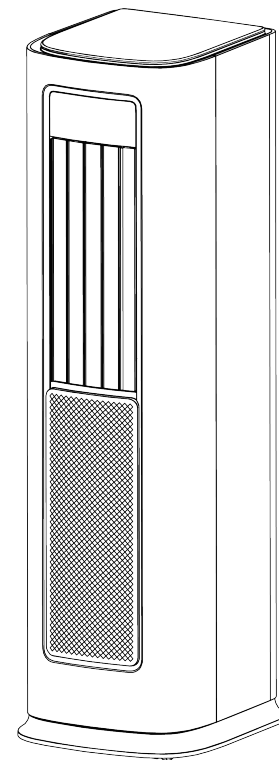


AIRPLUS®

PORTABLE AIR
CONDITIONER

USER MANUAL

AIRPLUS



KYR-35A1

CONTENTS

Use Environment	01
Safety Instructions	01
Product Specifications	02
Name Of Each Part	03
control panel	04
Remote control	04
Operation	05-06
other functions	07
Preparation for using remote control	07
Precautions for using remote control	07
Cleaning and maintenance	08-09
Installation precautions	10
Preparation before installation	11
Drainage method	12
Installation and removal of heat discharge pipe	13
Precautions for installing heat discharge pipe	14
Install window isolation panels	15-16
Troubleshooting	17-18

Use Environment

- This air conditioner is suitable for temperature range of 32-95°F
- This air conditioner is only suitable for family rooms and is not suitable for commercial or industrial purposes.
- At least 50cm of space should be reserved in front of and behind the air conditioner.
- Avoid using in damp environments; Avoid direct sunlight.
- Please keep the air inlet and outlet clean and free of obstacles.
- Please close the doors and windows when using to improve the cooling/heating effect.
- To avoid abnormal situations such as noise and vibration of the air conditioner, please place the air conditioner on a flat ground.
- This air conditioner comes with casters for easy sliding. The casters should slide on a smooth and flat surface, not on carpets or surfaces with obstacles, to avoid dirt on the ground wrapping around the casters and making sliding inconvenient.
- Do not tilt or lie down the air conditioner. If there is any abnormality, immediately turn off the power and contact the dealer for inspection and repair

Safety Instructions

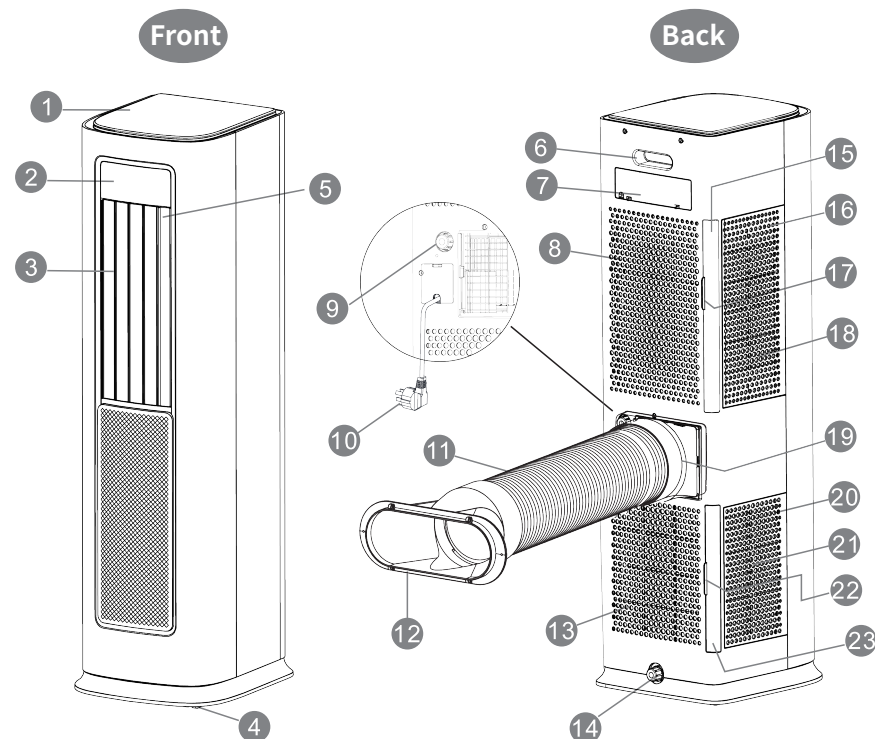
- Please confirm that the power supply specifications are consistent with the requirements on the product nameplate before use.
- Before cleaning and repairing the air conditioner, please turn off the air conditioner and unplug the power plug.
- Before cleaning and repairing the air conditioner, please turn off the air conditioner and unplug the power plug.
- Do not pull the power supply cord to unplug the power plug or move the machine.
- Do not plug or unplug the power plug when your hands are wet.
- Please use a grounded power supply and ensure that the power supply is grounded reliably and undamaged.
- If the power cord is damaged, it must be replaced by the manufacturer, service contractor, or qualified technical personnel.
- If any abnormal phenomena are found (such as burnt smell, etc.), please immediately cut off the power and contact the dealer.
- When there is no supervision or going out, please off the machine and unplug the power plug or cut off the power.
- Do not splash or pour water on the air conditioner, as it may cause a short circuit or damage to the air conditioner.
- When using drainage pipes, the ambient temperature should not be lower than 32°F, otherwise it is easy to cause the water in the pipes to freeze, leading to machine leakage of water.
- Prohibit the use of heating equipment around air conditioners; Stay away from sources of fire, flammable, explosive and other objects.
- The user of this appliance must be over 8 years old. Having physical, sensory, and intellectual disabilities; Individuals who lack knowledge and experience, without sufficient understanding of the safe use and potential hazards of the appliance are not allowed to use it without supervision and guidance. Children are not allowed to play and use this appliance. Children are not allowed to clean and maintain this appliance without supervision.
- Please do not place or hang items with dripping water above the air conditioner.
- Do not repair or disassemble the air conditioner without authorization.
- It is prohibited to insert any object into the components of the machine.
- Instruments should be installed in accordance with national wiring standards.
- Safety tube specification: T3.15AH250V; The maximum current allowed for the fuse to pass through cannot exceed 3.15A.
- Do not extend the power cord in any way; Do not share sockets with other appliances; Do not use patch cords or other adapter devices.
- Do not cover the air outlet of this air conditioner.

