

China

**ShangHai VehicleAC Industry Co., LTD.**

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# AIR CONDITIONERS COOLAIR



## V-COOL 26 Rooftop Air Conditioning Instruction manual

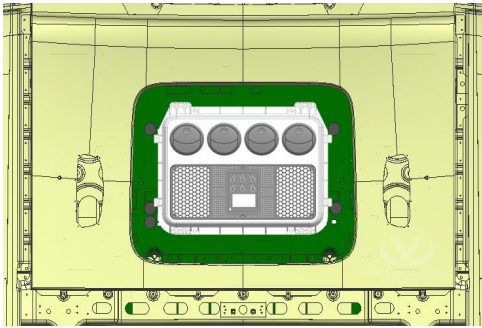


Warm Tip:

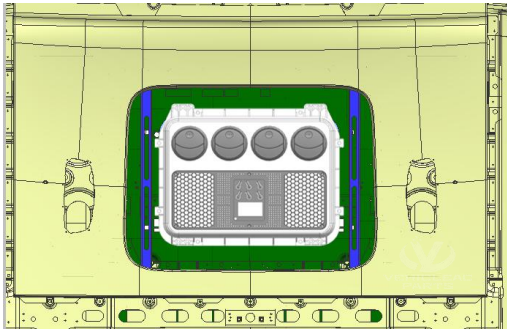
Please read the instructions or contact the manufacturer's professional staff before using the rooftop air conditioner

Warm tip: to ensure a better use of the experience, please use the original vehicle air conditioning before the use of the parking air conditioning quickly before turning on the parking air conditioning, this air conditioning only for parking.

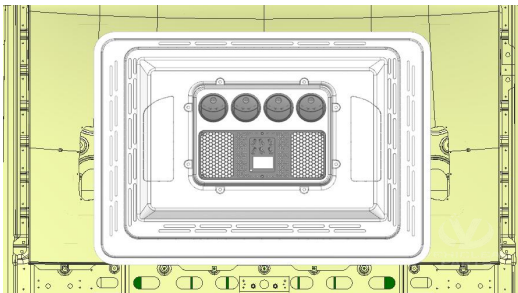
**4. Ready air conditioning units in place according to limiter position**



