

## PORTABLE AIR CONDITIONER

# USER MANUAL

MPPA-09CRN7-QB6(A)



Please read this manual carefully before using the air conditioner and keep it for future reference.

The design and specifications may change without notice, in order to improve the product.

For detailed information, please contact your dealer or the manufacturer.

Any diagram or image used in this manual is for reference only, please consider the actual product as the correct guide.

## THANK YOU LETTER

Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

## CONTENTS

THANK YOU LETTER .....	01
SAFETY PRECAUTIONS .....	02
SPECIFICATIONS .....	11
BEFORE YOU GET START .....	12
PRODUCT OVERVIEW .....	14
INSTALLATION OVERVIEW .....	16
INSTALLATION GUIDE .....	19
GET TO KNOW YOUR AC .....	25
DRAINAGE GUIDE .....	27
CLEANING & MAINTENANCE .....	28
STORE THE UNIT WHEN NOT IN USE .....	29
TROUBLESHOOTING .....	30
TRADEMARKS, COPYRIGHTS AND LEGAL STATEMENT .....	31
DISPOSAL AND RECYCLING .....	31
DATA PROTECTION NOTICE .....	32

# SAFETY PRECAUTIONS

Please read this section carefully before using or installing your Midea portable air conditioner.

Ignoring these instructions could cause damage, injury, or even pose serious safety risks.

## Explanation of Symbols



### **WARNING**

This means there's a higher risk of serious injury or death if the warning is ignored.



### **CAUTION**

This means there's a lower risk, but it could still lead to minor injuries or damage to property.

Always read and follow these instructions before using or setting up the unit. Keep this manual near the air conditioner for easy reference.

## **WARNING**

- The air-conditioner must be installed following the instructions in this manual. Wrong installation may cause water leaks, electric shock or fire.
- Always use only the parts and accessories supplied with the unit, and the correct tools. Using other or non-standard parts may lead to leaks, electric hazards, fire, injury or property damage.
- Make sure the outlet you use is properly grounded and matches the required voltage. The nameplate on the unit shows the correct voltage.
- Your unit must be plugged into a properly grounded socket. If your socket does not have a suitable earth connection or is not protected by a correct fuse or circuit breaker (you'll find the required fuse size or breaker rating on the nameplate), ask a qualified electrician to install one.
- Do not touch the unit with wet or damp hands, or when barefoot.
- If the air conditioner is knocked over during use, switch it off and unplug it immediately. Check visually for any damage. If you think there is damage, contact technician or customer service.
- During thunderstorms, disconnect the unit from the mains supply to protect it from lightning damage.
- Protect the unit from moisture (for example, condensation, splashes). Do not place it where it can fall into water or get wet. If water does reach it, unplug immediately.
- Place the unit on a flat, stable surface. Using it on an uneven or shaky surface may cause noise, vibration or damage.
- Keep the unit clear of any blockage so that air can circulate freely. Obstructions may harm performance or cause hazards (e.g. overheating).
- Do not change the length of the power cord or use an extension lead to power the unit.
- Never plug other appliances into the same socket as the air conditioner. Overloading the power supply can cause fire or electric shock.

- Do not install the unit in wet areas like bathrooms or laundry rooms. Water exposure can lead to electrical faults.
- Never place the unit where it could be exposed to flammable gas – this can cause a fire hazard.
- This unit has wheels to help you move it, but avoid rolling it over thick carpets or objects, as it could tip over.
- Do not use the unit if it has been dropped or damaged in any way.
- If your model includes an electric heater, keep it at least 1 metre away from any flammable materials.
- All electrical connections must follow the wiring diagram inside the unit – do not attempt this unless qualified.
- The circuit board (PCB) includes a built-in fuse for safety. The correct fuse type (e.g. T3.15A/250V) is printed on the PCB.
- When the drainage function is not in use, ensure both the upper and lower drain plugs are securely in place to avoid leaks or blockages.
- Always store the drain plug safely to prevent it becoming a choking hazard for children.



## CAUTION

- Children aged 8 years and above, and persons with reduced physical, sensory, or mental capacities, may use this unit only if they have supervision or instruction to use it safely and understand the risks.
- Children must not play with the unit. Cleaning and basic maintenance should only be done by children under adult supervision.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or another qualified person to avoid danger.
- Do not use this product for functions other than those described in this manual.
- Before cleaning, always turn off the power and unplug the unit.
- If you hear strange noises, smell something unusual, or see smoke, unplug immediately and contact customer service.
- Only press buttons with your fingers — do not use sharp or hard objects.
- Do not open or remove any fixed covers.
- Do not use the appliance if it is damaged, dropped or not working properly.
- Do not operate the unit by unplugging or plugging the cord to switch it on/off repeatedly. Use the proper power switch or control panel.
- Do not use hazardous chemicals for cleaning. Avoid using it near flammable substances or vapours (e.g. alcohol, petrol, insecticides).
- The air conditioner must be installed according to local wiring rules and this manual. Installation or repair should only be done by a qualified technician.
- Do not block the air inlet or outlet grilles — leaving them clear ensures proper airflow and safer use.
- Always place the unit upright and on a stable level surface during operation or when moving it.
- When unplugging, always pull by the plug head, not the cord.
- Turn off the unit when not in use to save power and prevent hazards.
- Make sure you follow the mounting or support instructions if the appliance needs fixing or securing in place.

