



**USER MANUAL**  
**AYM-07B**

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This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

# Explanation of Symbols

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**DANGER**

Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



**WARNING**

Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



**CAUTION**

Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.

***NOTICE***

Indicates important but not hazard-related information, used to indicate risk of property damage.



Indicates a hazard that would be assigned a signal word **WARNING** or **CAUTION**.



Appliance filled with flammable gas R32.



Before install and use the appliance, read the owner's manual first.



Before repair the appliance, read the service manual first.

## The Refrigerant

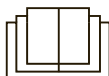
- To realize the function of the air conditioner unit, a special refrigerant circulates in the system. The used refrigerant is the fluoride R32, which is specially cleaned. The refrigerant is flammable and inodorous. Furthermore, it can lead to explosion under certain conditions. But the flammability of the refrigerant is very low. It can be ignited only by fire.
- Compared to common refrigerants, R32 is a nonpolluting refrigerant with no harm to the ozonosphere. The influence upon the greenhouse effect is also lower. R32 has got very good thermodynamic features which lead to a really high energy efficiency. The units therefore need a less filling.

### WARNING:

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacture. Should repair be necessary, contact your nearest authorized Service Centre. Any repairs carried out by unqualified personnel may be dangerous. The appliance shall be stored in a room without continuously operating ignition sources. (for example: open flames, an operating gas appliance or an operating electric heater.) Do not pierce or burn.

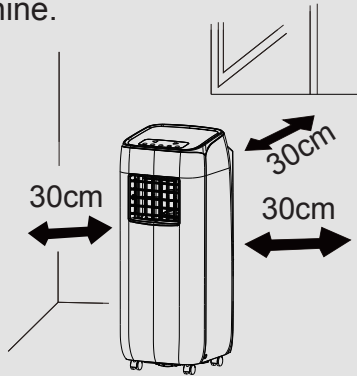
Appliance shall be installed, operated and stored in a room with a floor area larger than 4m<sup>2</sup>.

Appliance filled with flammable gas R32. For repairs, strictly follow manufacturer's instructions only. Be aware that refrigerants not contain odour. Read specialist's manual.



## Operation Environment

- The air conditioner must be operated within the temperature range: 16°C ~ 35°C.
- The appliance is for indoor use only.
- The appliance must be positioned so that the plug is accessible.
- This air conditioner can only be used for family, not for commercial industry.
- Reserved space around the air conditioner should be 12"(30cm) at least.
- Do not operate the air conditioner at humid environment.
- Please keep air inlet and air outlet clean, no obstacles.
- During operation, close doors and windows to improve cooling effect.
- Please put the air conditioner at smooth and flat ground for operation to avoid noise and vibration.
- This air conditioner is equipped with castors. Castors should slide at smooth and flat ground.
- Prohibit inclining or turning over the air conditioner. If there's abnormality, please disconnect power immediately and contact dealer.
- Avoid direct sunshine.



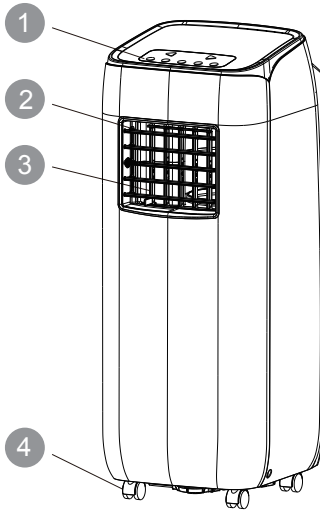
## Safety Warning

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.

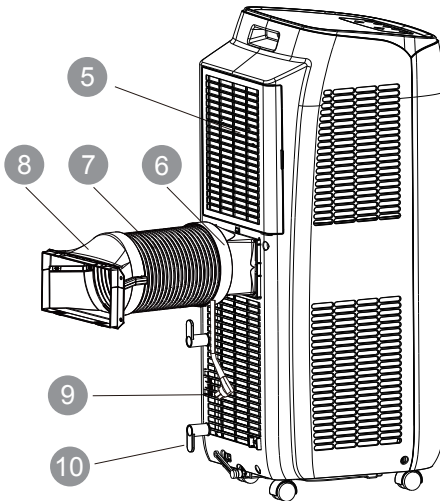
## Safety Warning

- Cleaning and user maintenance shall not be made by children without supervision.
- Before operation, please confirm whether power specification complies with that on nameplate.
- Before cleaning or maintaining the air conditioner, please turn off air conditioner and pull out the power plug.
- Make sure the power cord hasn't been pressed by hard objects.
- Do not pull or drag the power cord to pull out the power plug or move the air conditioner.
- Do not insert or pull out the power plug with wet hands.
- Please use the grounded power. Make sure the grounding is reliable.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- If the power cord is damaged, it must be replaced by manufacturer or professional person.
- If abnormal condition occurs (e.g. burned smell), please disconnect power at once and then contact local dealer.
- When nobody is taking care of the unit, please turn it off and remove the power plug or disconnect power.
- Do not splash or pour water on air conditioner. Otherwise, it may cause short circuit or damage to air conditioner.
- If drainage hose is used, ambient temperature can't be lower than 0°C. Otherwise, it will cause water leakage to air conditioner.
- Prohibit operating heating equipment around the air conditioner.
- Far away from fire source, inflammable and explosive objects.
- Children and disabled people are not allowed to use the portable room air conditioner without supervision.
- Keep children from playing or climbing on the air conditioner.
- Do not put or hang dripping objects above the air conditioner.
- Do not repair or disassemble the air conditioner by yourself.
- Prohibit inserting any objects into the air conditioner.
- Do not use an extension cord.
- The fuse style:T3.15AH250V;Allowed maximal current pass through the fuse can not above 3.15A.

# Part's Name



- 1 Controller panel
- 2 Guide louver
- 3 Swing louver
- 4 Castor
- 5 Filter
- 6 Joint
- 7 Heat discharge pipe
- 8 Window adapter
- 9 Plug of power cord
- 10 Wire-fixing hook



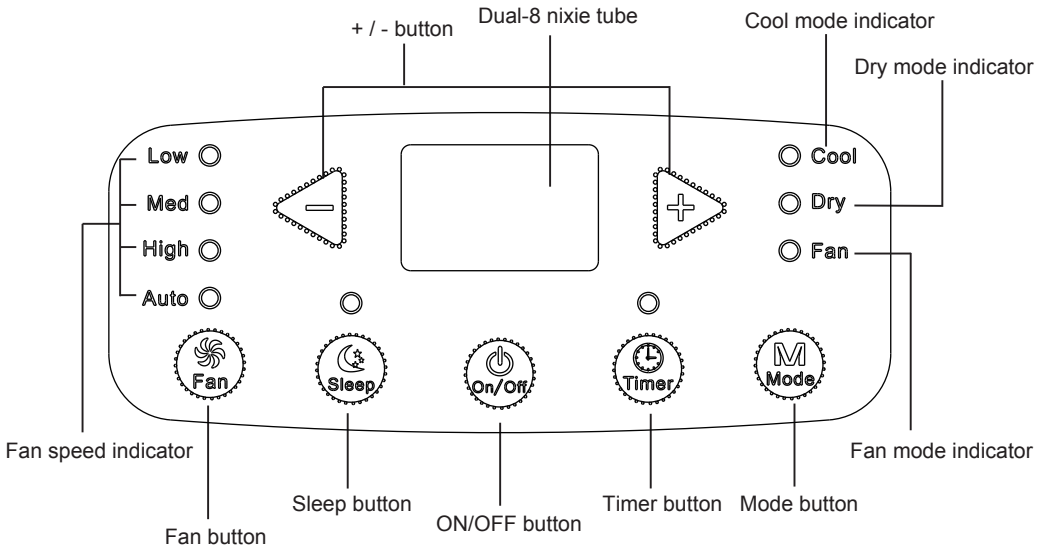
Remote controller

## **NOTICE:**

Heat discharge pipe and other installation accessories can't be discarded.