**5. Installation of pull - lined pressure plate (Torque :15NM)**



**6. Installation of decorative panels**

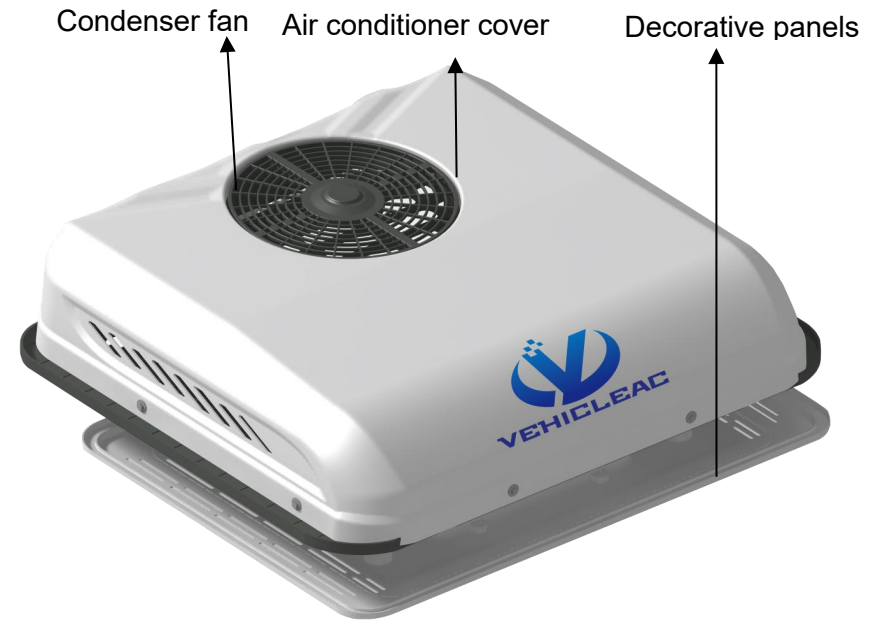


**7. connect the main power cable and signal line connector, start commissioning**

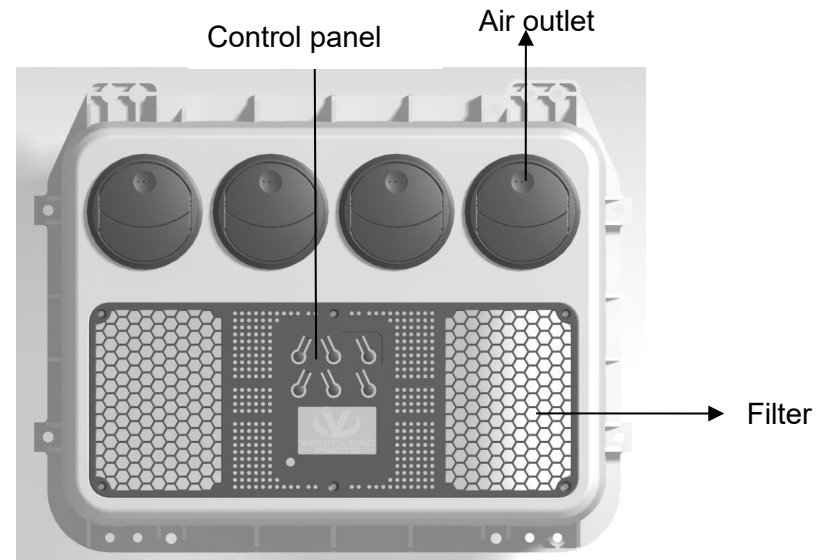
**Remarks: If there is no skylight, the minimum opening size is 600\*300**

**1. Introduction of Whole In-One Rooftop Air Conditioner**

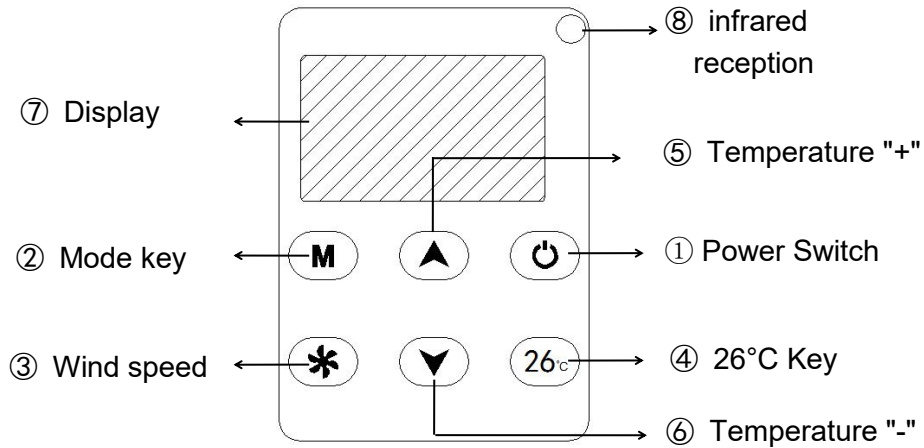
**(1) Outdoor Condenser unit**



**(2) Interior Evaporator Unit**





## 2. Control Panel



- ① Power Switch: turn on or turn off air conditioning;
- ② Mode Key: automatic / cooling / heating, economy mode cycle switching;
- ③ wind speed key :1~3 wind follow bad switch; super mode, can run 4 wind maximum;
- ④ 26°C Key: press it and the air conditioning running at 26°C operation;
- ⑤ Temperature "+": air conditioning set temperature increase;
- ⑥ Temperature "-": Air conditioning set temperature reduction;
- ⑦ Display window: display temperature, voltage, fault code, and display the collected environmental degree under normal conditions.
- ⑧ Infrared reception: receive remote infrared signal.