Product Specifications

Model No.	KYR-35A1
Rated Power	115V~/60Hz
Cooling Capacity(ASHARE)	12000BTU/h
Heating Capacity(ASHARE)	11000BTU/h
Refrigeration Input Power/Current	1200W/10.6A
Heating Input Power/Current	1100W/9.70A
Refrigerant Charge	R410A/0.34kg(12OZ)
Waterproof Level	IPX0
Machine size(WxDxH)	298x338x1100mm
Net Weight	56.2lb

⌘ Due to technical and voltage fluctuations and other precision reasons, the data marked with * in the table may change. Please refer to the nameplate label attached to the product.

Name Of Each Part Of The Product



- | | | |
|------------------------|--------------------------------|---------------------------------------|
| 1 control panel | 9 middle drainage outlet | 17 Upper and rear filter frame handle |
| 2 front panel | 10 power cord | 18 upper filter frame |
| 3 Air outlet | 11 Heat discharge pipe | 19 square to circular joint |
| 4 casters | 12 duckbill joint | 20 lower air inlet |
| 5 Outward swing leaf | 13 lower air inlet | 21 lower filter frame |
| 6 handle | 14 lower drainage outlet | 22 lower filter frame handle |
| 7 Power cord storage | 15 Upper and rear filter frame | 23 lower and rear filter frame |
| 8 rear upper air inlet | 16 upper air inlet | |

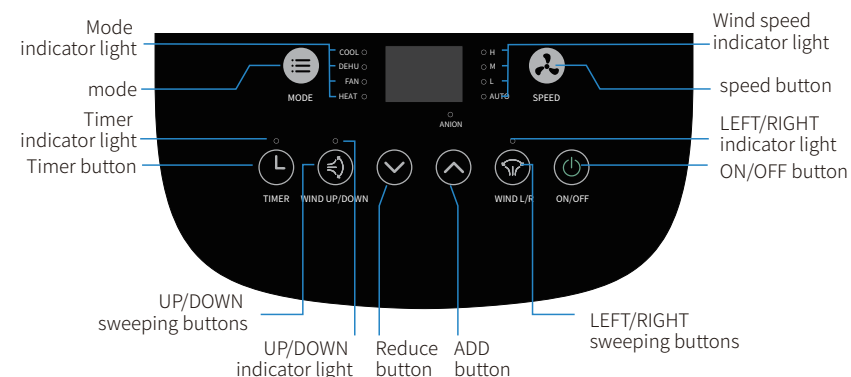


remote control

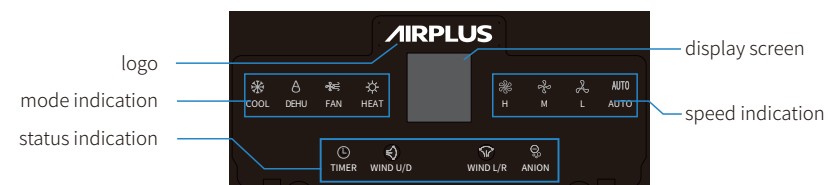
The appearance diagram is just one kind of model, and we company reserves the right to change the design of the product. The product you purchased may have been improved and may not be completely consistent with the intention indicated in the manual, but it will not change the performance or usage method. Please rest assured to use it