# Operation Introduction for Control Panel

## Name of control panel



## Operation of control panel

### Note:

- After putting through the power, the air conditioner will give out a sound. After that, you can operate the air conditioner by the control panel.
- Under ON status, after each pressing of the button on control panel, the air conditioner will give out a sound. Meanwhile, corresponding indicator on control panel will be bright.
- Under OFF status, dual-8 nixie tube on control panel won't display.  
Under ON status, dual-8 nixie tube on control panel will display set temperature under cooling mode, while it won't display under other modes.

### 1 ON/OFF button

Pressing this button can turn on or turn off the air conditioner.

### 2 + / - button

Under cooling mode, press "+" or "-" button to increase or decrease set temperature by 1°C(°F). Set temperature range is 16°C(61°F)~30°C(86°F). Under auto, drying or fan mode, this button is invalid.



# Operation Introduction for Control Panel

## 3 Mode button

Press this button and the mode will circulate according to below sequence:

COOL→DRY→FAN

**COOL:** Under this mode, cooling mode indicator is bright. Dual-8 nixie tube displays set temperature. Temperature setting range is 16°C~30°C.

**DRY:** Under this mode, drying mode indicator is bright. Dual-8 nixie tube won't display.

**FAN:** Under this mode, the air conditioner only blow fan. Fan indicator is bright. Dual-8 nixie tube won't display.

## 4 Fan button

Press this button and the fan speed will circulate as "low speed→ medium speed → high speed→ auto fan→ low speed".

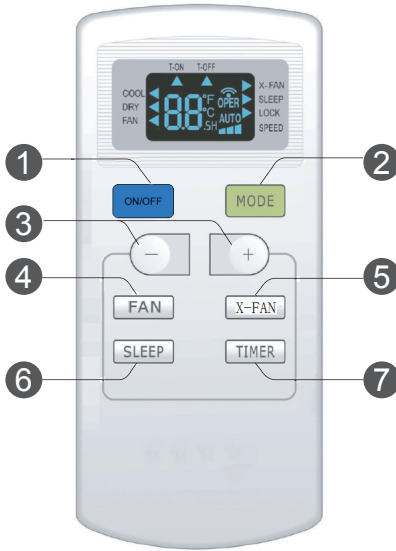
## 5 Timer

Press timer button to enter into timer setting mode. Under this mode, press " + " or " - " button to adjust the timer setting. Timer setting will increase or decrease 0.5 hour by pressing " + " or " - " button within 10 hours, while timer setting will increase or decrease 1 hour by pressing " + " or " - " button beyond 10 hours. After timer setting is finished, the unit will display temperature if there's no operation for 5s. If timer function is started up, the upper indicator will keep the display status. Others, it won't be displayed. Under timer mode, press timer button again to cancel timer mode.

## 6 Sleep

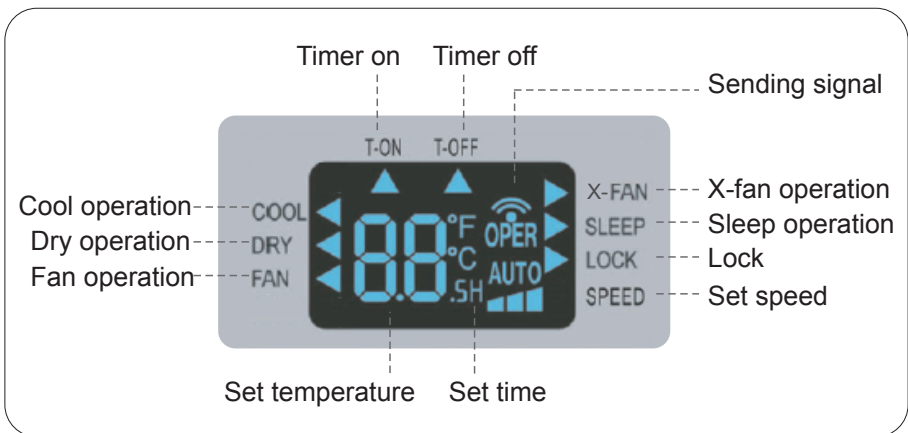
Press sleep button to enter into sleep mode. If the controller operates at cooling mode, after sleep mode is started up, preset temperature will increase by 1°C within 1 hour ;preset temperature will increase by 2°C within 2 hours and then the unit will operate at this temperature all the time; Sleep function is not available for fan mode, drying mode. If sleep function is started up, the upper indicator will keep the display status. Others, it won't be displayed.

# Buttons on Remote Controller



- ① ON/OFF button
- ② MODE button
- ③ +/- button
- ④ FAN button
- ⑤ X-FAN button
- ⑥ SLEEP button
- ⑦ TIMER button

# Introduction for Icons on Display Screen



# Introduction for Buttons on Remote Controller

## Note:

- This is a general use remote controller, it could be used for the air conditioners with multifunction; For some function, which the model doesn't have, if press the corresponding button on the remote controller that the unit will keep the original running status.
- After putting through the power, the air conditioner will give out a sound. Operation indicator "⏻" is ON (red indicator). After that, you can operate the air conditioner by using remote controller.
- Under on status, pressing the button on the remote controller, the signal icon "📶" on the display of remote controller will blink once and the air conditioner will give out a "de" sound, which means the signal has been sent to the air conditioner.
- Under off status, set temperature and clock icon will be displayed on the display of remote controller (If timer on, timer off and light functions are set, the corresponding icons will be displayed on the display of remote controller at the same time); Under on status, the display will show the corresponding set function icons.

## 1 ON/OFF button

Press this button to turn unit on/off.

## 2 MODE button

Pressing this button once can select your required mode circularly as below (the corresponding icon "◀" will be lit up after the mode is selected):



- When selecting cool mode, air conditioner will operate under cool mode. Then press + or - button to adjust set temperature. Press FAN button to adjust fan speed.
- When selecting dry mode, air conditioner will operate at low fan speed under dry mode. In dry mode, fan speed can't be adjusted.
- When selecting fan mode, air conditioner will operate in fan mode only. Then press FAN button to adjust fan speed.

## 3 + / - button

- Pressing + or - button once will increase or decrease set temperature by 1°F(°C). Holding + or - button for 2s, set temperature on remote controller will change quickly. Release the button after your required set temperature is reached.
- When setting Timer On or Timer Off, press + or - button to adjust the time. (See TIMER Button for setting details)

# Introduction for Buttons on Remote Controller

## 4 FAN button

Pressing this button can select fan speed circularly as: AUTO, SPEED 1 (▲), SPEED 2 (▲▲), SPEED 3 (▲▲▲).



### Note:

- Under Auto speed, air conditioner will select proper fan speed automatically according to ambient temperature.
- Fan speed can't be adjusted under Dry mode.

