



APPROVALS



ENGINEERING CODE
643TAG604AA

APPROVED REFRIGERANT
R404A

POWER SUPPLY
220 - 240V 50Hz ~

STANDARD CONDITIONS
ASHRAE

APPLICATION
LBP

COOLING CAPACITY
3305 W

EFFICIENCY
1.38 W/W

DATA

General Data

Weight	82 Kg
Receiver	2.3 L
Height	311 mm
Length	550 mm
Width	1093 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	72 A
Max Current	12.2 A

Spare Parts

Valve Discharge	SOLDER 3/8"	2110049
Condenser	4R11T DOUBLE FAN 254	2451210
Fan Kit	16W 254/28/5B	1996609
Compressor	NJ2212GJ	943EA95..AC
Electrical Kit	ELKOM NJ2212GJ	943EA1164A

Fan Motor

Number	1
Shaft Power	16 W
Air Flow	1325 m ³ /h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	3305 W	2393 W	12.21 A	1.38 W/W

Test Condition ASHRAE: Evaporating temp. -23.30°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
-40	1438	1354	7.78	1.06
-30	2597	1880	9.97	1.38
-25	3360	2205	11.35	1.52
-23	3640	2324	11.87	1.57
-20	4204	2564	12.92	1.64
-15	5096	2952	14.68	1.73
-10	6004	3362	16.6	1.79

Test Condition ASHRAE: Evaporating temp. -23.30°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
-40	1328	1403	8.08	0.95
-30	2357	1937	10.27	1.22
-25	3050	2270	11.68	1.34
-23	3305	2393	12.21	1.38
-20	3819	2641	13.3	1.45
-15	4634	3042	15.12	1.52
-10	5461	3468	17.13	1.57

Test Condition ASHRAE: Evaporating temp. -23.30°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
-40	1020	1487	8.57	0.69
-30	1916	2053	10.88	0.93
-25	2534	2408	12.39	1.05
-23	2762	2539	12.96	1.09
-20	3223	2804	14.14	1.15
-15	3952	3236	16.12	1.22
-10	4688	3698	18.31	1.27

Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

Operating Envelope



