


APPROVALS




 **ENGINEERING CODE**
602DA5212AA


 **APPROVED REFRIGERANT**
R134a

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1969 W

 **EFFICIENCY**
2.29 W/W

DATA

General Data

Weight	30.1 Kg
Receiver	2.3 L
Height	324 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	5.43 A

Spare Parts

Valve Discharge	FLARE 3/8"	2110056
Valve Suction	FLARE 1/2"	2110057
Condenser	3R12T	2451218
Fan Kit	34W 275/31/5B	1996588
Compressor	NT6217Z	212BA09..AC
Electrical Kit	ELKOM NT6217Z	212BA0412A

Noise Data

Sound Power Level	67.5 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	59.5 dB (A)	45.5 dB (A)	39.5 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
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	1969 W	862 W	5.32 A	2.29 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
-15	901	536	4.19	1.68
-5	1366	654	4.54	2.09
0	1661	721	4.75	2.3
5	2002	798	5.02	2.51
7	2166	836	5.16	2.59
10	2389	888	5.35	2.69

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
-15	820	551	4.32	1.49
-5	1241	676	4.68	1.84
0	1509	745	4.9	2.03
5	1819	824	5.18	2.21
7	1969	862	5.32	2.29
10	2173	914	5.51	2.38

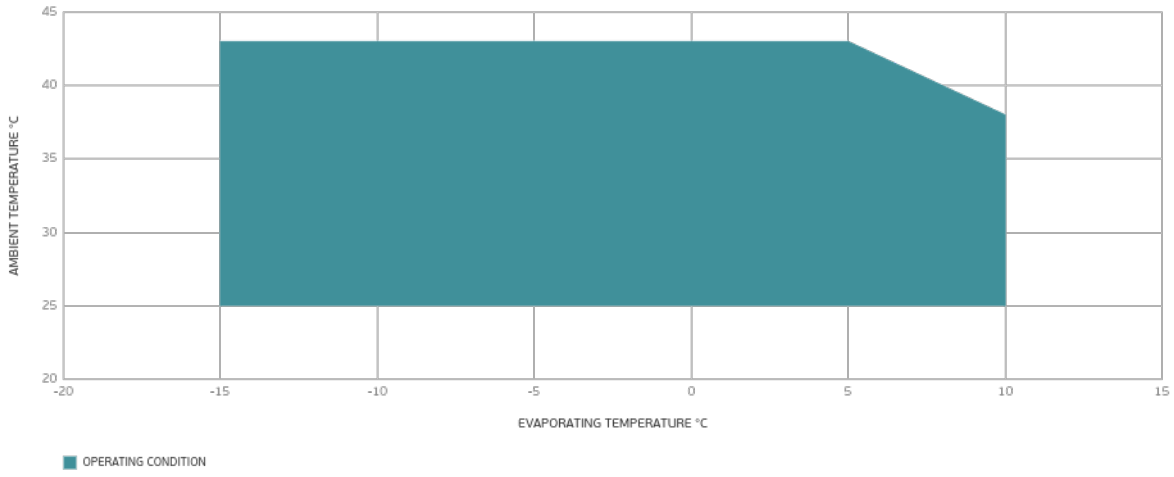
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

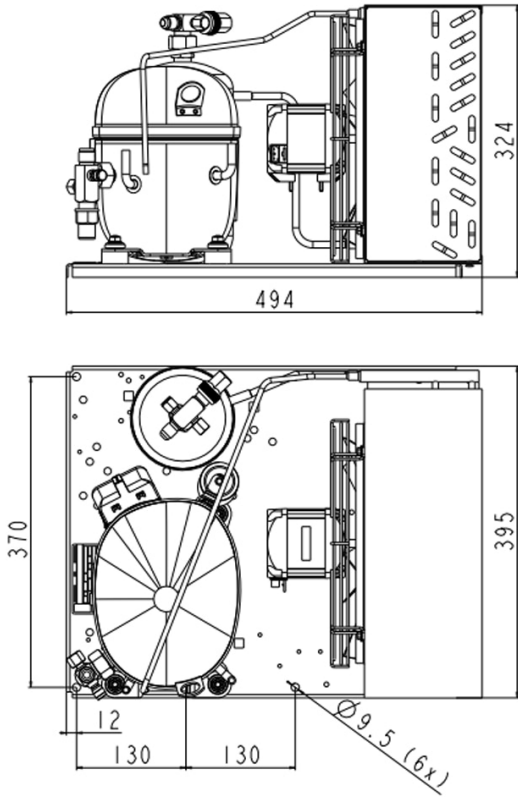
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	666	575	4.35	1.16
-5	1067	720	4.79	1.48
0	1317	797	5.06	1.65
5	1602	881	5.37	1.82
7	1740	922	5.52	1.89
10	1925	977	5.74	1.97

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