### Under-voltage protection function

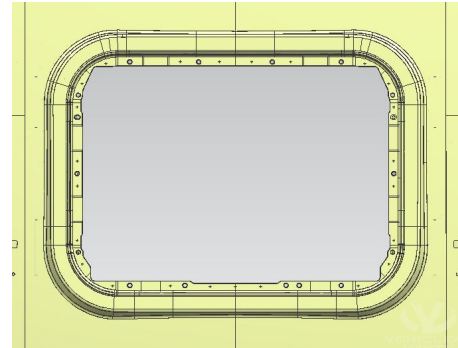
Undervoltage value setting: long press "26°C key" 5 seconds,  battery symbol starts to flicker, adjust "temperature+" and "temperature-" key to adjust the undervoltage protection value, after adjustment, press and hold "26°C key" 5 seconds to confirm the set value;

Under-voltage recovery: after the under-voltage protection of the air-conditioned battery, the battery voltage  $\geq 25.5V$  is needed to relieve the under-voltage protection; after the under-voltage recovery, the  battery symbol will disappear;

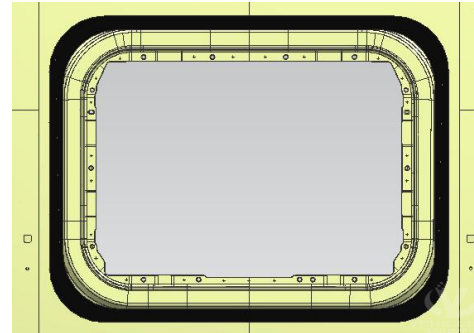
## Attached: Installation of Air-Conditioning Instructions

( Air-Conditioning Picture for reference only )

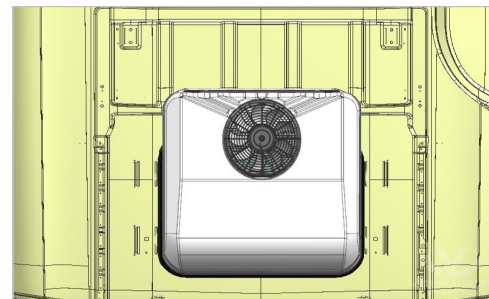
### 1. Clean the skylight surroundings



### 2. Paste Skylight Sealing Sponge



### 3. Install the air conditioner into the skylight



# Warranty Card

Please pay attention to the warranty with this card

## User Profile

Year Month Day

Username		Gender		Age	
Address					
contact number		Postcode			
Place of purchase		Purchase time			
Model & Specification		Body number			
Vehicle license NO.		Vehicle Model			
Dealer signature		User signature			

## Warranty record

Warranty date	Warranty content	Note

## Warranty Clause

1. For the details of the product warranty, please refer to our after-sales notification letter and the Three Guarantees policy.

2 The warranty service is only valid under normal use conditions,

3 All man-made damage, self-disassembly, unpacking, improper use, etc. are not covered by the warranty.

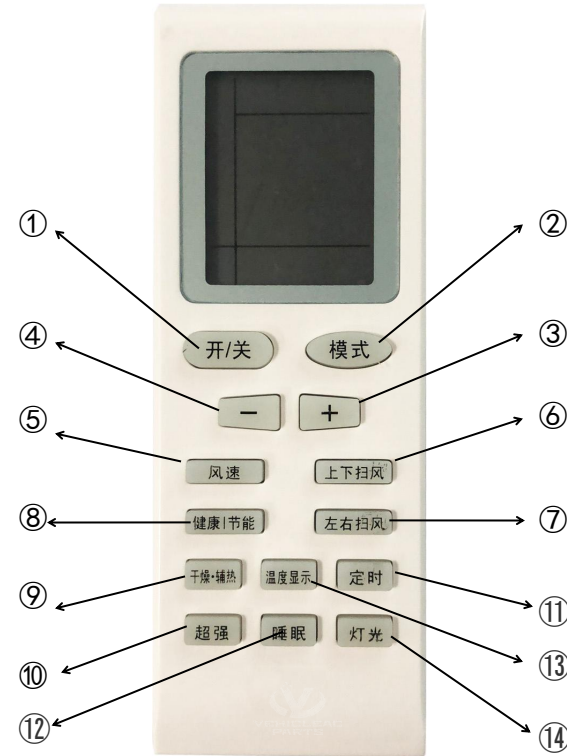
Provide this card, fail to provide this card or alter this card without authorization, the company has the right to make non-warranty treatment