## 5 X-FAN button

Press this button under cool and dry mode to start up x-fan function. Press this button again to cancel x-fan function.

### Note:

- When x-fan function is on, if the air conditioner is turned off, indoor fan will still operate at low speed for a while to blow the residual water inside the air duct.
- During x-fan operation, press X-FAN button to turn off x-fan function. Indoor fan will stop operation immediately.

## 6 SLEEP button

Under Cool mode, press this button to turn on Sleep function. Press this button to cancel Sleep function. Under Fan mode, this function is unavailable.

## 7 TIMER button

- When unit is on, press this button to set Timer Off. T-OFF and H icon will be blinking. Within 5s, press + or - button to adjust the time for Timer Off. Pressing + or - button once will increase or decrease the time by 0.5h. Holding + or - button for 2s, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-OFF and H icon will stop blinking.
- When unit is off, press this button to set Timer On. T-ON and H icon will be blinking. Within 5s, press + or - button to adjust the time for Timer On. Pressing + or - button once will increase or decrease the time by 0.5h. Holding + or - button for 2s, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-ON and H icon will stop blinking.
- Cancel Timer On/Off: If Timer function is set up, press TIMER button once to review the remaining time. Within 5s, press TIMER button again to cancel this function.

# **Introduction for Buttons on Remote Controller**

## **Note:**

- Timer setting range: 0.5~24h
- The interval between two motions can't exceed 5s, otherwise the remote controller will exit setting status.

# **Function Introduction for Combination Buttons**

## **Child lock function**

Pressing “+” and “-” buttons simultaneously can turn on or turn off child lock function. When child lock function is started up, LOCK indicator on remote controller is ON. If you operate the remote controller, remote controller won't send signal.

## **Temperature display switchover function**

Under OFF status, pressing “-” button and “MODE” button simultaneously can switch between °C and °F.


## **Light function**

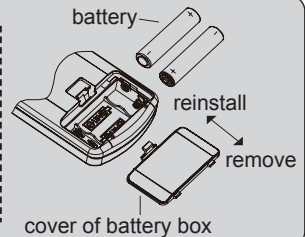
Under switch-on or switch-off state, you may hold "+" and "FAN" buttons simultaneously for 3 seconds to set the lamp on or off and send the code. After being energized the lamp is defaulted on.

## Operation Guide

1. After putting through the power, press "ON/OFF" button on remote controller to turn on the air conditioner.
2. Press "MODE" button to select your required mode: COOL, DRY, FAN.
3. Press "+" or "-" button to set your required temperature. (Temperature can't be adjusted under auto mode).
4. Press "FAN" button to set your required fan speed: auto, low, medium and high speed.

## Replacement of Batteries in Remote Controller

1. Press the back side of remote controller on the spot marked with "", and then push out the cover of battery box along the arrow direction.
2. Replace two No.7 (AAA 1.5V) dry batteries and make sure the positions of + and - polar are correct.
3. Reinstall the cover of battery box.



### NOTICE

- During operation, point the remote control signal sender at the receiving window on the unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to the unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.
- If the display on remote controller is fuzzy or there's no display, please replace batteries.

# Clean and Maintenance

## ⚠ WARNING

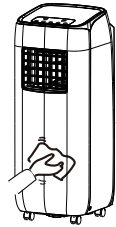
- Before cleaning the air conditioner, please turn off the unit and disconnect power. Otherwise, it may cause electric shock.
- Do not wash air conditioner with water. Otherwise, it may cause electric shock.
- Do not use volatile liquid (such as thinner or gas) to clean the air conditioner. Otherwise, it may damage the appearance of air conditioner.

## Clean outer case and grille

### Clean outer case:

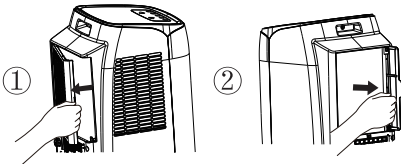
If there's dust on the surface of outer case, please use soft towel to wipe it. If the outer case is very dirty (such as grease), please use neutral abluent to wipe it.

**Clean grille:** Use cleaner or soft brush to clean it.



## Clean filter

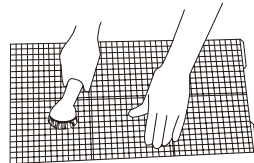
### 1 Remove the filter



### 2

### Clean filter

Use cleaner or water to clean the filter. If the filter is very dirty (such as grease), use warm water 40°C (104°F) melted with neutral abluent to clean it and then put at shady place to dry it.



### 3

### Install filter

After the filter is cleaned and dried, reinstall it well.

## NOTICE

- The filter should be cleaned about once every three months. If there's much dust in the operation environment, you can increase clean frequency.
- Do not dry the filter with fire or hair drier. Otherwise, it may be deformed or catch fire.

# Clean and Maintenance

## Clean heat discharge pipe

Remove the heat discharge pipe from air conditioner, clean and dry it , and then reinstall it. (For the method of installation and removal , please refer to the instruction for "Installation and disassembly of heat discharge pipe").

## Checking before use-season

1. Check whether air inlets and air outlets are blocked.
2. Check whether plug and socket are in good condition.
3. Check whether filter is clean.
4. Check whether batteries are installed in remote controller.
5. Check whether joint, window bracket and heat discharge pipe are installed tightly.
6. Check whether heat discharge pipe is damaged.

## Checking after use-season

1. Disconnect power supply.
2. Clean filter and outer case.
3. Remove dust and sundries on the air conditioner.
4. Eliminate accumulated water in chassis (refer to the section of "Drainage way" for details).
5. Check whether window bracket is damaged or not. If yes, please contact dealer.

## Long-time storage

If you don't use the air conditioner for a long time, please maintain it by following steps for good performance:

- Make sure there's no accumulated water in chassis and the heat discharge pipe is disassembled.
- Pull out the plug and wrap the power cord.
- Clean the air conditioner and pack it well to prevent dust.

## Notice for recovery

- Many packing materials are recyclable materials. Please deal with them through local recycle bin.
- If you want to throw away the air conditioner, please contact local division or consultant service center for the correct disposal method.



# Malfunction Analysis

Please check below items before asking for maintenance. If the malfunction still can't be eliminated, please contact local dealer or qualified professionals.

Phenomenon	Troubleshooting	Solution
Air conditioner can't operate	● Power failure?	● Wait after power recovery.
	● Is plug loose?	● Reinsert the plug.
	● Whether the air switch is tripped off or fuse is burnt?	● Ask professional person to replace air switch or fuse.
	● Is there's malfunction for the circuit?	● Ask professional person to replace circuit.
	● Whether the unit is restarted up after stopping immediately?	● Wait for 3min, and then turn on the unit again.
Poor cooling (heating)	● Is the power too low?	● Wait after voltage is resumed.
	● Whether the air filter is too dirty?	● Clean the air filter.
	● Whether the set temperature is proper?	● Adjust the temperature.
	● Whether door and window are closed?	● Close door and window.
Air conditioner can't receive signal from remote controller or remote controller is not sensible.	● Whether the unit is interfered seriously (such as static pressure, unstable voltage)?	● Please pull out the plug. Insert the plug after about 3min, and then turn on the unit.
	● Whether remote controller is within the receiving range?	● The receiving range of remote controller is 8m. Do not exceed this range.
	● Whether it's blocked by obstacles?	● Remove the obstacles.
	● Is sensitivity of remote controller low?	● Check the batteries of remote controller. If the power is low, please replace the batteries.
	● Whether there's fluorescence lamp in the room?	● Move the remote controller close to air conditioner. ● Turn off the fluorescence lamp and try it again.

