




**APPROVALS**




 **ENGINEERING CODE**  
594HA0012AA

 **APPROVED REFRIGERANT**  
R290

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
338 W

 **EFFICIENCY**  
1.65 W/W

DATA

**General Data**

<b>Weight</b>	14.9 Kg
<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>	1.54 A

**Spare Parts**

<b>Fan Kit</b>	IQ3612 200/28/5B	1996701
<b>Condenser</b>	3R8T	2451204
<b>Compressor</b>	EMT6144U	872HA67..AR
<b>Electrical Kit</b>	ELCOM EMT6144U	872HA6764A

## Fan Motor

Number	1
Shaft Power	-
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	338 W	205 W	1.36 A	1.65 W/W

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	253	176	1.22	1.43
-15	312	187	1.26	1.67
-10	376	199	1.32	1.89
-5	448	212	1.37	2.11
0	527	226	1.42	2.33
5	614	241	1.47	2.55
10	710	255	1.52	2.78

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	228	182	1.26	1.25
-15	280	193	1.3	1.45
-10	338	205	1.36	1.65
-5	403	218	1.41	1.85
0	475	233	1.47	2.04
5	556	248	1.52	2.24
10	645	263	1.57	2.45

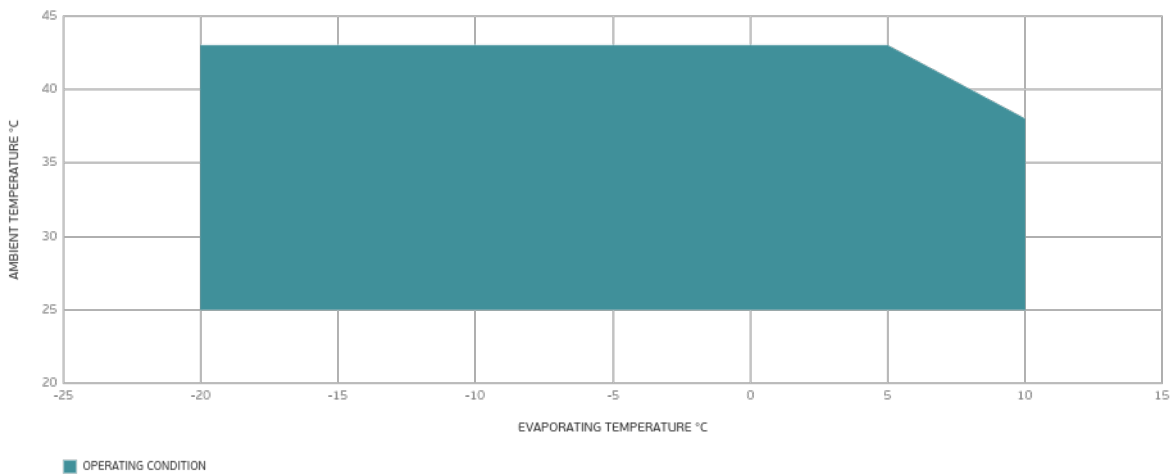
Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Ambient Temperature 43°C

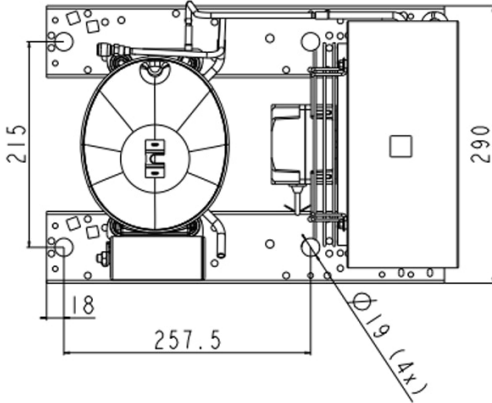
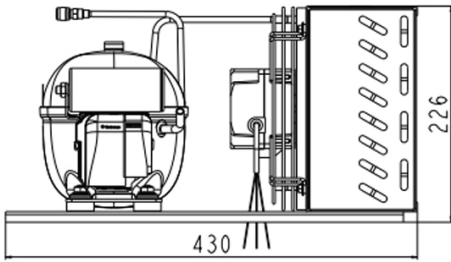
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	190	193	1.33	0.99
-15	234	204	1.38	1.15
-10	284	216	1.43	1.31
-5	340	231	1.49	1.47
0	403	246	1.55	1.64
5	474	262	1.61	1.81
10	553	279	1.66	1.98

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

### Operating Envelope



## External Dimensions



## Wiring Diagram