Control Panel

Control Panel



Front display window



Remote Control



- | | | |
|------------|---------------|-------|
| ON/OFF | TIMER | MODE |
| UP/DOWN | LEFT/RIGHT | SPEED |
| ADD button | Reduce button | ANION |

ON/OFF

- ◆ When the power is turned on, the machine emits a beep sound (refer to the power parameters on the nameplate to connect to the power), and the machine enters standby mode. At this time, the machine can be controlled using the control panel or remote control.
- ◆ Press the standby button , the machine will start up, enter default mode, and the corresponding indicator light will light up; Press the standby button  again, the machine stops working, enters the shutdown state, and all indicator lights turn off. If the machine is not used for a long time, it is recommended to unplug the power cord from the socket.

MODE

- **Select mode:** Press "" to cycle between cool, dehumidification, air supply, and heating.
-
- **Cool mode:** The cool indicator light and icon light up, the air conditioner operates according to the set parameters, the target temperature is set by pressing the "A" or "V" key, and the speed is adjusted by pressing the "wind speed" key; When the indoor temperature is higher than the set temperature, the compressor starts. When the indoor temperature is lower than the set temperature, the compressor stops working.
 - **Dehumidification mode:** The dehumidification indicator light and dehumidification icon light up, the air conditioner runs according to the machine's internal program, and the machine defaults to low wind speed operation.
 - **Air supply mode:** The air supply indicator light and icon light up, and the fan runs at the set wind speed. Press the "wind speed" button to adjust the wind speed. When the air conditioner is in this mode, the compressor does not work.
 - **Heating mode:** The heating indicator light and heating icon light up, and the air conditioner runs heating according to the set program. Press the "A" or "V" key to set the target temperature, and press the "wind speed" key to adjust the speed of the wind speed. When the indoor temperature is lower than the set temperature, the air conditioner starts heating. When the indoor temperature is higher than the set temperature, the air conditioner stops heating, and the fan continues to run or stops working according to the temperature detected by the machine.

TIMER

Timed OFF: When turned on, press the  button to activate the timer setting, and the timer indicator light will flash. The display screen displays the set time. Press the "A" and "V" keys to set the target time. Each time the "A" or "V" keys are pressed, the time increases or decreases by 1 hour. After stopping the operation for 5 seconds, the timer indicator light will remain on, the timer function will start, and the top panel will restore the set target temperature (the set temperature during cooling will also be displayed in air supply and dehumidification mode). The front display screen will restore the ambient temperature, and the machine will automatically shut down once the timer duration is reached. The timing range is 0-24 hours (note: the timer function is cancelled when set to 0 hours).

Timed ON: In the shutdown state, press the button  once to activate the timer setting. The timer indicator light will flash and the display screen will display the set time. Press the "A" and "V" buttons to set the target time. Press the "A" or "V" button every time, the time will increase or decrease by 1 hour. After stopping the operation for 5 seconds, the timer indicator light will remain on, and the timer function will start. The timer time will last until the machine starts automatically, with a timer range of 0-24 hours. (Note: When setting 0, the timer function is cancelled); When the machine is turned on at a scheduled time, its functions can be preset.

WIND SPEED

- ◆ Wind speed setting: Press "" to select "high" → "mid" → "low" → "auto" wind speed, and select in a closed loop; In auto mode, the machine automatically adjusts the wind speed based on the ambient temperature.
Note: In dehumidification mode, this button is invalid

ANION

- ◆ Long press the mode key "" to turn on or off the anion function. After turning on, the anion indicator light and the icon will light up, and vice versa, it will be turned off.

wind UP/DOWN

- ◆ Press "" to turn on or off the automatic wind up/down function. After turning it on, the wind up/down indicator light and the icon will light up, and vice versa, it will be turned off.

wind LEFT/RIGHT

- ◆ Press "" to turn on or off the automatic wind left/right function. After turning it on, the wind left/right indicator light and the icon will light up, and vice versa, it will be turned off.

Kind reminder

1. When the air conditioner is heating, it needs to be connected to a heat pipe to exhaust the cold air to the outside.
2. When the air conditioner is cooling, in order to reach better cooling effect, it is necessary to install heat pipe on the machine to guide the hot air to the outside (the installation method of heat pipes is described later).

OTHER FUNCTIONS

Defrost

- ◆ The machine has an automatic defrosting function, which automatically detects the temperature and determines whether defrosting is needed during operation, ensuring that the machine still has good heating performance even in low ambient temperatures.
Note: This key is invalid in air supply and dehumidification mode.

Anti freezing protection

- ◆ This machine has anti freezing protection function. When the machine is working, it will automatically detect the temperature and determine whether the anti freezing function needs to be activated. This ensures that the machine still has good refrigeration performance when the ambient temperature is low.