# Malfunction Analysis

Phenomenon	Troubleshooting	Solution
No fan blowed out from air conditioner	<ul style="list-style-type: none"> <li>• Whether air outlet or air inlet is blocked?</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminate the obstacles.</li> </ul>
	<ul style="list-style-type: none"> <li>• Under heating mode, whether indoor temperature ireaches set temperature?</li> </ul>	<ul style="list-style-type: none"> <li>• The unit will stop blowing fan after reaching set temperature.</li> </ul>
	<ul style="list-style-type: none"> <li>• Whether heating mode is started up just now?</li> </ul>	<ul style="list-style-type: none"> <li>• In order to prevent cold air, air conditioner will delay for a while to be started up, which is the normal phenomenon.</li> </ul>
	<ul style="list-style-type: none"> <li>• Whether evaporator is defrosted? (observe it by pulling out the filter)</li> </ul>	<ul style="list-style-type: none"> <li>• It's the normal phenomenon. Air conditioner is defrosting. After defrosting is finished, it will resume operation.</li> </ul>
Set temperature can't be adjusted.	<ul style="list-style-type: none"> <li>• Whether the unit operates under auto mode?</li> </ul>	<ul style="list-style-type: none"> <li>• Temperature can't be adjusted under auto mode.</li> </ul>
	<ul style="list-style-type: none"> <li>• Whether the required temperature exceeds the temperature setting range?</li> </ul>	<ul style="list-style-type: none"> <li>• Temperature setting range: 16°C-30°C .</li> </ul>
There's off flavour	<ul style="list-style-type: none"> <li>• There's off-flavour source in the room, such as furniture, cigarette etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminate the off-flavour source.</li> <li>• Clean the filter.</li> </ul>
There's abnormal sound during operation	<ul style="list-style-type: none"> <li>• Whether the unit is interfered by thunder, radio, etc?</li> </ul>	<ul style="list-style-type: none"> <li>• Disconnect power, put through the power again, and then turn on the unit again.</li> </ul>
You can heard water-flowing sound	<ul style="list-style-type: none"> <li>• Whether the unit is turned on or turned off just now?</li> </ul>	<ul style="list-style-type: none"> <li>• There's flowing sound of refrigerant inside the air conditioner, which is the normal phenomenon.</li> </ul>
You can heard the sound of "PAPA"	<ul style="list-style-type: none"> <li>• Whether the unit is turned on or turned off just now?</li> </ul>	<ul style="list-style-type: none"> <li>• Heat expansion or shrinkage for the panel due to change of temperature, which cause friction sound.</li> </ul>

# Malfunction Analysis

## Malfunction code

H8	Chassis is full of water.	<ol style="list-style-type: none"> <li>1. Pour out the water inside chassis.</li> <li>2. If "H8" still exists, please contact professional person to maintain the unit.</li> </ol>
F1	Malfunction of ambient temperature sensor.	Please contact professional person to deal with it.
F2	Malfunction of evaporator temperature sensor.	Please contact professional person to deal with it.
F0	<ol style="list-style-type: none"> <li>1.Refrigerant is leaking</li> <li>2.System is blocked</li> </ol>	<ol style="list-style-type: none"> <li>1. Re-energize the unit after turning off and pulling out the plug for 30min;</li> <li>2. If there's still malfunction, please contact after-sales service.</li> </ol>
H3	Overload protection for compressor	<ol style="list-style-type: none"> <li>1.Check if the unit is under high-temperature and high-humidity environment; if ambient temperature is too high, power off the unit and then energize it for operation after the ambient temperature drops to 35℃ below.</li> <li>2. Check if the evaporator and condenser are blocked by some objects; if yes, take away the objects, power off the unit and then energize it for operation.</li> <li>3. If the malfunction still occur, please contact our after-sales service center.</li> </ol>
E8	Overload malfunction	
F4	Outdoor tube temperature sensor is open/short-circuited.	Please contact after-sale service person to deal with it.



## WARNING

- If there're following phenomenon, please turn off the air conditioner and disconnect the power immediately, and then contact dealer immediately.
  - Power cord is overheating or damaged.
  - Abnormal sound during operation.
  - Off-flavor.
  - Water leakage
- Do not repair or refit the air conditioner by yourself.
- If operate the air conditioner under abnormal condition, it may cause malfunction, electric shock or fire hazard.

# Installation Precaution



## WARNING

- Observe all governing codes and ordinances.
- Do not use damaged or non-standard power cord.
- Be caution during installation and maintenance. Prohibit incorrect operation to prevent electric shock, casualty and other accidents.

## Selection of installation location

### Basic requirement

Installing the unit in the following places may cause malfunction. If it is unavoidable, please consult the local dealer:

1. The place with strong heat sources, vapors, flammable or explosive gas, or volatile objects spread in the air.
2. The place with high-frequency devices (such as welding machine, medical equipment).
3. The place near coast area.
4. The place with oil or fumes in the air.
5. The place with sulfureted gas.
6. Other places with special circumstances.

### Requirement of air conditioner

1. Air inlet should be far away from obstacles and do not put any objects near air outlet. Otherwise, it will affect the radiation of heat discharge pipe.
2. Select a location where the noise and outflow air emitted by the outdoor unit will not affect neighborhood.
3. Please try your best to keep far away from fluorescent lamp.
4. The appliance shall not be installed in the laundry.

## Requirements for electric connection



### WARNING:

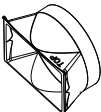
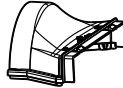

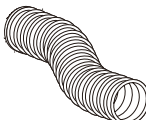

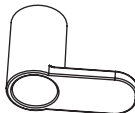




#### Safety precaution

1. Must follow the electric safety regulations when installing the unit.
2. According to the local safety regulations, use qualified power supply circuit.
3. For appliances with type Y attachment, the instructions shall contain the substance of the following. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
4. Properly connect the live wire, neutral wire and grounding wire of power socket.
5. Be sure to cut off the power supply before proceeding any work related to electricity and safety.
6. Do not put through the power before finishing installation.
7. The air conditioner is first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
8. The yellow-green wire or green wire in air conditioner is grounding wire, which can't be used for other purposes.
9. The grounding resistance should comply with national electric safety regulations.
10. The appliance shall be installed in accordance with national wiring regulations.

