


APPROVALS



 **ENGINEERING CODE**
602EA0312AA

 **APPROVED REFRIGERANT**
R290

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1330 W

 **EFFICIENCY**
1.57 W/W

DATA

General Data

Weight	31 Kg
Height	323 mm
Length	494 mm
Width	395 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	29 A
Max Current	6.68 A

Spare Parts

Condenser	3R12T	2451140
Fan Kit	IQ3620 275/31/5B	1996704
Compressor	NT6222U	842EA04..AC
Electrical Kit	ELKOM NT6222U	842EA0413A

Noise Data

Sound Power Level	70.7 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.7 dB (A)	48.7 dB (A)	42.7 dB (A)

Fan Motor

Number	1
Shaft Power	-
Air Flow	640 m ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1330 W	848 W	6.06 A	1.57 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	991	713	5.66	1.39
-15	1214	765	5.82	1.59
-10	1471	821	5.98	1.79
-5	1758	883	6.17	1.99
0	2071	954	6.39	2.17
5	2406	1034	6.66	2.33
10	2759	1126	6.99	2.45

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	884	730	5.72	1.21
-15	1091	787	5.88	1.39
-10	1330	848	6.06	1.57
-5	1597	917	6.26	1.74
0	1889	994	6.51	1.9
5	2201	1082	6.81	2.03
10	2529	1182	7.18	2.14

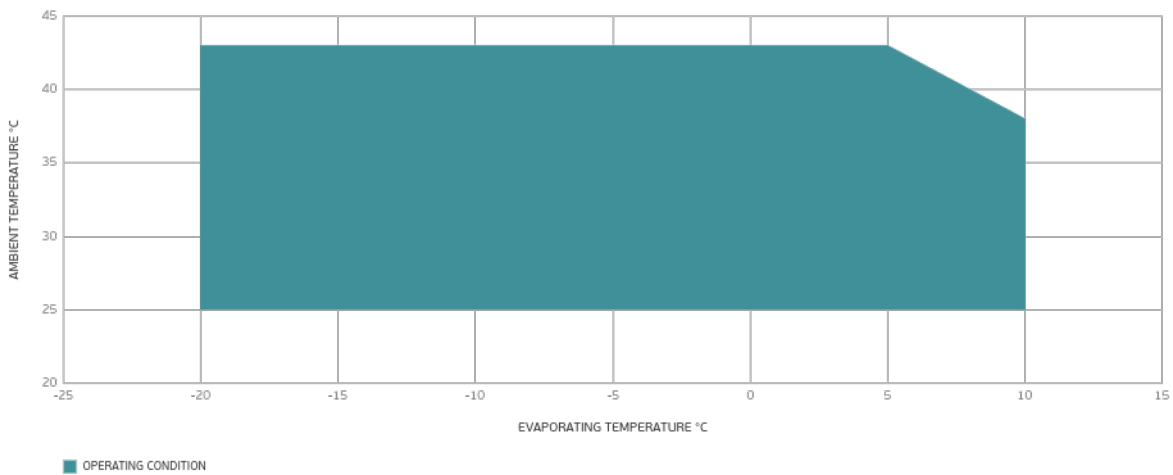
Test Condition EN13215_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

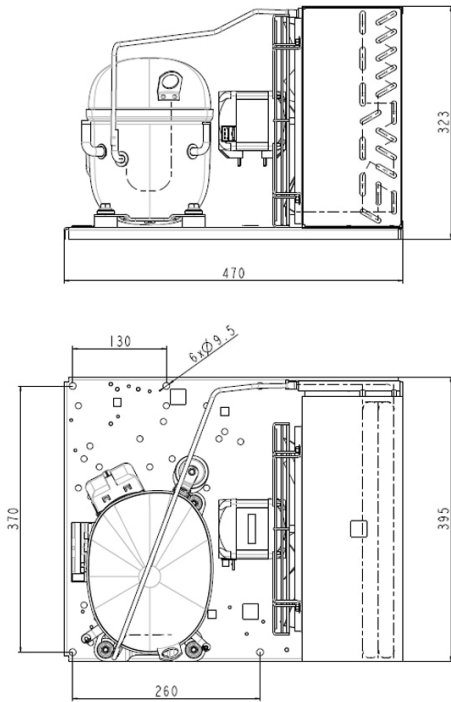
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	689	749	5.74	0.92
-15	850	829	5.97	1.03
-10	1042	914	6.23	1.14
-5	1258	1007	6.53	1.25
0	1497	1109	6.88	1.35
5	1754	1223	7.3	1.43
10	2025	1350	7.79	1.5

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