Auto water full protection

- ◆ When the machine detects that the water level in the water tray has reached the preset height, the compressor, motor, and water throwing motor stop working. The machine emits 10 alarm sounds, and the screen shows "FU", and the machine stops working. After drainage, the machine returns to the state before it is full of water.

Compressor shutdown/start protection

- ◆ During the operation of the machine, if any operation causes the compressor to stop working. At this time, the machine automatically switches to the protection function of stopping the compressor for 3 minutes before restarting, which means the compressor will not start again within 3 minutes, and other functions have outputs. The compressor will run for at least 3 minutes after each start before stopping operation (except for shutdown).

Preparation for using the remote control

- ◆ Before using the remote control, please install two AAA (1.5V) batteries correctly in the remote control battery compartment

Precautions for using remote control

1. Align the signal transmitter with the signal receiving window on the air conditioner during use.
2. The distance between the signal transmitter and receiver window should generally be within 6 meters, and there should be no obstacles.
3. In rooms equipped with electronic start type fluorescent lamps, conversion type fluorescent lamps, or wireless telephones, the signal is easily disturbed. The remote control should be as close to the air conditioner as possible.
4. When not using the remote control for a long time, it is recommended to remove the battery from the remote control.

Cleaning and maintenance

Warning

- Before cleaning the air conditioner, it must be turned off and the power must be cut off, otherwise there is a risk of electric shock.
- Do not rinse the air conditioner with water, or there will be a risk of electric shock.
- Do not use volatile liquids (such as diluents or gasoline) to clean the machine, otherwise it will damage the appearance of the machine.

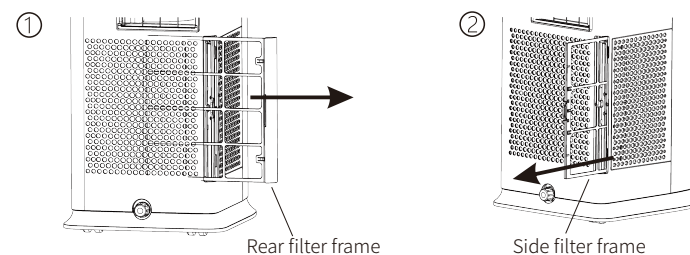
Clean the shell and grille

Cleaning the shell: When there is dust on the surface of the shell, please use a soft towel to wipe it off; When the shell is dirty (such as oil), please wipe it with a neutral cleaning agent. Cleaning the grille: You can use a vacuum cleaner or a soft bristled brush.

Clean the filter frame

1. Remove the filter frame

Buckle out the rear filter frame to the side as shown in the picture; Then remove the side filter frame from the other side.

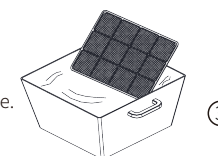


2. Clean the filter frame

Use a vacuum cleaner or clean the filter frame with clean water. When the filter frame is dirty (such as oil), it can be cleaned with warm water dissolved in neutral detergent, and then dried in a cool place

3. Install the filter frame

After cleaning and drying the filter, reinstall it into the machine.



Attention:

- It is recommended to clean the filter frame every 20 days of use. If used in a dusty environment, the cleaning frequency of the filter frame should be increased.
- Do not dry the filter frame with fire or a hair dryer, as it may deform or catch fire.

Clean the heat discharge pipe

Remove the pipe from the air conditioner and then clean it (using the same cleaning method as the filter frame), air dry and then reinstall it.

Inspection before the usage season

1. Check if the air inlet and outlet are blocked.
2. Check if the plug and socket are in good condition.
3. Check if the filter is clean.
4. Check if the remote control is equipped with a battery.
5. Check if the heat pipe is damaged and if it is securely installed.

Inspection after the usage season

1. Cut off the power supply of the air conditioner.
2. Clean the filter frame and shell.
3. Remove accumulated water from the built-in drain tray (please refer to the "Drainage Method" section for details).

Long term storage

If you do not use the air conditioner for a long time, it is recommended that you follow the following steps to maintain the good performance of the air conditioner:

1. Ensure that there is no accumulated water in the drain tray and remove the heat pipe.
2. Remove the plug and pack the power cord properly.
3. Clean the air conditioner and package it to prevent dust accumulation.

Recycling precautions



Please do not dispose of electrical appliances as unclassified urban waste and collect them separately. Facilities, if electrical appliances are disposed of at will in landfills or storage areas, harmful substances, it can seep into groundwater and enter the food chain, damaging your health and well-being.

Restore factory settings

Simultaneously press and hold the "⤴" and "⤵" keys to restore the device to its factory settings, clear memory data such as temperature and wind speed, and restore initial data

Installation precautions



Attention

1. Please comply with all local laws and regulations during installation.
2. Do not use damaged or non-standard power cords.
3. Pay attention to safety during installation and maintenance, prohibit illegal operations, and avoid accidents such as electric shock, high-altitude falling injury, and even death.

