


**APPROVALS**



 **ENGINEERING CODE**  
553CA0612AA

 **APPROVED REFRIGERANT**  
R290

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
1512 W

 **EFFICIENCY**  
2.24 W/W

DATA

### General Data

<b>Weight</b>	23.9 Kg
<b>Receiver</b>	1.1 L
<b>Height</b>	296 mm
<b>Length</b>	465 mm
<b>Width</b>	340 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

### Electrical Data

<b>Motor Type</b>	CSIR
<b>Locked Rotor Amperage (LRA)</b>	19.3 A
<b>Max Current</b>	4.44 A

## Spare Parts

Compressor	NEK6213U	863CA51..AM
Condenser	3R11T	2451206
Fan Kit	IQ3612 254/28/5P	1996703
Electrical Kit	ELKOM NEK6213U	863CA51N1A
Valve Suction	SOLDER 3/8"	2110046
Valve Discharge	SOLDER 1/4"	2110047

## Noise Data

Sound Power Level	63.8 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	55.8 dB (A)	41.8 dB (A)	35.8 dB (A)

## Fan Motor

Number	1
Shaft Power	-
Air Flow	595 m <sup>3</sup> /h
Blade diameter	254 mm

## PERFORMANCE

## Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	1512 W	676 W	4.19 A	2.24 W/W

Test Condition ASHRAE: Evaporating temp. 7.20°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
-20	681	406	3.31	1.68
-15	858	447	3.44	1.92
-5	1197	525	3.68	2.28
0	1374	565	3.81	2.43
5	1565	608	3.96	2.57
7	1656	628	4.03	2.64
10	1778	654	4.13	2.72

Test Condition ASHRAE: Evaporating temp. 7.20°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
-20	651	431	3.37	1.51
-15	779	465	3.47	1.67
-5	1059	544	3.71	1.95
0	1224	592	3.88	2.07
5	1417	648	4.08	2.19
7	1512	676	4.19	2.24
10	1644	713	4.33	2.3

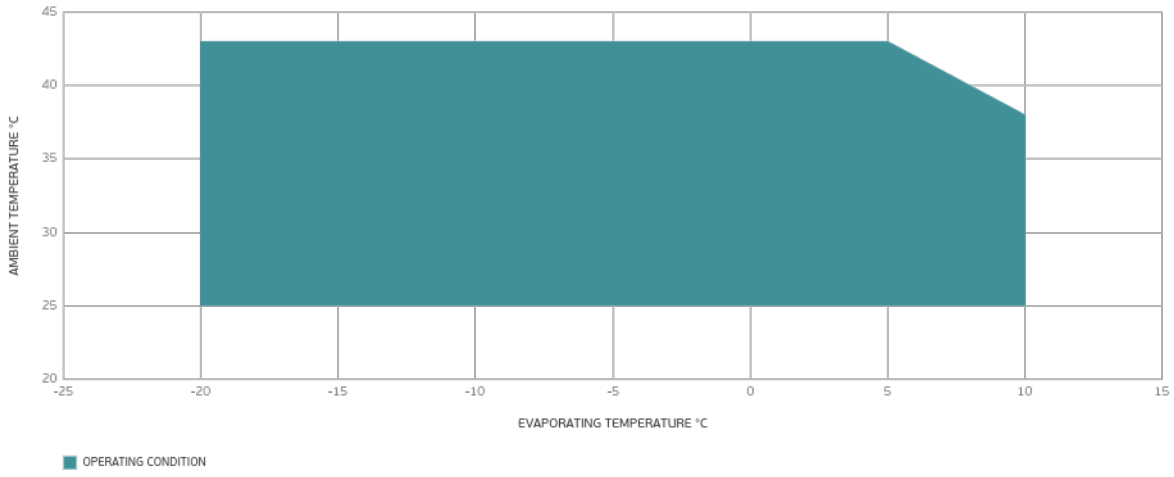
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

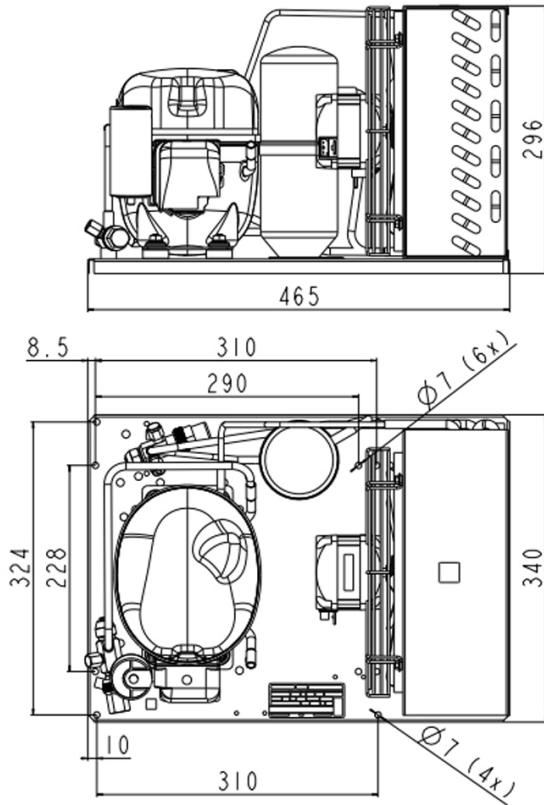
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	525	457	3.44	1.15
-15	628	491	3.53	1.28
-5	914	595	3.87	1.54
0	1112	668	4.14	1.66
5	1356	757	4.48	1.79
7	1480	801	4.66	1.85
10	1654	863	4.91	1.92

Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

## Operating Envelope



## External Dimensions



## Wiring Diagram

