

**APPROVALS**



**ENGINEERING CODE**  
548PM5603AA

**APPROVED REFRIGERANT**  
R134a

**POWER SUPPLY**  
380 - 420V 50Hz ~

**STANDARD CONDITIONS**  
ASHRAE

**APPLICATION**  
M/HBP

**COOLING CAPACITY**  
2470 W

**EFFICIENCY**  
2.43 W/W

DATA

**General Data**

Weight	35.4 Kg
Receiver	2.3 L
Height	324 mm
Length	481 mm
Width	410 mm
Power Supply	380 - 420 V 50 Hz

**Electrical Data**

Motor Type	3PH
Locked Rotor Amperage (LRA)	10.5 A
Max Current	2.28 A

**Spare Parts**

Condenser	3R12T	2451140
Valve Suction	SOLDER 1/2"	2110050
Valve Discharge	SOLDER 3/8"	2110049
Fan Kit	34W/400V 275/31	1996582
Compressor	NJ6220ZX	148HM19..AC

## Noise Data

Sound Power Level	70.3 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	62.3 dB (A)	48.3 dB (A)	42.3 dB (A)

## Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m <sup>3</sup> /h
Blade diameter	275 mm

### PERFORMANCE

## Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	2470 W	1018 W	2.04 A	2.43 W/W

Test Condition ASHRAE: Evaporating temp. 7.20°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
-15	1184	622	1.6	1.9
-5	1788	775	1.73	2.31
0	2143	859	1.82	2.49
5	2534	948	1.92	2.67
7	2717	988	1.97	2.75
10	2960	1040	2.05	2.85

Test Condition ASHRAE: Evaporating temp. 7.20°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
-15	1076	643	1.65	1.67
-5	1627	796	1.78	2.04
0	1949	883	1.87	2.21
5	2304	976	1.98	2.36
7	2470	1018	2.04	2.43
10	2690	1074	2.11	2.5

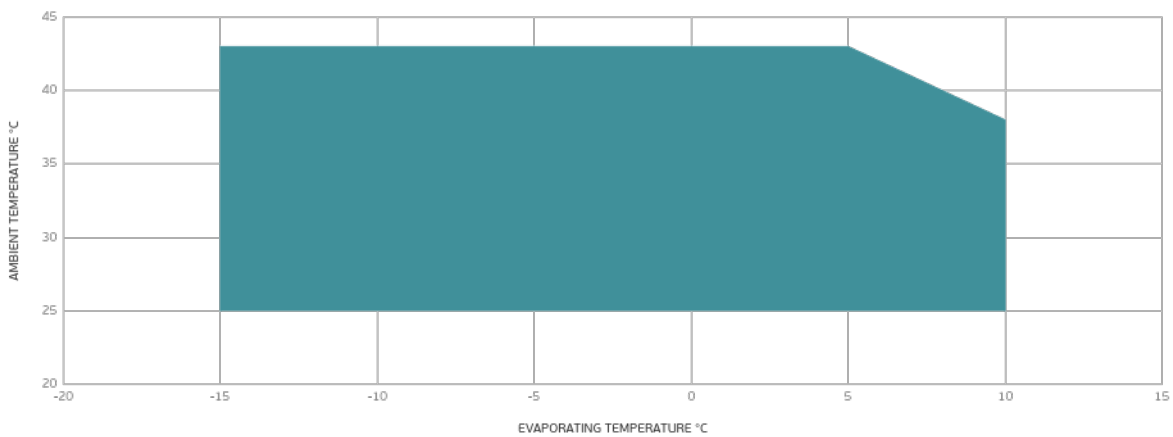
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

### Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-15	889	640	1.65	1.39
-5	1384	817	1.79	1.69
0	1671	920	1.9	1.82
5	1983	1032	2.03	1.92
7	2128	1083	2.09	1.96
10	2321	1152	2.18	2.01

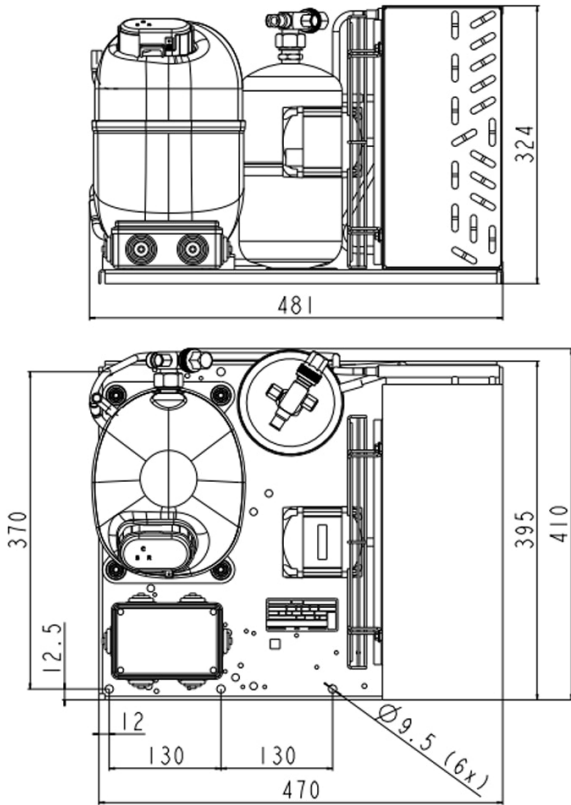
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

### Operating Envelope



■ OPERATING CONDITION

## External Dimensions



## Wiring Diagram