Location selection

Basic requirements:

Installing in the following areas may cause air conditioner malfunctions. If unavoidable, please consult your local dealer

1. Areas with strong heat source vapors, flammable and explosive gases, or volatile substances dispersed in the air.
2. Areas with high-frequency facilities (such as welding machines, medical equipment).
3. Seaside salt area.
4. Areas with oil content in the air.
5. Areas containing sulfur gas.
6. Other special environmental areas.
7. Unstable or moving foundations (such as trucks) or in corrosive environments (such as chemical plants).

Peripheral environment requirements:

1. Keep the air inlet away from obstacles, and do not place any objects near the air outlet, otherwise it will affect the heat dissipation of the pipe.
2. Noise and airflow will not affect neighboring areas.
3. Please try to stay away from fluorescent lamps as much as possible.

Electrical connection requirements

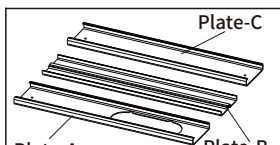
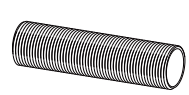
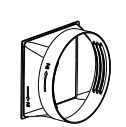
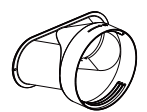
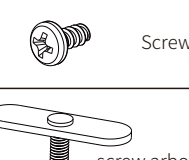
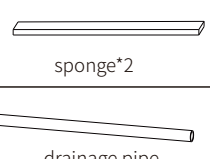
Safety precautions:

1. Please make sure to follow the electrical safety regulations and install the air conditioner.
2. According to local electrical safety regulations, a dedicated power supply line should be configured when using this product.
3. Please ensure that the power supply meets the requirements of the air conditioner. Unstable power supply or incorrect wiring may cause electric shock, fire, or electrical component failure. Please contact the power personnel to resolve the issue before using the machine.
4. Please make sure to correctly connect the live wire, neutral wire, and ground wire of the power socket.
5. Before carrying out any electrical safety work, please make sure to cut off the power supply of the air conditioner.
6. Do not turn on the power until all installations are completed.
7. This electrical appliance belongs to Class I appliances and must be properly grounded. Connect the ground wire to a dedicated grounding device to ensure effective grounding at all times. Improper grounding may cause electric shock.
8. The grounding resistance should comply with the electrical safety regulations of the local country.

Preparation before installation

Tip: Please check if the accessories are complete before installation.

Accessories List

 Plate-A Plate-B Plate-C Window isolation panel	 Heat discharge pipe	 pipe joint
 Duck billed adapter	 Screw*2 screw arbor*2	 butterfly nut*2
 flat washer*2	 sponge*2 drainage pipe	 remote control

Usage suggestions:

- There is a compressor inside the machine. If there is dumping or long-distance transportation, please stand the machine upright for more than 4 hours to allow the condensate to fully reflux, and then turn on the machine.
- When the temperature exceeds 109.4 °F or falls below 59°F, the refrigeration function will automatically protect the machine from running.
 - In the power on state, when the timer is not turned on, the machine will automatically start up after powering off and then on, without pressing the standby button.
 - After normal shutdown, if there is a power outage or continuous power outage, the last working mode will be remembered.