# Preparation before Installation

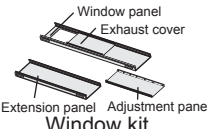



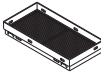


**Note:** check if the accessories are available before installation.

## Accessory list

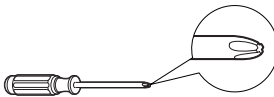

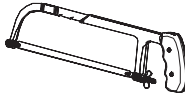
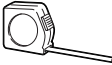


				
Joint	Window adapter(top)	Window adapter(bottom)	heat discharge pipe	Adapter
				
wire hook	screw	remote controller	battery (AAA 1.5V)	user's manual

## Optional

**Note:** some models are without the following accessories.

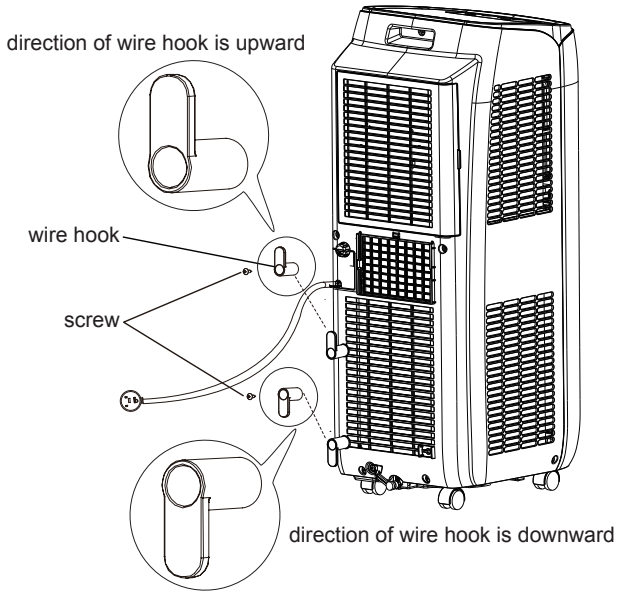
						
Window kit	Rain guard	Foam seal A	Foam seal B (adhesive type)	Insect guard net	screw	Bracket

## Tools needed for installation

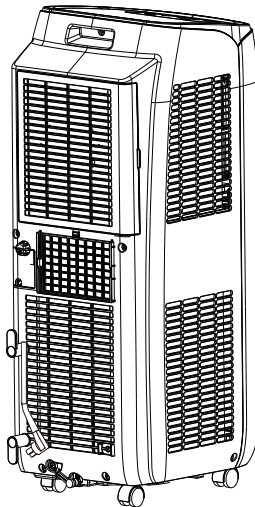
		
cross screwdriver	straight screwdriver	saw
		
gauge	scissors	pencil

# Install Wire Hook

- Assemble the wire hook at the back of the unit with screws (the direction of wire hook is as shown in following fig).



- Wind the power cord around the wire hook.



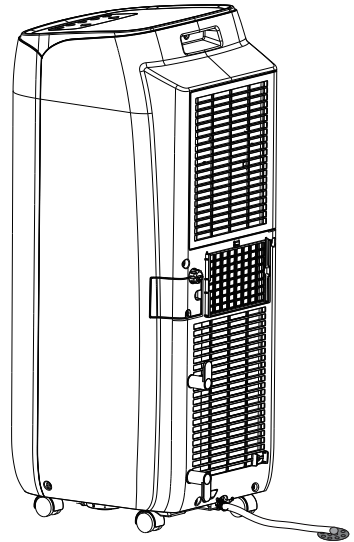
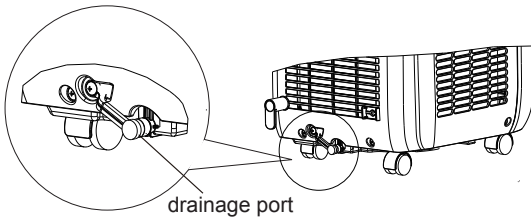
# Removing Collected Water

There are 2 ways to remove collected water:

## 1 Use the continuous drainage option from the bottom hole

■ Drainage way as follows.

1. In cooling or drying operation, the condensation water will be drained to the chassis and spattered by water-striking motor. As the temperature of condenser is high, most of the condensation water will be evaporated and drained to outdoor. So usually, only a little condensation water will be accumulated inside the chassis and you do not need to discharge the water frequently.
2. When the chassis is full with water, the buzzer will give out 8 sounds and "H8" is displayed to remind user to discharge water:
  - Move the unit to a suitable place for discharging water; do not tilt the unit and keep it horizontal during moving;
  - Remove the rubber plug at drainage port to discharge water;
  - Put back the rubber plug onto drainage port after finishing discharging water.
  - After full water protection is eliminated and the compressor has been stopped for 3 minutes, the unit will resume operation.

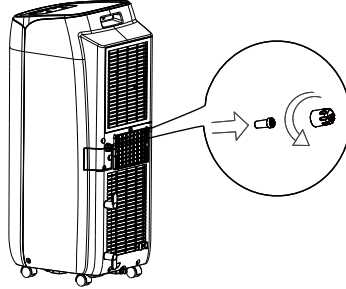


# Removing Collected Water

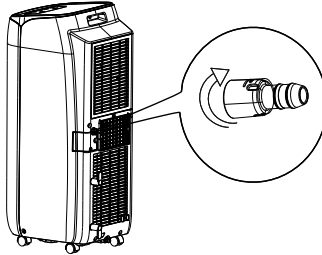
## 2 Use the continuous drainage option from the middle hole

**Note:**Water can be automatically emptied into a floor drain by attaching 14mm inner diameter hose (not included).

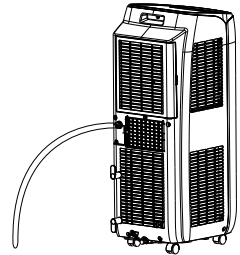
1. Remove the continuous drain cap 1 by turning it counter clockwise then remove the rubber stopper 2 from the spout.



2. Screw the drain connector to (included in the package) the spout by turning clockwise.

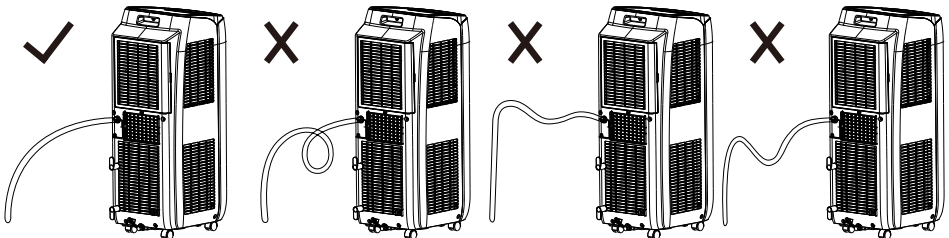


3. Insert the drainage hose into drain connector.



### ATTENTION:

When using continuous drainage option from the middle hole, place portable on a level surface and make sure garden hose is clear of any obstructions and is directed downward. Placing portable on an uneven surface or improper hose installation may result in water filling up the chassis and causing the unit to shut off. Empty water in the chassis if shut off occurs, then check portable location and hose for proper setup.

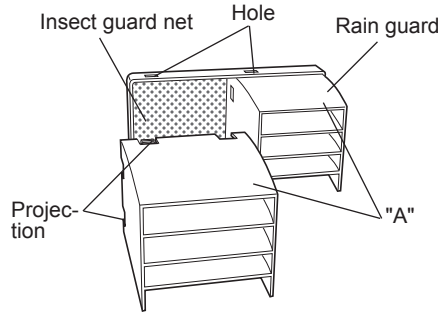




# Installation in a double-hung sash window(Optional)

1. Connect the rain guards to the insect guard net.

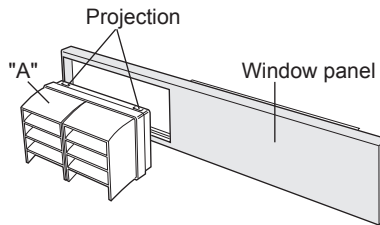
Insert all three projections on each rain guard into the holes in the insect guard net. Side "A" will now be at the top, as indicated in the diagram.



