



**APPROVALS**




 **ENGINEERING CODE**  
604DA0612AA


 **APPROVED REFRIGERANT**  
R290

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

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1112 W

 **EFFICIENCY**  
1.69 W/W

DATA

### General Data

<b>Weight</b>	28.4 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	323 mm
<b>Length</b>	494 mm
<b>Width</b>	395 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

### Electrical Data

<b>Motor Type</b>	CSIR
<b>Locked Rotor Amperage (LRA)</b>	29 A
<b>Max Current</b>	6.1 A

## Spare Parts

Condenser	3R12T	2451140
Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 3/8"	2110046
Fan Kit	IQ3620 275/31/5B	1996704
Compressor	NT6220U	842DA04..AC
Electrical Kit	ELKOM NT6220U	842DA0413A

## Noise Data

Sound Power Level	71 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	63 dB (A)	49 dB (A)	43 dB (A)

## Fan Motor

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

## PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1112 W	658 W	4.89 A	1.69 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	826	539	4.5	1.53
-15	1017	588	4.61	1.73
-10	1236	641	4.75	1.93
-5	1484	695	4.92	2.14
0	1761	751	5.1	2.35
5	2067	806	5.3	2.56
10	2402	861	5.5	2.79

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	745	558	4.64	1.34
-15	914	605	4.75	1.51
-10	1112	658	4.89	1.69
-5	1338	713	5.06	1.88
0	1592	771	5.25	2.07
5	1875	830	5.45	2.26
10	2186	889	5.67	2.46

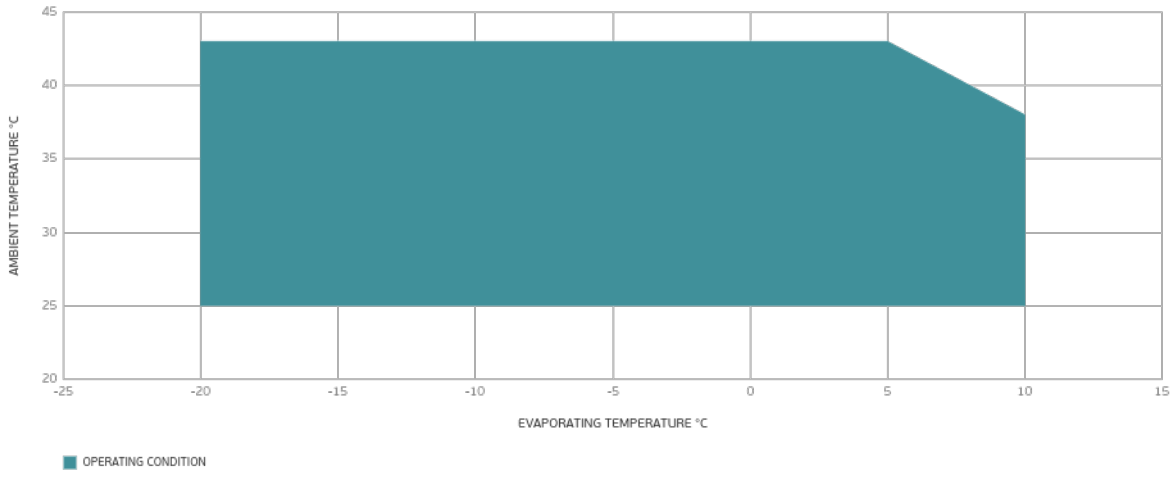
Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

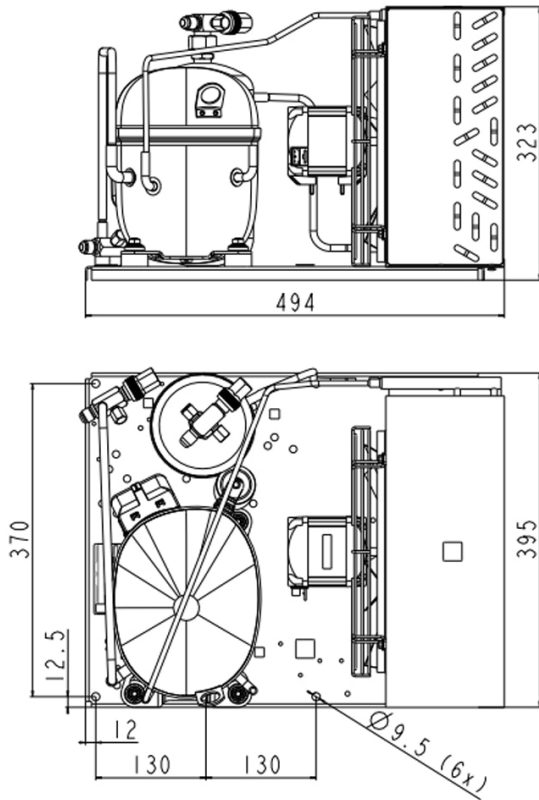
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	596	585	4.72	1.02
-15	733	636	4.85	1.15
-10	899	694	5.01	1.3
-5	1092	757	5.21	1.44
0	1312	824	5.44	1.59
5	1561	894	5.69	1.75
10	1836	967	5.96	1.9

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

