


APPROVALS



 **ENGINEERING CODE**
692DA5612AA

 **APPROVED REFRIGERANT**
R452A

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

 **STANDARD CONDITIONS**
EN13215_RG20

 **APPLICATION**
LBP

 **COOLING CAPACITY**
197 W

 **EFFICIENCY**
0.97 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

Condenser	3R9T	2451205
Fan Kit	10W 230/31/5B	1996580
Electrical Kit	ELCOM EMT2125GK	912DA67K3A
Compressor	EMT2125GK	513306217
Valve Suction	WELD 3/8"	2110046
Valve Discharge	WELD 1/4"	2110047

Noise Data

Sound Power Level	61 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	53 dB (A)	39 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	197 W	202 W	1.53 A	0.97 W/W

Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °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	158	184	1.51	0.85
-35	219	199	1.53	1.1
-30	285	217	1.57	1.31
-25	358	239	1.64	1.5
-20	436	263	1.71	1.65
-15	519	291	1.81	1.79
-10	608	321	1.91	1.9

Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 25.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	147	185	1.51	0.79
-35	197	202	1.53	0.97
-30	253	223	1.58	1.13
-25	316	247	1.65	1.28
-20	385	274	1.73	1.41
-15	461	304	1.83	1.52
-10	543	336	1.93	1.62

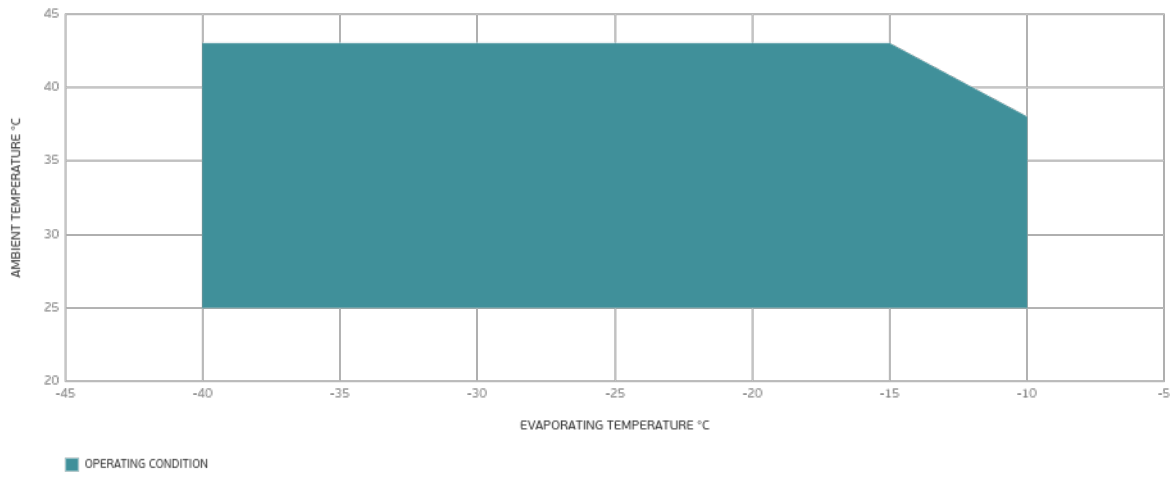
Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-40	122	184	1.52	0.66
-35	158	206	1.55	0.77
-30	202	231	1.61	0.88
-25	254	258	1.69	0.98
-20	313	288	1.78	1.09
-15	380	321	1.88	1.19
-10	455	355	1.99	1.28

Test Condition EN13215_RG20: Evaporating temp. -35.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



Wiring Diagram

