


APPROVALS



 **ENGINEERING CODE**
604AA5212AA

 **APPROVED REFRIGERANT**
R449A

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
992 W

 **EFFICIENCY**
1.75 W/W

DATA

General Data

Weight	31.8 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)	23 A
Max Current	3.64 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	NT6217GK	922AA09..AC
Electrical Kit	ELKOM NT6217GK	922AA0413A

Noise Data

Sound Power Level	68.7 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	60.7 dB (A)	46.7 dB (A)	40.7 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	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	992 W	566 W	3.04 A	1.75 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	492	476	2.66	1.04
-15	676	518	2.83	1.31
-10	907	560	3	1.62
-5	1174	603	3.17	1.95
0	1468	648	3.36	2.26
5	1777	696	3.57	2.55
10	2091	746	3.81	2.8

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	622	474	2.67	1.31
-15	787	520	2.85	1.51
-10	992	566	3.04	1.75
-5	1224	614	3.24	1.99
0	1475	664	3.45	2.22
5	1732	717	3.69	2.42
10	1986	774	3.95	2.57

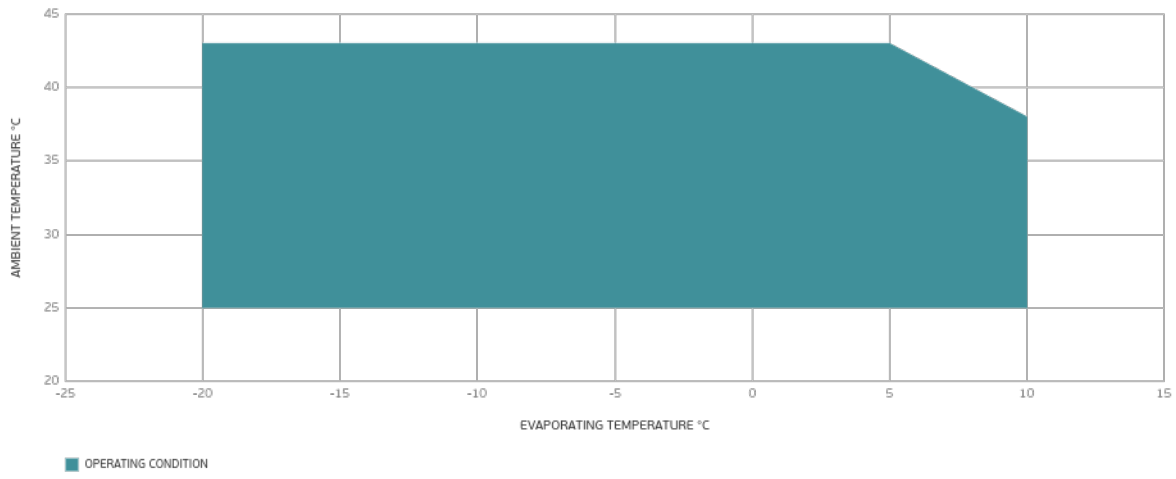
Test Condition EN13215_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

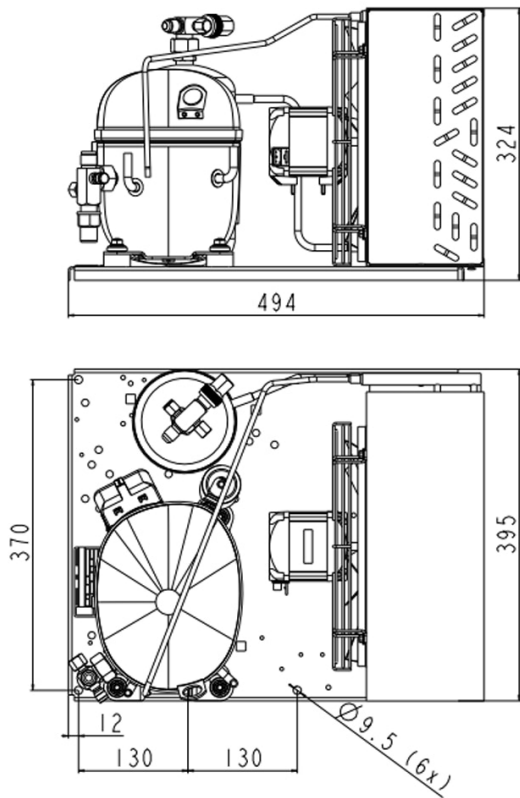
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	373	493	2.73	0.76
-15	544	546	2.95	1
-10	741	601	3.18	1.23
-5	952	658	3.42	1.45
0	1168	717	3.68	1.63
5	1378	781	3.97	1.76
10	1572	850	4.29	1.85

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