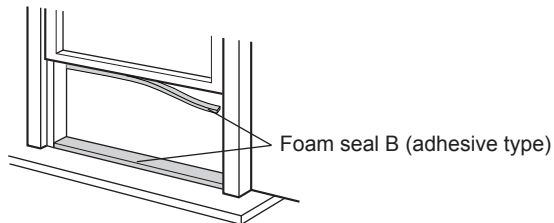
2. Attach the guard combined above to the window panel.

Push the insect guard net firmly to ensure that its four projections fit into the holes in the window panel.

Side "A" will now be at the top, as indicated in the diagram.



3. Cut the Foam seal B (adhesive type) to the proper length and attach it to the window stool and to the bottom of sash.



4. Attach the window panel to the window stool.

Make sure that the exhaust cover is attached to the window panel.

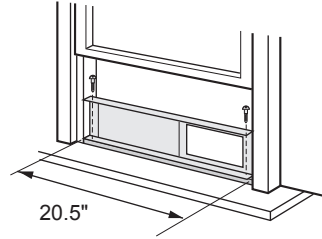
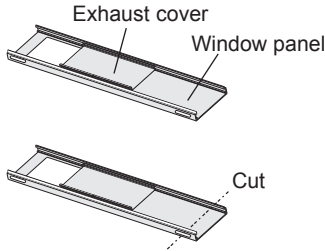
Inner width of the window:20.5"(520mm)

Use the window panel.

# Installation in a double-hung sash window(Optional)

The window panel cannot be installed in windows less than 20.5" (520mm) wide, as you will be unable to shut the exhaust cover.

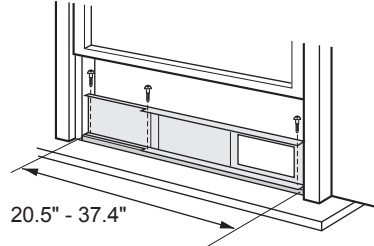
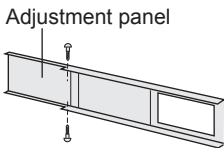
- (1) Open the window sash and place the window panel on the window sill.
- (2) Secure the window panel to the window stool with screws.



Inner width of the window: 20.5" (520mm) - 37.4" (950mm)

Use the window panel and the adjustment panel.

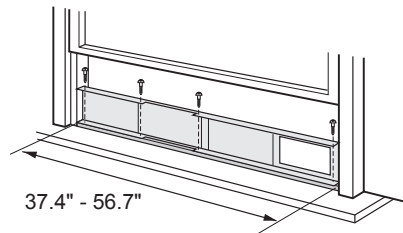
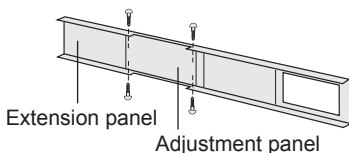
- (1) Open the window sash and place the window panel on the window sill.
- (2) Slide the adjustment panel to fit the window frame width.
- (3) Secure the window panel to the sill with screws.



Inner width of the window: 37.4" (950mm) - 56.7" (1440mm)

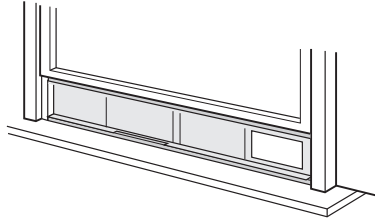
Use the window panel, the adjustment panel and the extension panel.

- (1) Open the window sash and place the window panel on the window sill.
- (2) Slide the adjustment and extension panels to fit the window frame width.
- (3) Secure the window panel to the window sill with screws.

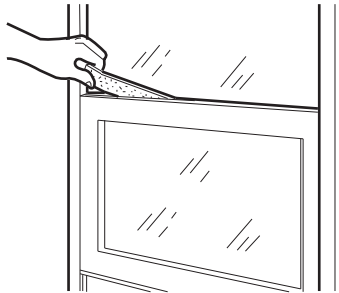


## Installation in a double-hung sash window(Optional)

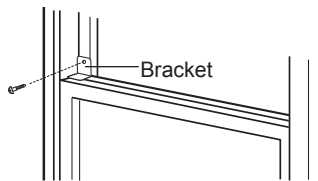
5. Close the window sash securely against the Window panel.



6. Stuff the Foam seal A between the glass and the window to prevent air and insects from getting into the room.



7. Attach the bracket with a screw.(Recommended)

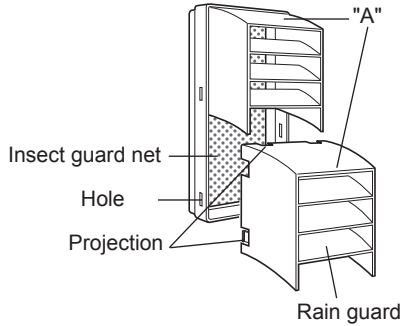


Please lay a tabular material underneath the window panel in case you could not attach the rain guard or the window adapter properly due to the deep window sill.

# Installation in a sliding sash window(Optional)

1. Connect the rain guards to the insect guard net.

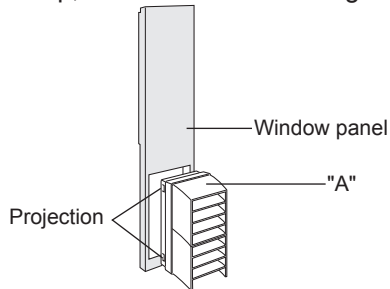
Insert all three projections on each rain guard into the holes in the insect guard net. Side "A" will now be at the top, as indicated in the diagram.



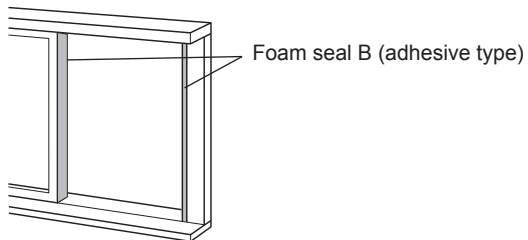
2. Attach the guard combined above to the window panel.

Push the insect guard net firmly to ensure that its four projections fit into the holes in the window panel.

Side "A" will now be at the top, as indicated in the diagram, when it is installed in the window.



3. Cut the Foam seal B (adhesive type) to the proper length and attach it to the window frame and to the side of sash.



4. Install the window panel into the window frame.

Make sure that the exhaust cover is attached to the window panel.

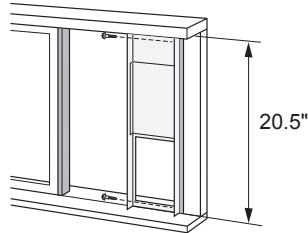
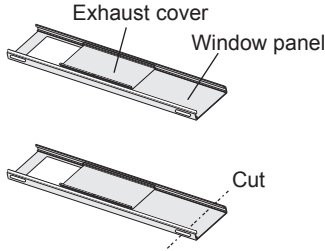
Inner height of the window:20.5"(520mm)

Use the window panel.

# Installation in a sliding sash window(Optional)

The window panel cannot be installed in windows less than 20.5" (520mm) high, as you will be unable to shut the exhaust cover.

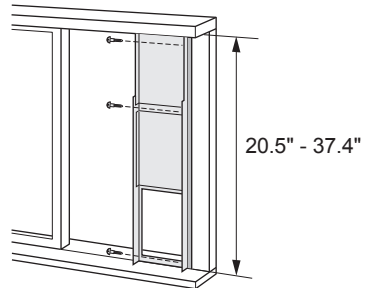
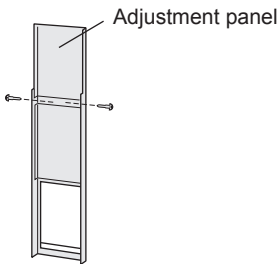
- (1) Open the window sash and place the window panel on the window frame.
- (2) Secure the window panel to the window frame with screws.