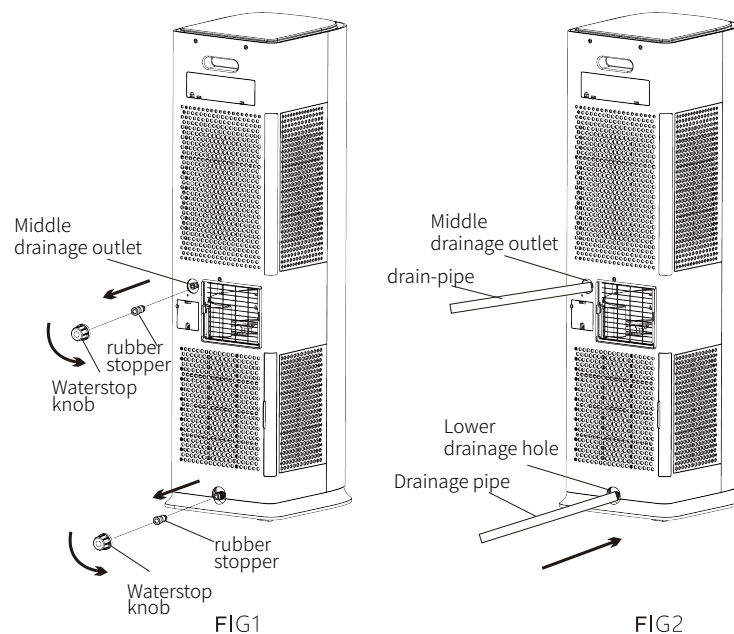
Drainage method

- When operating in cool mode, manual drainage is generally not required, but when operating in high temperature and high humidity environments, there may be a situation of water full, which requires manual or continuous drainage.
- When operating for a long time in dehumidify mode, it is necessary to connect a drainage pipe for drainage. The drainage pipe can be connected to the middle or lower drainage outlet. It is recommended to connect to the middle drainage outlet.
- When operating for a long time in heating mode, it is necessary to connect a drainage pipe for drainage, and connect the drainage pipe to the drainage outlet.
- Regardless of the mode in which the machine operates, when the water tray is detected to be full, the buzzer will sound and the screen will display "FU" to remind you to drain. At this time, it is necessary to open the lower drain outlet for drainage. After the water is completely removed and the compressor stops running for 3 minutes, the air conditioner will resume operation.

Drainage steps:

- Cut off the power and move the machine to the appropriate position.
- Prepare a slightly shallow plate and place it near the lower drain or move the machine to the floor drain.
- Rotate counterclockwise to remove the water stop button on the lower drainage outlet, pull out the rubber plug, and water will automatically flow out of the drainage hole. In order to drain the water more thoroughly, the machine can be slightly tilted back (see Figure FIG1).
- After draining the water, reverse the process and install the rubber plug and water stop knob.

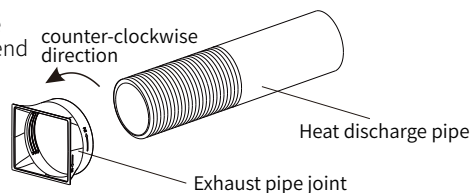
Attention: When cooling at high temperatures and high humidity, if you want to avoid shutting down when water is full, you can connect the drainage pipe to the drainage outlet (it is recommended to lower the drainage outlet) for continuous drainage to ensure that the drainage pipe runs smoothly straight down. (See Figure FIG2).



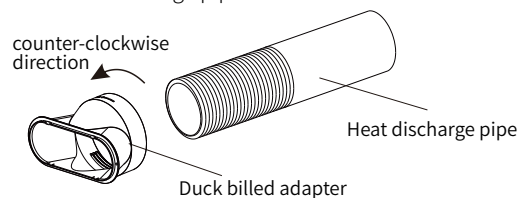
Installation and removal of heat discharge pipe

Installation

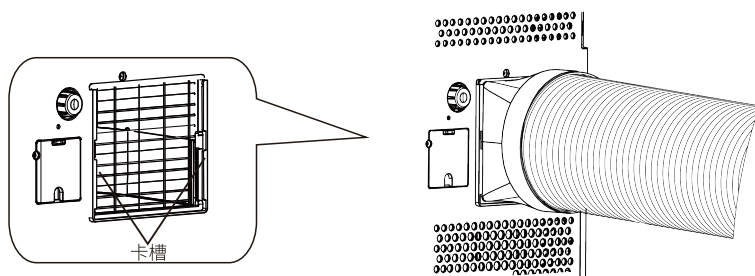
1. Tighten the heat discharge pipe joint counterclockwise to either end of the heat discharge pipe.



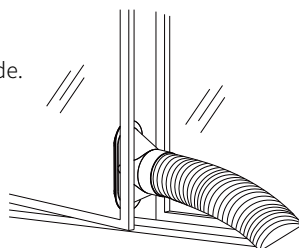
2. Tighten the duckbill shaped adapter counterclockwise to the other end of the heat discharge pipe.



3. Insert the heat discharge pipe joint from top to bottom into the rear shell slot. If you hear a "click" sound, it indicates that the card slot has tightened the joint.

