


APPROVALS



 **ENGINEERING CODE**
604DA0612AA

 **APPROVED REFRIGERANT**
R290

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
2146 W

 **EFFICIENCY**
2.54 W/W

DATA

General Data

Weight	28.4 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)	29 A
Max Current	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 ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	2146 W	846 W	5.49 A	2.54 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	917	531	4.42	1.73
-15	1123	579	4.54	1.94
-5	1621	684	4.84	2.37
0	1908	739	5.03	2.58
5	2217	796	5.23	2.79
7	2360	821	5.32	2.88
10	2546	852	5.44	2.99

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	837	549	4.57	1.52
-15	1020	596	4.68	1.71
-5	1469	702	4.98	2.09
0	1731	760	5.17	2.28
5	2015	820	5.39	2.46
7	2146	846	5.49	2.54
10	2318	881	5.62	2.63

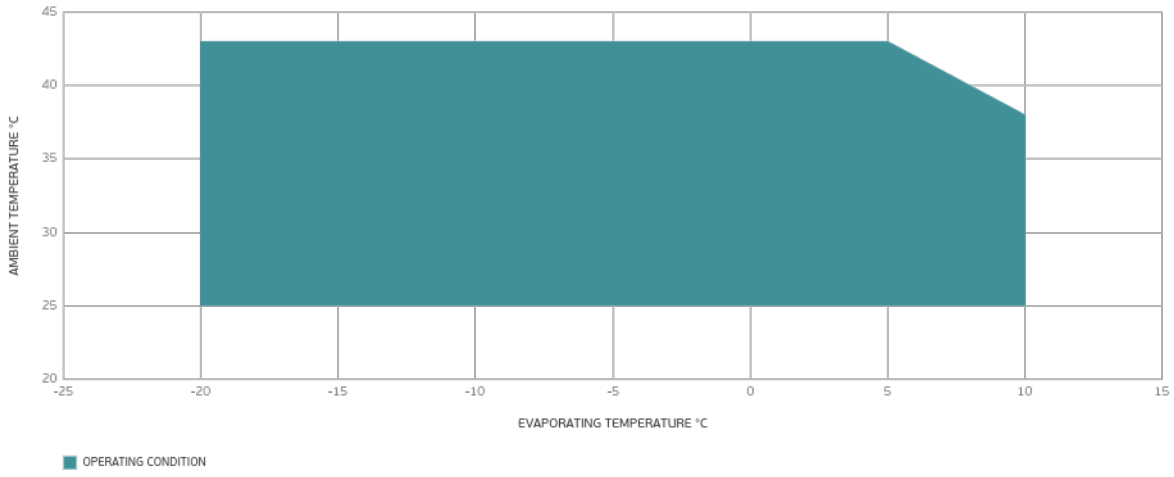
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

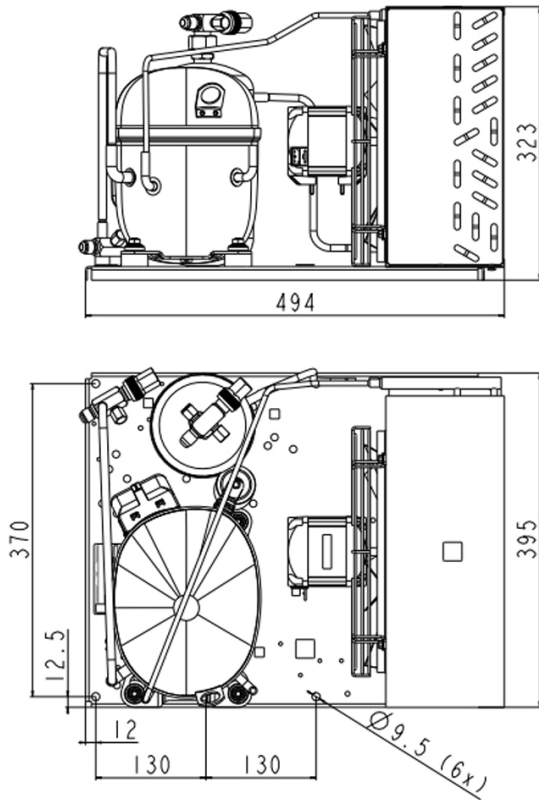
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	683	577	4.66	1.18
-15	833	627	4.78	1.33
-5	1213	746	5.14	1.63
0	1438	813	5.36	1.77
5	1684	884	5.62	1.91
7	1798	916	5.74	1.96
10	1948	958	5.9	2.03

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