Inner height of the window: 20.5" (520mm) - 37.4" (950mm)

Use the window panel and the adjustment panel.

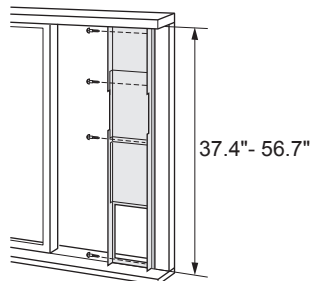
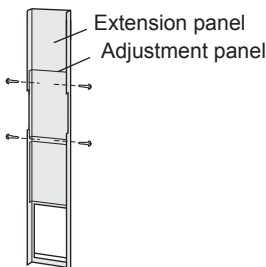
- (1) Open the window sash and place the window panel on the window frame.
- (2) Slide the adjustment panel to fit the window frame height.
- (3) Secure the window panel to the window frame with screws.



Inner height of the window: 37.4" (950mm) - 56.7" (1440mm)

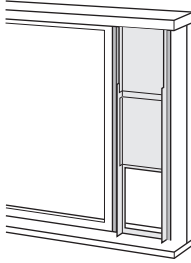
Use the window panel, the adjustment panel and the extension panel.

- (1) Open the window sash and place the window panel on the window frame.
- (2) Slide the adjustment and extension panels to fit the window frame height.
- (3) Secure the window panel to the window frame with screws.

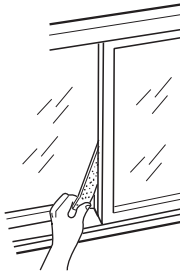


## Installation in a sliding sash window(Optional)

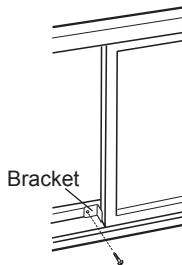
4. Close the window sash securely against the Window panel.



5. Stuff the Foam seal A between the glass and the window to prevent air and insects from getting into the room.



6. Attach the bracket with a screw.(Recommended)

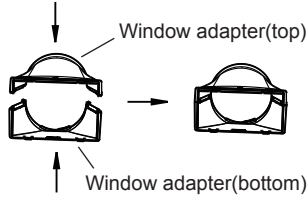


Please lay a tabular material underneath the window panel in case you could not attach the rain guard or the window adapter properly due to the deep window sill.

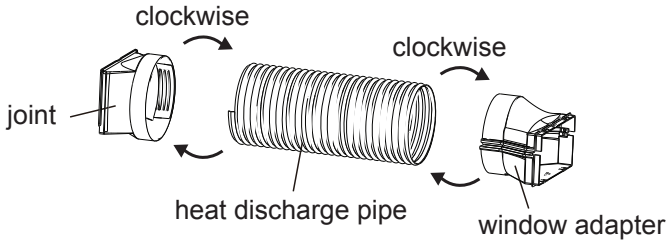
# Installation and Disassembly of Heat Discharge Pipe

## Install heat discharge pipe

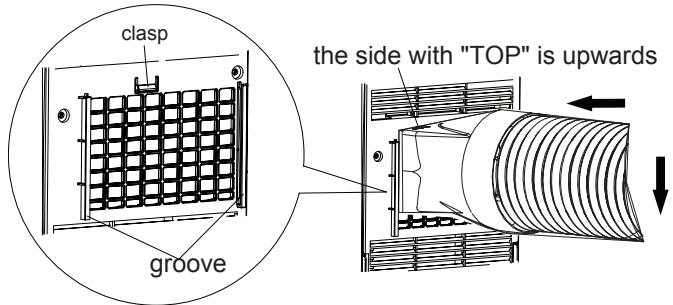
1. Install window adapter— aim the window adapter(top) at the window adapter(bottom),fix them together,press the clasp forcibly into the groove.



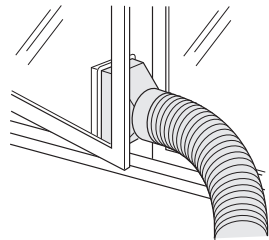
2. Rotate joint and window adapter clockwise into the two ends of heat discharge pipe.



3. Insert joint of heat discharge pipe (the side with "TOP" is upwards) into the groove until you hear a sound.

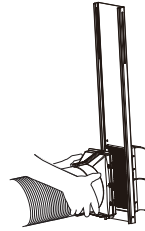
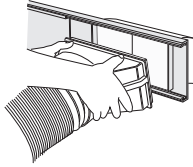


4. Lead the exhaust hose outdoors.



5. Slide and open the exhaust cover on the window panel, and attach the window adapter. (Optional)

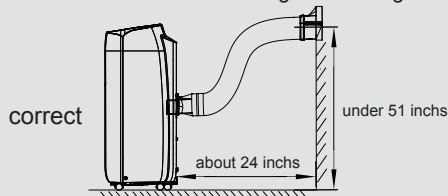
# Installation and Disassembly of Heat Discharge Pipe



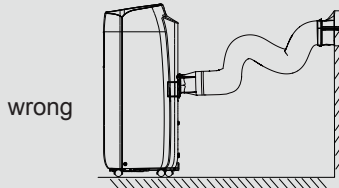
## Note of Installing heat discharge pipe

In order to improve cooling efficiency, the heat discharge pipe should be as short as possible and flat without curve to ensure smooth heat discharge.

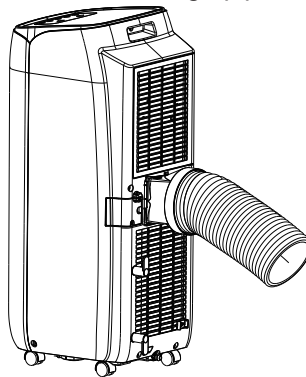
The discharge pipe is suggested to be installed according to below figure by the manufacturer.



User can adjust the installation method of the discharge pipe basing on the requirement, while the similar installation methods as below which will lead to unsmoothly air-out are not allowed.



- The length of the heat discharge pipe is less than 40 inches. It is recommended to use it with shortest length.
- When installing, heat discharge pipe should be as flat as possible. Don't prolong the pipe or connect it with other heat discharge pipe.

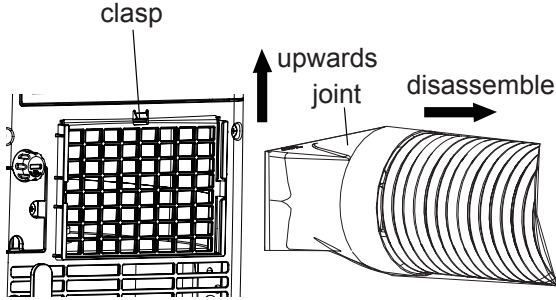




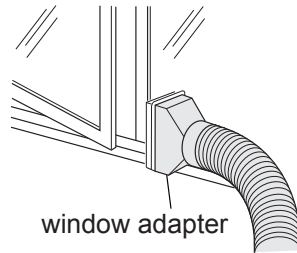
# Installation and Disassembly of Heat Discharge Pipe

## Disassemble heat discharge pipe

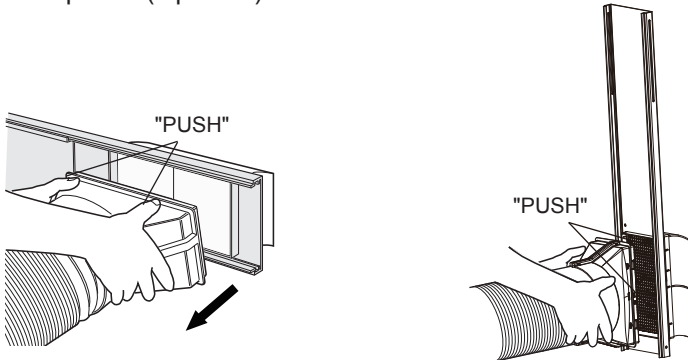
1. Remove joint:  
Press the clasp and lift joint upwards to remove it.