## Warranty Disclaimer

The user must pay attention to safety issues during the installation process. If personal safety issues occur, the user must bear the responsibility

The right of final interpretation and modification of the contents of this warranty card belongs to our company

## Remote Control Description



- ① turn on / off key: press the power switch key, control the air conditioning turn on /off;
- ② mode key: automatic / cooling / heating economy mode cycle switching;
- ③④"+""-": set air conditioning temperature increase, decrease;
- ⑤Wind speed:1~3 grade wind cycle switching; 4 levels of maximum wind can be run in super mode
- ⑥ Up and down sweep wind: Up and down sweep wind mode;
- ⑦ left and right sweep wind: left and right sweep wind mode;
- ⑧energy saving: healthy energy saving mode;
- ⑨ dry & auxiliary heat: drying auxiliary heat mode;
- ⑩ super: super mode ;⑪ timing: set air conditioning timing; ⑫ sleep: sleep mode;
- ⑬Temperature Display: Press to display the current temperature;
- ⑭ Lights: Press the remote control screen to light.

### 3. Performance Parameters

Projects	Units	Parameters	Projects	Units	Parameters
Rated Cooling capacity	W	600-2700	Rated voltage	V	24
Rated power	W	600-1200	refrigerant		R134a
Rated current	A	25-50	Refrigerant Filling	g	600±20
Circulating air volume	M3/h	350-550	Specification size	mm	893*808*175
Energy efficiency ratio	W/W	2.8			

### 4. Installation Steps

Clean the skylight surroundings  $\implies$  Paste Sealing Sponge around the skylight  
 $\implies$  Air conditioning installed into skylight  $\implies$  Air conditioning units in position according to limiter position  $\implies$  Installation of decorative panels  
 $\implies$  Connect main power cable and signal plug

### 5. Installation Notes and Fault Analysis

#### (1) Precautions for Installation

1. The positive red wire should be connected to the positive electrode of the battery (the end of the fuse is connected to the positive electrode of the battery), the negative electrode is directly connected to the negative electrode of the battery.
2. The sponge around the skylight should be pasted flat, do not wrinkle, in order to prevent water leakage after installation of air-conditioning mainframe

#### (2) Failure Analysis without Cooling or Poor Performance

1. Power cord too long, too thin, or poor contact
2. No refrigerant or refrigerant deficiency
3. Uses an energy-efficient model
4. compressor or condensing fan does not work
5. The evaporator or condenser is dirty or clogged

### Disclaimer

1. We provide installation video and installation instructions, users must install strictly in accordance with the video and instructions. If the user fails to install in accordance with the installation video and instructions provided, human failure or damage and other accidents occur, the user shall bear the responsibility, the maintenance and material costs caused by the user shall be paid separately, and VehicelAC will not bear any responsibility.

2. The user must pay attention to safety issues during the installation process, If personal safety issues occur, the user must bear the responsibility.

3. If the user changes the air conditioning privately, the replacement of parts and components that are not the original will cause damage to the air-conditioning equipment and personal safety issues, and the user shall bear the responsibility. VehicelAC will not bear any responsibility.

4. The user is deemed to agree to this disclaimer after purchasing the product

Packing List					
Seri	Name	Quant	Serial	Name	Quan
1	Top air conditioning	1	6	Lining	2
2	Remote control	1	7	Skylight Sealed	1
3	Certificate	1	8	Power harness	1
4	Instructions	1	9	Battery 7	2
5	Screw bag	1	10	Decorative	1
Screw Pack Schedule					
Seri	Name	Quant	Serial	Name	Quan
1	M8 bomb pad	4	6	Big belt	15
2	M8 Non-slip Flange	4	7	Fastener seat	5
3	Gasket M8*25*1.5	4	8	Little belt	15
4	M6*150 full tooth	8	9	Gasket	8
5	M6 flange nuts	8			