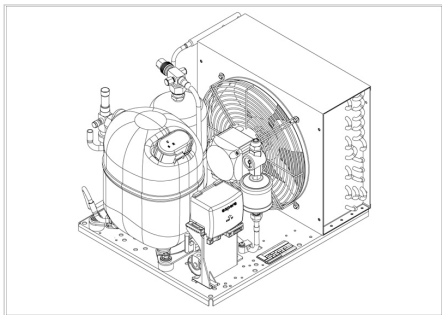




APPROVALS



ENGINEERING CODE

644HAL804AA



APPROVED REFRIGERANT

R513A



POWER SUPPLY

220 - 240V 50Hz ~



STANDARD CONDITIONS

EN13215_RG20



APPLICATION

M/HBP



COOLING CAPACITY

1303 W



EFFICIENCY

1.61 W/W

DATA

General Data

Weight	35.4 Kg
Receiver	2.3 L
Height	324 mm
Length	481 mm
Width	395 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	35 A
Max Current	6.45 A

Spare Parts

Condenser	3R12T	2451140
Fan Kit	34W 275/31/5B	1996583
Valve Suction	SOLDER 1/2"	2110050
Valve Discharge	SOLDER 3/8"	2110049
Dryer	FILTER DRYER 3/8" SAE	2730016
Sight Glass	SIGHT GLASS 3/8" SAE	2464232
Compressor	NJ6220Z	144HA19..AC
Electrical Kit	ELKOM NJ6220Z	144HA1904V

Noise Data

Sound Power Level	72.1 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	64.1 dB (A)	50.1 dB (A)	44.1 dB (A)

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m³/h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	1303 W	810 W	6.19 A	1.61 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	1168	713	5.92	1.64
-10	1449	786	6.11	1.84
-5	1761	870	6.36	2.02
0	2104	965	6.66	2.18
5	2475	1069	7.01	2.31
10	2872	1182	7.39	2.43

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	1045	728	5.98	1.44
-10	1303	810	6.19	1.61
-5	1588	903	6.46	1.76
0	1898	1005	6.79	1.89
5	2231	1116	7.16	2
10	2585	1234	7.56	2.1

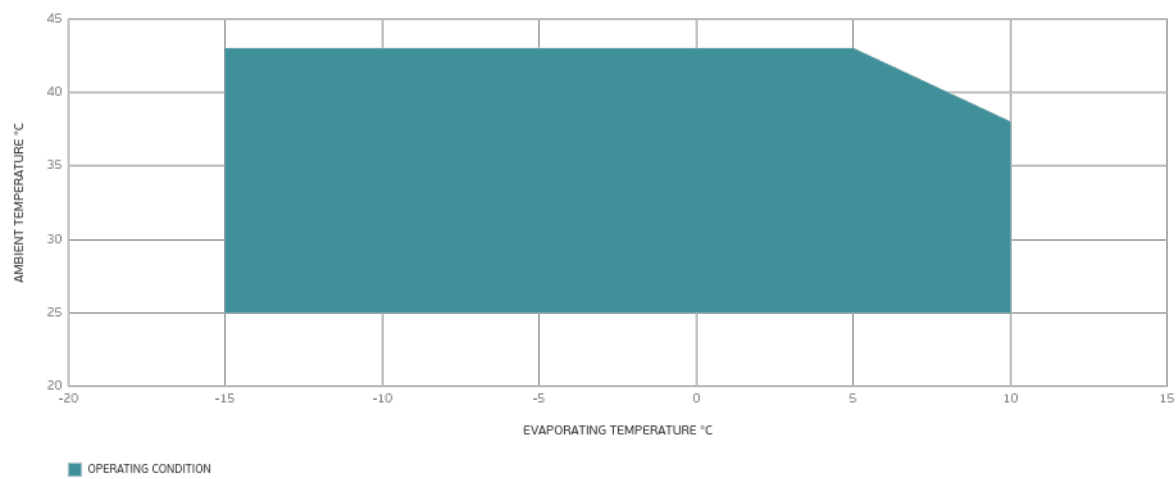
Test Condition EN13215_RG20: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 20 °C, Subcooling 3K

Ambient Temperature 43°C

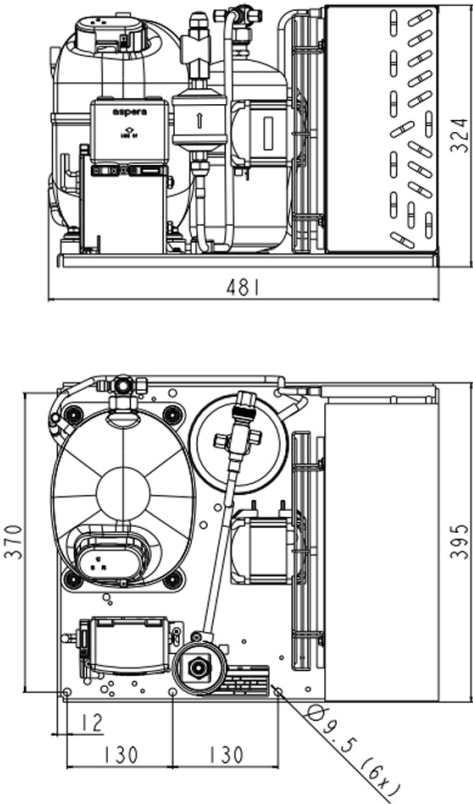
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	841	748	6.03	1.12
-10	1074	842	6.27	1.28
-5	1327	945	6.57	1.41
0	1597	1055	6.92	1.51
5	1881	1173	7.31	1.6
10	2177	1296	7.74	1.68

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