2. Remove window adapter from outdoors.



3. Remove the window adapter. Pull out and remove the window adapter by pushing down two "PUSH" markings, and slide and close the exhaust cover in the window panel. (Optional)

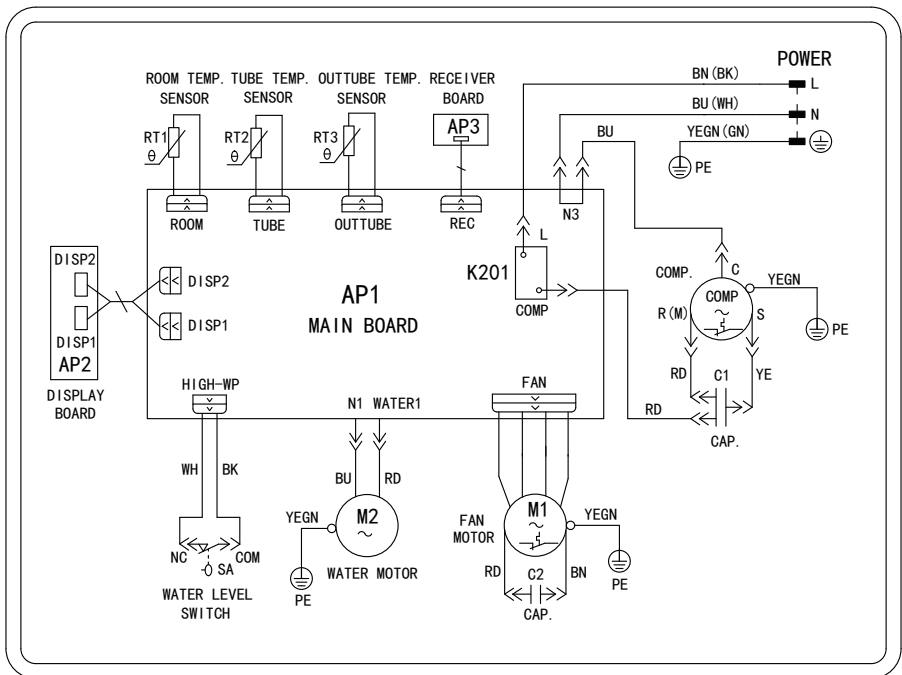


# Operation Test

- Put through the power supply and then press ON/OFF button on remote controller to start the unit.
- Press mode button to select auto, cooling, drying, fan or heating function, and then check if the unit operates normally.
- If ambient temperature is below 16°C, the unit can't operate in cooling mode.

# Electric Schematic Diagram

The Electric schematic diagram are subject to change without notice. Please refer to which one on the unit.



# Safety operation of flammable refrigerant

## Qualification requirement for installation and maintenance man

- All the work men who are engaging in the refrigeration system should bear the valid certification awarded by the authoritative organization and the qualification for dealing with the refrigeration system recognized by this industry. If it needs other technician to maintain and repair the appliance, they should be supervised by the person who bears the qualification for using the flammable refrigerant.
- It can only be repaired by the method suggested by the equipment's manufacturer.

## Installation notes

- The air conditioner is not allowed to use in a room that has running fire (such as fire source, working coal gas ware, operating heater).
- It is not allowed to drill hole or burn the connection pipe.
- The air conditioner must be installed in a room that is larger than the minimum room area. The minimum room area is shown on the nameplate or following table a.
- Leak test is a must after installation.

table a - Minimum room area ( m<sup>2</sup> )

Minimum room area( m <sup>2</sup> )	Charge amount (kg)	≤1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5
	floor location	/	14.5	16.8	19.3	22	24.8	27.8	31	34.3	37.8	41.5	45.4	49.4	53.6
window mounted	/	5.2	6.1	7	7.9	8.9	10	11.2	12.4	13.6	15	16.3	17.8	19.3	
wall mounted	/	1.6	1.9	2.1	2.4	2.8	3.1	3.4	3.8	4.2	4.6	5	5.5	6	
ceiling mounted	/	1.1	1.3	1.4	1.6	1.8	2.1	2.3	2.6	2.8	3.1	3.4	3.7	4	

## Maintenance notes

- Check whether the maintenance area or the room area meet the requirement of the nameplate.
  - It's only allowed to be operated in the rooms that meet the requirement of the nameplate.
- Check whether the maintenance area is well-ventilated.
  - The continuous ventilation status should be kept during the operation process.
- Check whether there is fire source or potential fire source in the maintenance area.
  - The naked flame is prohibited in the maintenance area; and the "no smoking" warning board should be hanged.
- Check whether the appliance mark is in good condition.
  - Replace the vague or damaged warning mark.

## Leak test method

- The leak test method as below is acceptable for the system with R32 refrigerant.

# Safety operation of flammable refrigerant

- Make sure the leak detector (calibrate the leak detector under the environment without refrigerant) won't be the potential ignition source and it's applicable to the tested refrigerant. The set warning concentration for the refrigerant detection devices can't exceed 25% of the concentration measuring range.
- The flowing objects used for the leak test are applicable for most refrigerants, while the solvent with Freon should not be adopted, for preventing the reaction between Freon and refrigerant and copper pipe corrosion.  
If the possibility of refrigerant leak exists, please remove all naked flame or extinguish the fire.
- If the position where there's leak should be welded, please recovery all refrigerant or isolate all refrigerant away from the leak position (adopt cut-off valve). Before welding or during the welding process, please adopt OFN to purify the complete system.

## Welding

- If you should cut or weld the refrigerant system pipes in the process of maintaining, please follow the steps as below:
  - a. Shut down the unit and cut power supply
  - b. Eliminate the refrigerant
  - c. Vacuuming
  - d. Clean it with N2 gas
  - e. Cutting or welding
  - f. Carry back to the service spot for welding
- The refrigerant should be recycled into the specialized storage tank.
- Make sure that there isn't any naked flame near the outlet of the vacuum pump and it's well-ventilated.

## Filling the refrigerant

- Use the refrigerant filling appliances specialized for R32. Make sure that different kinds of refrigerant won't contaminate with each other.
- The refrigerant tank should be kept upright at the time of filling refrigerant.
- Stick the label on the system after filling is finished (or haven't finished).
- Don't overfilling.
- After filling is finished, please do the leakage detection before test running; another time of leak detection should be done when it's removed.

## Safety instructions for transportation and storage

- Please use the flammable gas detector to check before unload and open the container.
- No fire source and smoking.
- According to the local rules and laws.

## **PRODUCER**

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The device was made in China (Made in China).

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