



APPROVALS



 **ENGINEERING CODE**  
592FA8212AA

 **APPROVED REFRIGERANT**  
R404A

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
367 W

 **EFFICIENCY**  
1.42 W/W

DATA

## General Data

Weight	13.3 Kg
Receiver	0.6 L
Height	226 mm
Length	480 mm
Width	302 mm
Power Supply	220 - 240 V 50 Hz

## Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	8.5 A
Max Current	1.94 A

## Spare Parts

Valve Suction	FLARE 3/8"	2110059
Valve Discharge	FLARE 1/4"	2110085
Condenser	3R8T	2451204
Compressor	EMT6152GK	912FA67..AR
Electrical Kit	ELCOM EMT6152GK	912FA6764A
Fan Kit	10W 200/28°/5B	1996581

## Noise Data

Sound Power Level	59.3 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	51.3 dB (A)	37.32059991 dB (A)	31.3 dB (A)

## 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	367 W	258 W	1.6 A	1.42 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
-20	255	207	1.42	1.23
-15	343	225	1.47	1.52
-10	430	247	1.54	1.74
-5	515	271	1.63	1.9
0	597	299	1.73	2
5	676	329	1.85	2.05
10	752	363	1.98	2.07

Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	239	212	1.46	1.13
-15	300	234	1.52	1.28
-10	367	258	1.6	1.42
-5	439	283	1.68	1.55
0	515	311	1.79	1.65
5	596	341	1.9	1.75
10	680	374	2.04	1.82

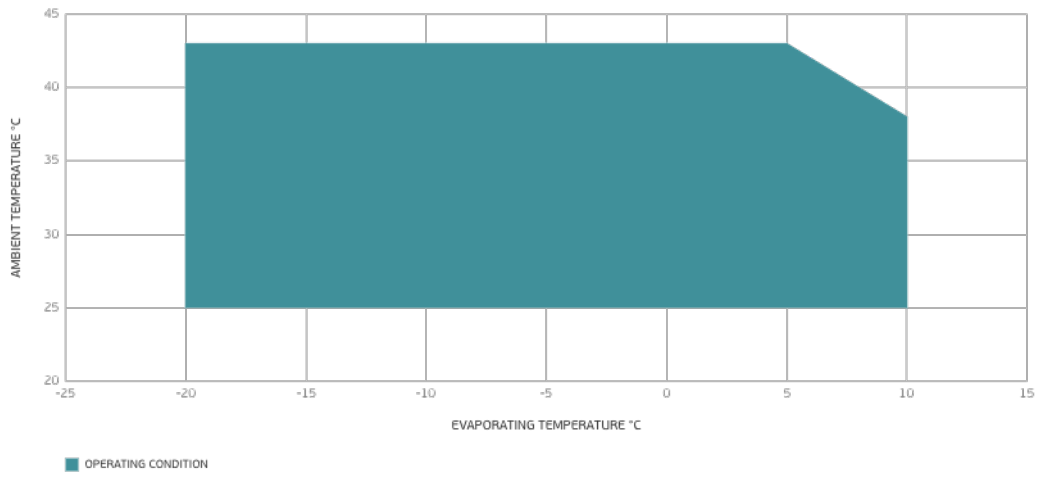
Test Condition: EN13215\_SH10, M/HBP

Ambient Temperature 43°C

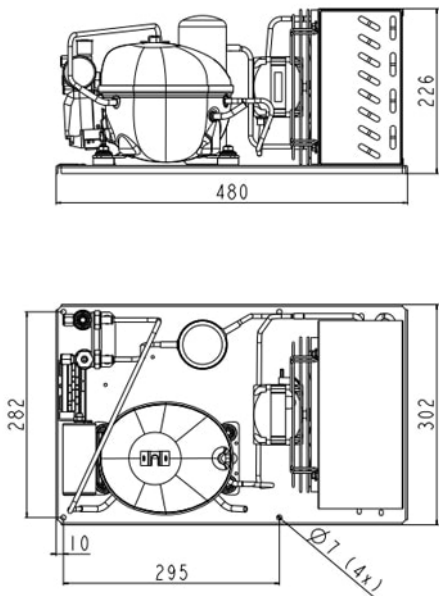
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	207	224	1.49	0.93
-15	239	253	1.58	0.94
-10	287	282	1.67	1.02
-5	351	312	1.78	1.13
0	432	342	1.9	1.26
5	528	373	2.02	1.41
10	638	405	2.16	1.58

Test Condition: EN13215\_SH10, M/HBP

## Operating Envelope



## External Dimensions



## Wiring Diagram