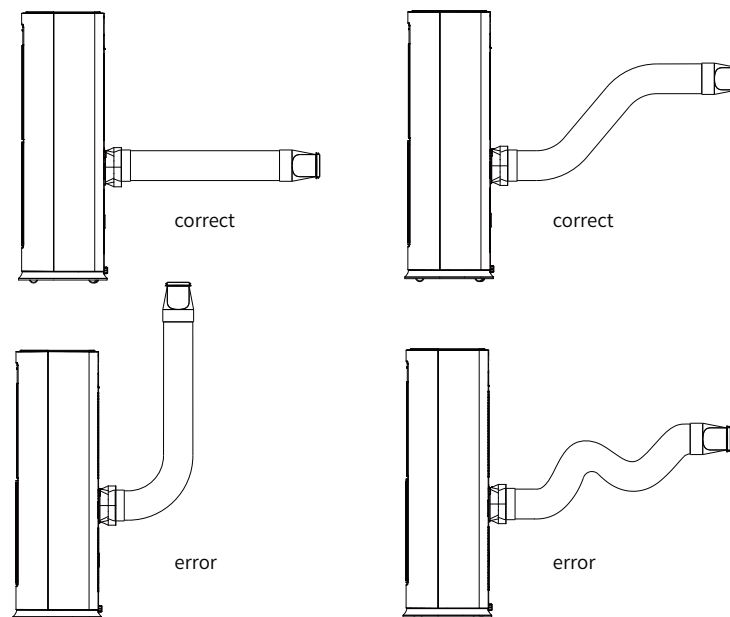


4. Guide the outlet of the heat pipe to the outside.



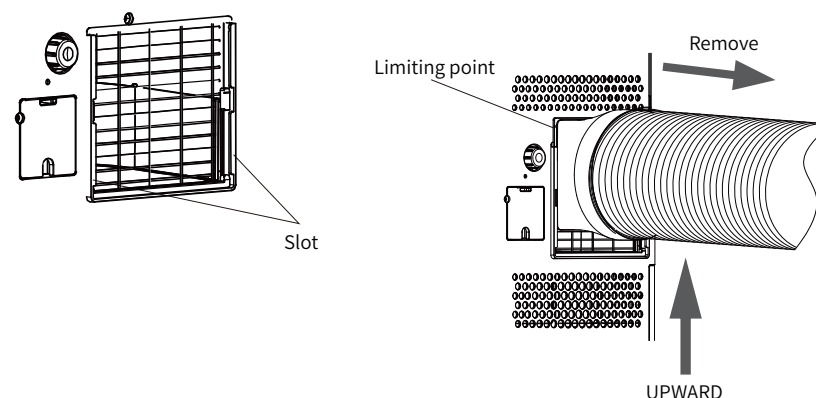
Precautions for installing heat discharge pipe

In order to improve refrigeration efficiency, the installation of heat pipes should be as short and flat as possible, without distortion, and to maintain the smoothness of the heat discharge pipe.



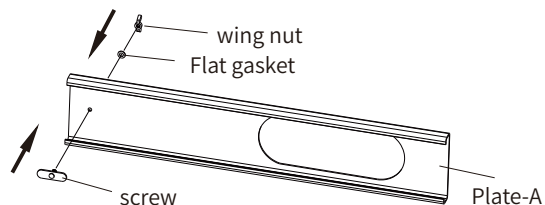
disassemble

Remove the heat discharge pipe joint: Gently tap the heat discharge pipe joint upwards with your hand to remove the limit point of the heat pipe joint from the slot.

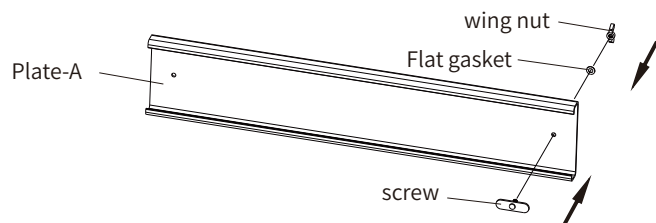


Install window isolation panels

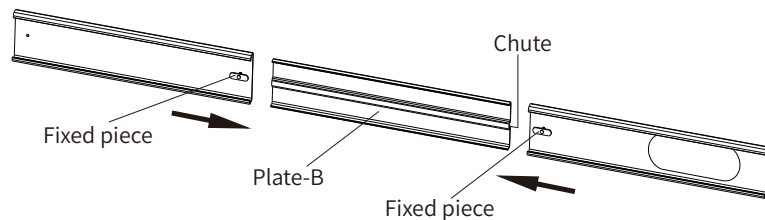
1. After threading the screw through the hole on the isolation plate A, place a flat gasket on the screw and tighten the nut. Be careful not to hold the nut to the bottom, leaving a 2-3mm gap.



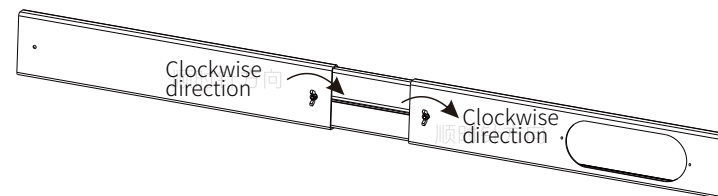
2. After threading the screw through the hole on the isolation plate C, place a flat gasket on the screw and tighten the nut. Be careful not to tighten the nut to the bottom, leaving a 2-3mm gap.



3. Install the window isolation plates A and C, which were installed in steps 1 and 2, from both ends of the window isolation plate B. When installing, be sure to align the fixing plates on the screws with the sliding grooves of the B plate and insert them.

