




APPROVALS



 **ENGINEERING CODE**
602FA0612AA

 **APPROVED REFRIGERANT**
R290

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
865 W

 **EFFICIENCY**
1.51 W/W

DATA

General Data

Weight	33 Kg
Receiver	2.3 L
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)	25 A
Max Current	4.43 A

Spare Parts

Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 3/8"	2110046
Fan Kit	IQ3620 275/31/5B	1996704
Condenser	3R12T	2451218
Compressor	NT6217U	842FA04..AC
Electrical Kit	ELKOM NT6217U	842FA0413A

Noise Data

Sound Power Level	68.6 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	60.6 dB (A)	46.6 dB (A)	40.6 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	865 W	572 W	4.12 A	1.51 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	652	487	3.82	1.34
-15	796	514	3.88	1.55
-10	961	554	4	1.73
-5	1150	601	4.15	1.92
0	1369	647	4.31	2.12
5	1621	686	4.45	2.36
10	1910	712	4.55	2.68

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	587	500	3.93	1.17
-15	716	530	4	1.35
-10	865	572	4.12	1.51
-5	1037	620	4.28	1.67
0	1238	667	4.44	1.86
5	1470	707	4.59	2.08
10	1738	733	4.68	2.37

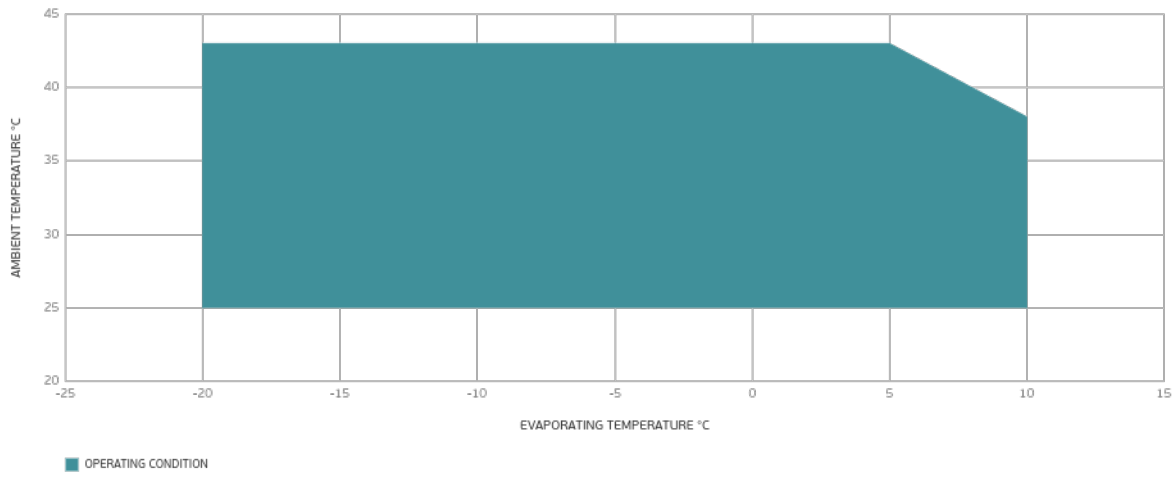
Test Condition EN13215_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

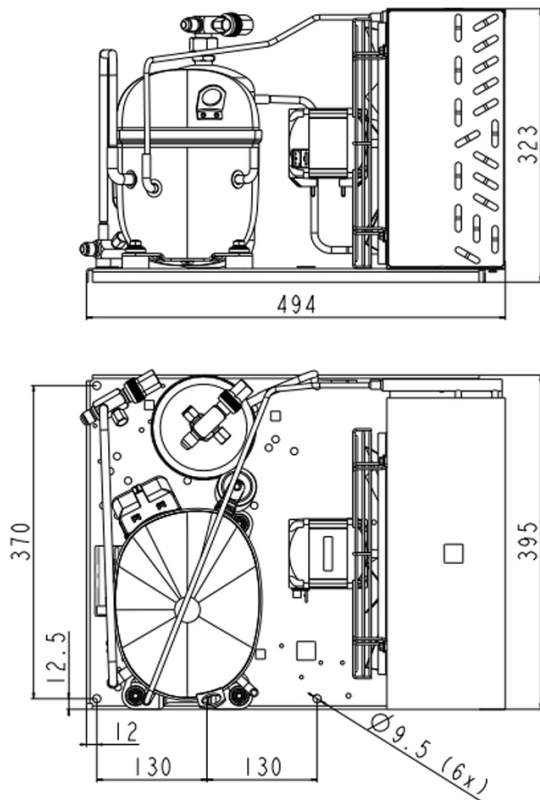
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	488	530	4.15	0.92
-15	597	562	4.23	1.06
-10	724	606	4.37	1.19
-5	873	655	4.53	1.33
0	1048	703	4.7	1.49
5	1253	743	4.84	1.69
10	1493	769	4.94	1.94

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

