


APPROVALS



 **ENGINEERING CODE**
572DA5312AA

 **APPROVED REFRIGERANT**
R134a

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
LBP

 **COOLING CAPACITY**
336 W

 **EFFICIENCY**
1.3 W/W

DATA

General Data

Weight	17.6 Kg
Height	254 mm
Length	435 mm
Width	290 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	13.2 A
Max Current	2.32 A

Spare Parts

Condenser	3R9T	2451205
Fan Kit	10W 230/31/5B	1996580
Compressor	NE2130Z	262DA50..AM
Electrical Kit	ELKOM NE2130Z	262DA50N2A

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	300 m ³ /h
Blade diameter	230 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	336 W	258 W	2.01 A	1.3 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
-30	267	218	1.88	1.23
-25	343	243	1.96	1.41
-23	371	252	1.99	1.47
-20	429	273	2.05	1.58
-15	529	307	2.16	1.72
-10	644	347	2.29	1.86
-5	775	391	2.44	1.98

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
-30	249	221	1.91	1.12
-25	312	248	1.98	1.26
-23	336	258	2.01	1.3
-20	387	280	2.08	1.38
-15	476	317	2.19	1.5
-10	580	358	2.34	1.62
-5	701	404	2.51	1.74

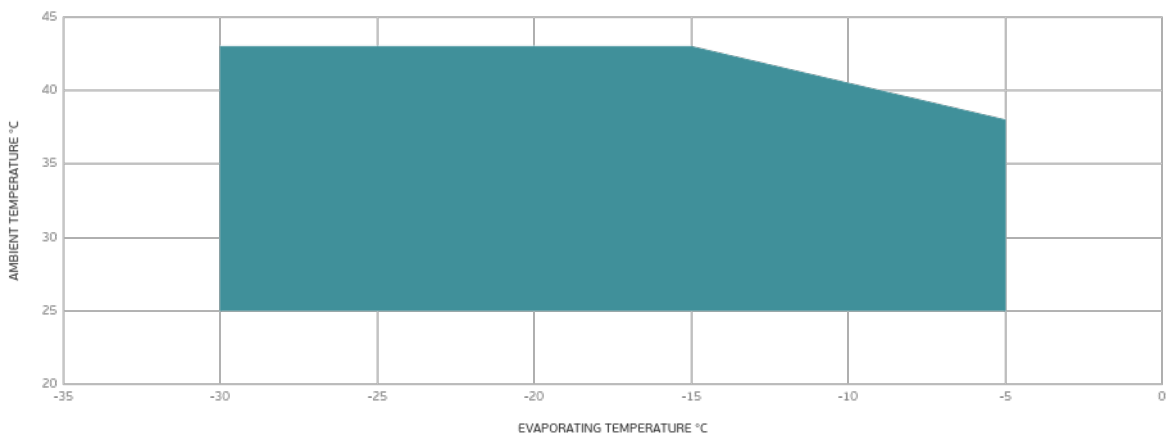
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-30	194	222	1.89	0.87
-25	253	254	1.97	1
-23	276	266	2.01	1.04
-20	325	290	2.08	1.12
-15	411	331	2.23	1.24

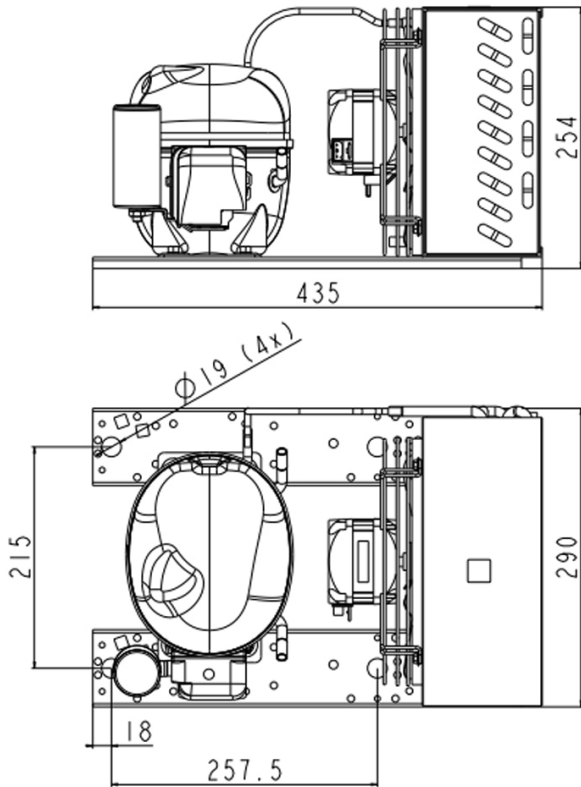
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

Operating Envelope



■ OPERATING CONDITION

External Dimensions



Wiring Diagram

