



APPROVALS



 **ENGINEERING CODE**
602CN5204AA

 **APPROVED REFRIGERANT**
R134a

 **POWER SUPPLY**
200 - 240V 50Hz ~

 **STANDARD CONDITIONS**
EN13215_RG20

 **APPLICATION**
HBP

 **COOLING CAPACITY**
1140 W

 **EFFICIENCY**
1.77 W/W

DATA

General Data

Weight	33.5 Kg
Receiver	2.3 L
Height	324 mm
Length	494 mm
Width	395 mm
Power Supply	200 - 240 V 50 Hz / 230 V 60 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	28 A
Max Current	5.99 A

Spare Parts

Condenser	3R12T	2451140
Fan Kit	34W 275/31/5B	1996583
Valve Discharge	FLARE 3/8"	2110056
Valve Suction	FLARE 1/2"	2110057
Compressor	NT6220Z	212CN09..AC
Electrical Kit	ELKOM NT6220Z	212CN0604A

Noise Data

Sound Power Level	70 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62 dB (A)	52.4 dB (A)	42 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	1140 W	643 W	3.27 A	1.77 W/W

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °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	1000	566	2.94	1.77
-10	1255	625	3.18	2.01
-5	1553	677	3.39	2.29
0	1883	733	3.62	2.57
5	2235	800	3.91	2.79
10	2597	887	4.27	2.93

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	910	584	3.04	1.56
-10	1140	643	3.27	1.77
-5	1410	697	3.49	2.02
0	1711	754	3.73	2.27
5	2032	824	4.03	2.46
10	2361	915	4.41	2.58

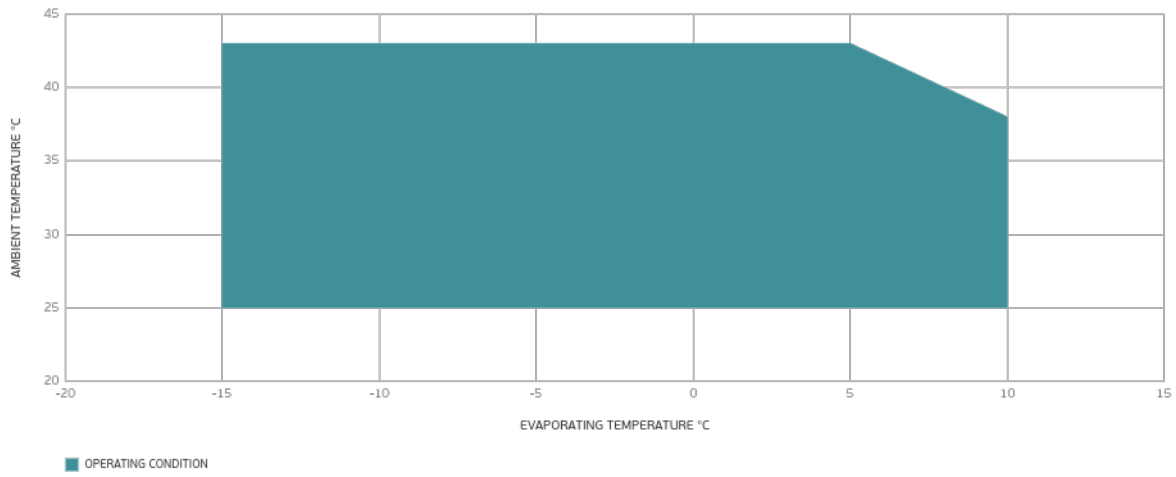
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

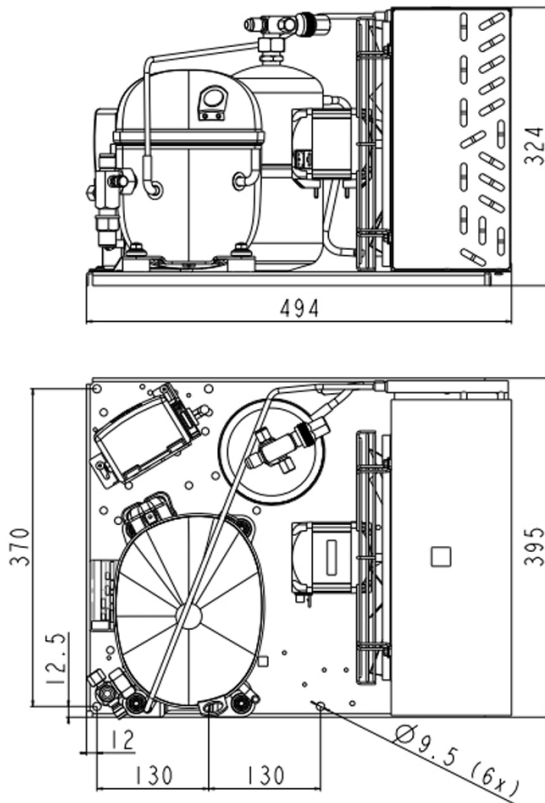
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	728	596	3.08	1.22
-10	935	663	3.35	1.41
-5	1181	726	3.61	1.63
0	1455	795	3.9	1.83
5	1745	877	4.26	1.99
10	2043	981	4.71	2.08

Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 20 °C, Subcooling 3K

Operating Envelope



External Dimensions



Wiring Diagram

