



APPROVALS



 **ENGINEERING CODE**
692DA5212AA

 **APPROVED REFRIGERANT**
R452A

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
LBP

 **COOLING CAPACITY**
154 W

 **EFFICIENCY**
0.76 W/W

DATA

General Data

Weight	15.4 Kg
Receiver	1.1 L
Height	254 mm
Length	308 mm
Width	435 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	9.8 A
Max Current	1.2 A

Spare Parts

Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Condenser	3R9T	2451205
Compressor	EMT2125GK	912DA67..AR
Electrical Kit	ELCOM EMT2125GK	912DA67K3A
Fan Kit	10W 230/31°/5B	1996580

Noise Data

Sound Power Level	61 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53 dB (A)	39.02059991 dB (A)	33 dB (A)

Fan Motor

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

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	154 W	204 W	1.55 A	0.76 W/W

Test Condition: EN13215_SH10, Return Gas 0 °C, Subcooling 3K , Evaporation -35.00°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
-40	126	183	1.5	0.69
-35	175	199	1.52	0.88
-30	234	218	1.56	1.07
-25	301	240	1.62	1.26
-20	377	265	1.7	1.43
-15	461	292	1.8	1.58
-10	553	322	1.91	1.72

Test Condition: EN13215_SH10, LBP

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	115	186	1.53	0.62
-35	154	204	1.55	0.76
-30	204	225	1.59	0.9
-25	262	249	1.65	1.05
-20	329	276	1.73	1.19
-15	404	305	1.83	1.32
-10	487	337	1.95	1.45

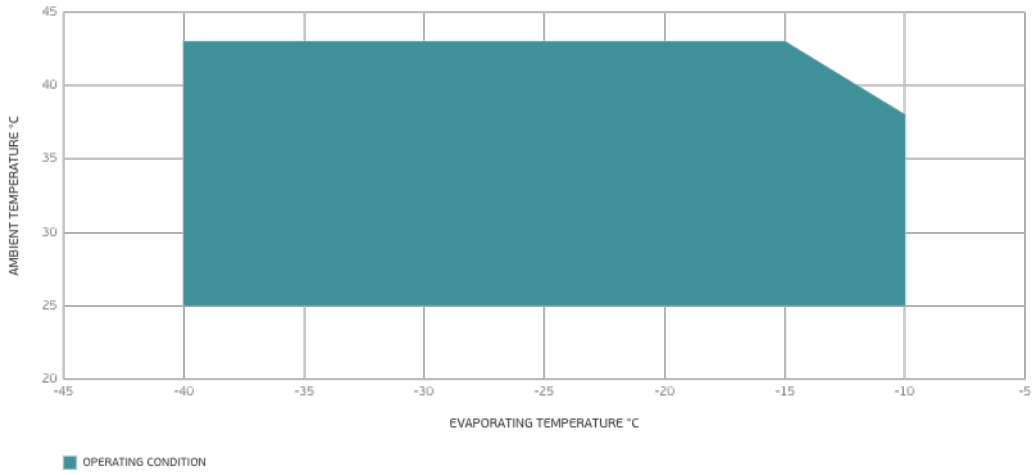
Test Condition: EN13215_SH10, LBP

Ambient Temperature 43°C

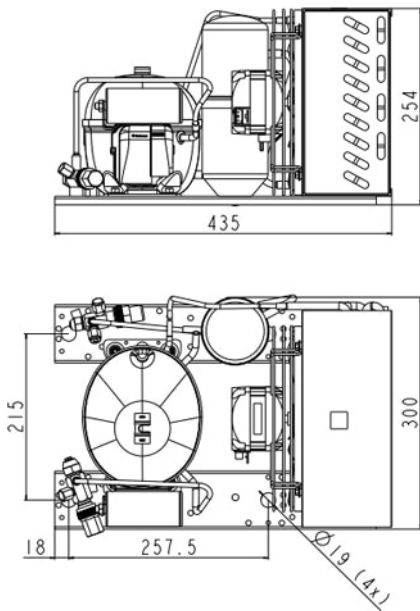
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	86	185	1.54	0.47
-35	114	207	1.57	0.55
-30	152	232	1.61	0.65
-25	199	258	1.68	0.77
-20	255	288	1.77	0.89
-15	320	319	1.88	1
-10	393	352	2	1.12

Test Condition: EN13215_SH10, LBP

Operating Envelope



External Dimensions



Wiring Diagram

