




APPROVALS



 **ENGINEERING CODE**  
569MA8212AA

 **APPROVED REFRIGERANT**  
R404A

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

 **STANDARD CONDITIONS**  
ASHRAE

 **APPLICATION**  
LBP

 **COOLING CAPACITY**  
814 W

 **EFFICIENCY**  
1.41 W/W

DATA

### General Data

Weight	23.8 Kg
Receiver	1.1 L
Height	296 mm
Length	499 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

### Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	22 A
Max Current	4.8 A

## Spare Parts

Valve Suction	FLARE 3/8"	2110059
Valve Discharge	FLARE 1/4"	2110085
Condenser	4R11T	2451217
Compressor	NEU2168GK	959MA51..AN
Fan Kit	16W 254/28/5L	1996609
Electrical Kit	ELKOM NEU2168GK	959MA51M1A

## Fan Motor

Number	1
Shaft Power	16 W
Air Flow	460 m³/h
Blade diameter	254 mm

### PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Efficiency
32.00°C	814 W	577 W	1.41 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	Efficiency W/W
-40	393	372	1.06
-30	664	475	1.4
-25	832	533	1.56
-23	894	554	1.61
-20	1020	597	1.71
-15	1227	669	1.83
-10	1450	751	1.93

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	Efficiency W/W
-40	364	376	0.97
-30	608	489	1.24
-25	759	553	1.37
-23	814	577	1.41
-20	926	625	1.48
-15	1108	705	1.57
-10	1303	797	1.63

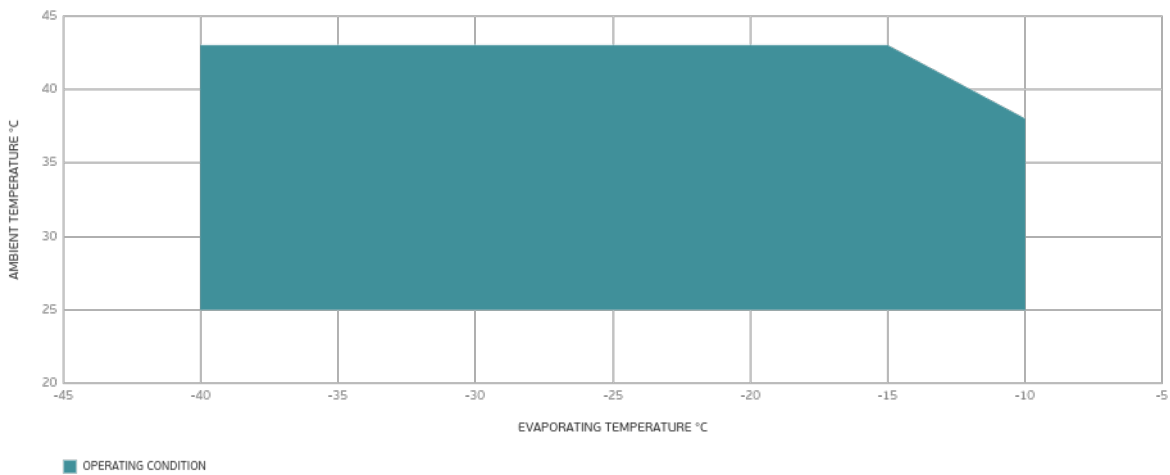
Test Condition ASHRAE: Evaporating temp. -23.30°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Efficiency W/W
-40	285	382	0.75
-30	500	512	0.98
-25	628	587	1.07
-23	674	614	1.1
-20	768	670	1.15
-15	916	764	1.2
-10	1074	870	1.23

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

### Operating Envelope



## Wiring Diagram

