9T	2451205
<b>Fan Kit</b>	10W 230/31/5B	1996699
<b>Compressor</b>	EMT2125GK	912DA67..AR
<b>Electrical Kit</b>	ELCOM EMT2125GK	912DA67K3A

## Noise Data

<b>Sound Power Level</b>	61 dB (A)	-	-
<b>Sound Pressure Level</b>	<b>at 1 m</b>	<b>at 5 m</b>	<b>at 10 m</b>
	53 dB (A)	39 dB (A)	33 dB (A)

## Fan Motor

<b>Number</b>	1
<b>Shaft Power</b>	10 W
<b>Air Flow</b>	420 m <sup>3</sup> /h
<b>Blade diameter</b>	230 mm

### PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	359 W	266 W	1.7 A	1.35 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	185	189	1.52	0.98
-30	306	224	1.59	1.36
-25	379	246	1.65	1.54
-23	406	255	1.67	1.59
-20	460	271	1.72	1.7
-15	548	298	1.81	1.84
-10	644	328	1.92	1.97

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	166	193	1.53	0.86
-30	272	233	1.61	1.17
-25	336	257	1.67	1.31
-23	359	266	1.7	1.35
-20	407	284	1.76	1.43
-15	485	314	1.86	1.55
-10	571	345	1.97	1.65

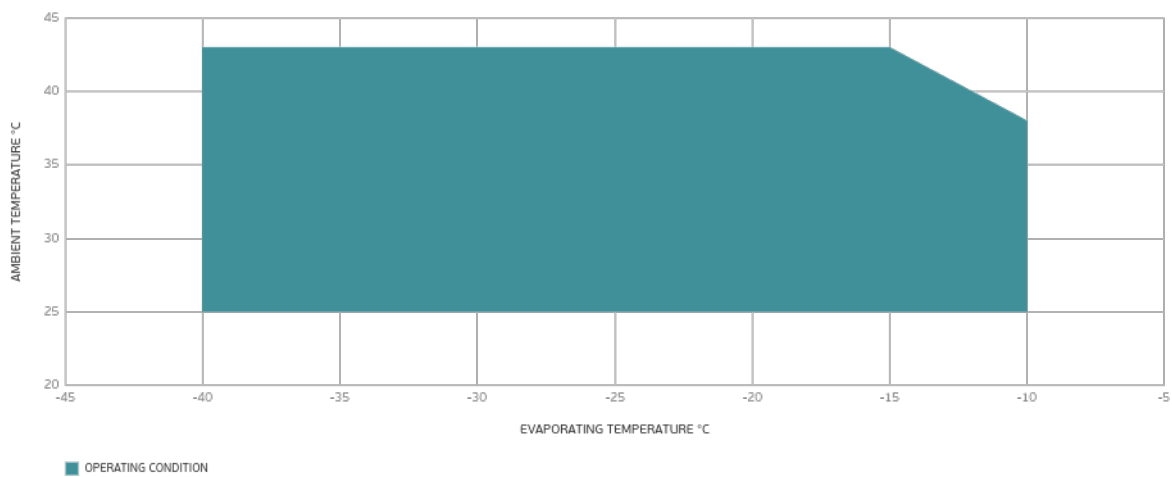
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

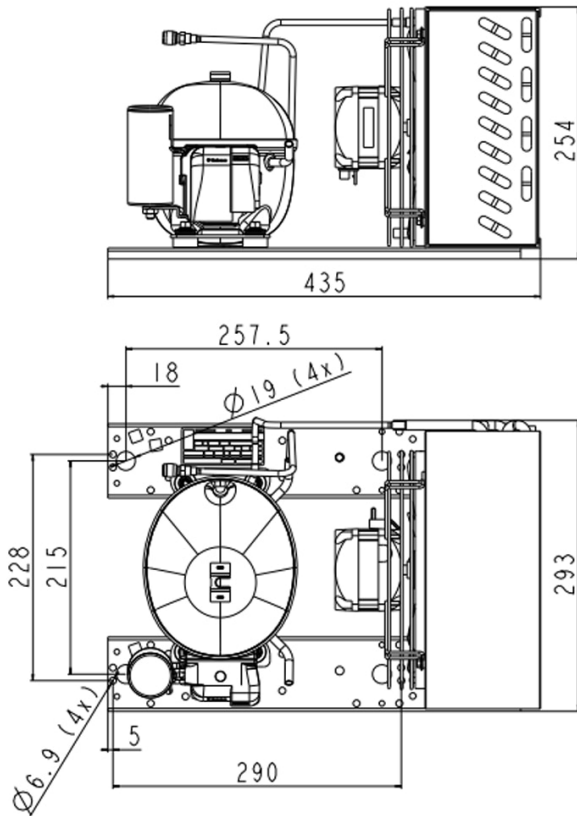
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	128	192	1.5	0.67
-30	216	240	1.61	0.9
-25	269	269	1.7	1
-23	289	279	1.73	1.04
-20	329	300	1.8	1.1
-15	394	333	1.92	1.18
-10	465	369	2.05	1.26

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