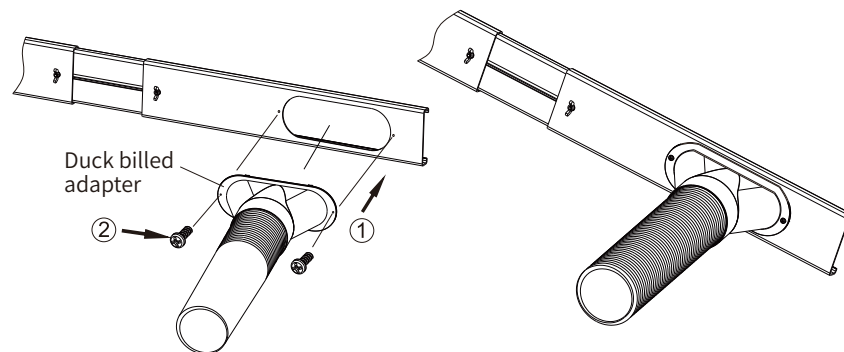


4. Adjust the position of plates A and C on board B through the sliding groove on board B to reach the required length. Then, tighten the butterfly nut clockwise to the end to firmly fix the relative positions of plates A, B, and C.



5. Install the duckbill shaped adapter with the installed heat pipe onto the window isolation plate A, installation steps

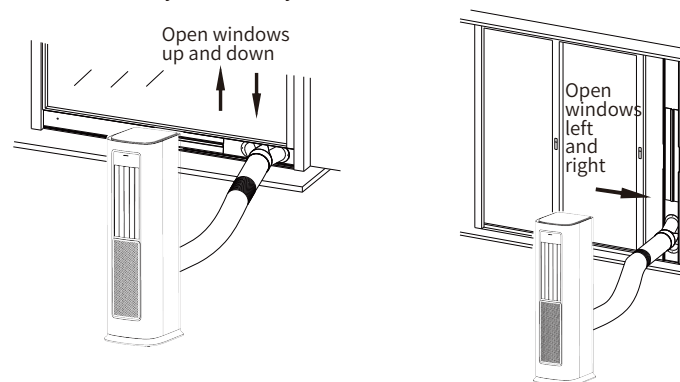
- (1) Insert the duckbill shaped adapter into the runway shaped hole on board A
- (2) Tighten the duckbill adapter to the window isolation plate A with screws



(Installation process diagram)

(Schematic diagram after installation is completed)

6. Install the matched window isolation panel on the window frame, which can be installed horizontally or vertically



OTHER FUNCTIONS

General analysis

Please press the following table for troubleshooting before contacting the maintenance. If the problem still cannot be solved, please contact the dealer or professional in time.

Problem	Possible cause	Solution
Not working	Power off?	Wait for power.
	Plug loose?	Plug it back in.
	Power switch trip or blow a fuse?	Ask a professional to replace the power switch or fuse.
	Line faulty?	Ask a professional to replace the line.
	Stop running and start up again immediately?	Please wait 3 minutes and then restart
Smelly	any odors in the room such as furniture, cigarettes, etc.?	Remove odor sources.
		Clean the filter.

Cooling (heating) is not good	Low voltage?	Wait for the voltage to return to normal.
	Dirty filter?	Clean the filter
	Proper temperature?	Adjust to the proper temperature.
	Doors and windows are closed?	Close the doors and windows.
	Pipe is outside?	Let the pipe outside.
Can not receive the remote control signal or the remote control operation is not sensitive, no response	Strong interference (such as static electricity, abnormal supply voltage)?	Please unplug it. After about 3 minutes, plug it back in and turn it on again
	Remote control in range?	Remote control receiving range within 6 meters, do not exceed this range
	An obstacle?	Remove obstacles.
	Low sensitivity of remote control	Check the battery of the remote control. If the battery is too low, replace the battery.
	Whether the room has fluorescent lights	Let the remote control is near the machine. Turn off the lights and try again.
No wind blows out of the machine	The inlet or outlet of the machine blocked?	Remove obstacles
	Room temperature reached the set temperature?	The machine will stop blowing air when the set temperature is reached.
No cooling	the ambient temperature below the set temperature?	This is a normal phenomenon, if you need to cool please lower the set temperature
	Blow mode?	Change to cooling mode
set temperature cannot be adjusted	Operate in air supply or dehumidification mode?	This is a normal phenomenon, the air supply/dehumidification mode temperature is not adjustable
	Required temperature within the set temperature range of the air conditioner?	et temperature range: 16°C~30°C, beyond the range of the temperature cannot be adjusted.
Sudden abnormal operation during operation	Lightning, radio and other interference?	Turn off the power, turn it on, and turn it back on
Hear the sound of water	Just turn the machine on or off?	The sound caused by refrigerant flow in the air conditioner is a normal phenomenon.
Hear a crack	Just turn the machine on or off?	The temperature change causes the panel and other parts to expand and shrink, causing the sound of friction.

Fault code

Problem	cause	Solution
E1	evaporator temperature sensor is faulty	Contact a professional
E2	condenser temperature sensor is faulty	Contact a professional
E3	Room temperature sensor is fault	Contact a professional
FU	Water tank is full	1.Drain the water from the water tank. 2. If FU is still displayed after the water tank is emptied, notify maintenance personnel