## NOTE ABOUT FLUORINATED GASES (NOT APPLICABLE FOR UNITS USING R290 REFRIGERANT)

- This unit may contain fluorinated greenhouse gases sealed inside the system.
- For details on the type, amount, and CO<sub>2</sub> equivalent (in tonnes) of gas used (on some models), please refer to the label on the unit.
- Installation, servicing, maintenance, and repair of this unit must be carried out by a certified technician.
- Only a qualified technician should uninstall or recycle this unit.

## WARNING for Using R290 Refrigerant

This appliance uses R290 (propane) refrigerant, which is environmentally friendly but flammable. Follow these important safety precautions:

- Do not use any tools or methods to defrost or clean the unit unless recommended by the manufacturer.
- Store and use the appliance in a room free from open flames or ignition sources, such as gas stoves or electric heaters.
- Do not pierce or burn the appliance, even after use.
- Be aware that R290 gas may not have a detectable smell, even if it leaks.
- The unit must be installed, operated and stored in a space with a minimum floor area suitable for the amount of refrigerant it contains. Check the unit's label for this information.
- If there is any difference between the label and the manual, the information on the label must be followed.

### For R290

amount of refrigerant (kg)	Min. room area(m <sup>2</sup> )	amount of refrigerant (kg)	Min. room area(m <sup>2</sup> )
≤ 0.0836	4	> 0.1881 and ≤ 0.2090	10
>0.0836 and ≤0.1045	5	>0.2090 and ≤0.2299	11
>0.1045 and ≤ 0.1254	6	>0.2299 and ≤ 0.2508	12
>0.1254 and ≤ 0.1463	7	>0.2508 and ≤ 0.2717	13
>0.1463 and ≤ 0.1672	8	>0.2717 and ≤ 0.2926	14
>0.1672 and ≤ 0.1881	9	>0.2926 and ≤ 0.3040	15

For models that use a flammable refrigerant (R290). To ensure safety and avoid risk, please follow these guidelines:





- The appliance must comply with local and national gas safety regulations.
- Keep all ventilation openings clear and unobstructed.
- Store the appliance in a well-ventilated room, and make sure the room size matches the minimum area required for safe use—check the label on the unit for this information.
- Protect the appliance from damage during storage to avoid leaks or hazards.
- Only qualified technicians with a valid certificate may work on the refrigerant system.
- Service and repairs must follow the manufacturer’s instructions. Any work involving refrigerants must be supervised by trained personnel.
- Never use open flames, sparking switches, or devices that could ignite the refrigerant near the appliance.
- During servicing or disposal, the refrigerant (R32 or R290) must be properly recovered - do not release it into the air.
- Always store and handle the unit carefully to prevent any physical or mechanical damage.

Check the product label for specific details about the type and amount of refrigerant inside the appliance.



**Caution:**  
**Risk of fire/flammable materials**  
**(Required for R32/R290 units only)**

Explanation of symbols displayed on the unit (FOR UNITS THAT USE R32/R290 Refrigerant):

	WARNING	This symbol means the appliance uses a flammable refrigerant. If it leaks and meets an ignition source, it could cause a fire hazard.
	CAUTION	This symbol reminds you to read the instruction manual carefully before using or installing the appliance.
	CAUTION	This symbol indicates that only trained service personnel should handle this equipment, following the installation manual.
	CAUTION	This symbol means there is important information in the user or installation manual. Please refer to it for safe and proper use.

### 1. Transporting units with flammable refrigerant

Follow all local and national transport laws when moving or shipping units that use flammable refrigerants.

### 2. Proper labelling/markings

Units must have the correct warning signs and labels, as required by local regulations.

### 3. Disposal

When the equipment is no longer usable, dispose of it following national rules for products with flammable refrigerants.

### 4. Storing equipment or appliances

Store them according to the manufacturer’s instructions to ensure safety.

### 5. Storing packaged (unsold) units

Packaging must protect the product so that any mechanical damage won’t cause refrigerant leaks. The number of units stored together may be limited by local regulations.

## **6. Servicing Guidelines**

### **1) Before You Begin – Safety Check**

Before starting any repair, check the area carefully to reduce the risk of fire or explosion. Make sure it's safe to work on the unit.

### **2) Follow a Controlled Work Procedure**

Always work in a way that keeps the risk of flammable gas leaks as low as possible during repairs or servicing.

### **3) Work Area Safety**

Let everyone nearby know what work is being done.

Avoid working in confined spaces.

Clearly mark and section off the work area.

Remove any flammable materials from the space.

### **4) Check for Refrigerant Leaks**

Use an approved refrigerant leak detector before and during the work.

Only use tools and detectors that are spark-free, sealed, or designed for flammable refrigerants.

### **5) Have a Fire Extinguisher Ready**

Keep a dry powder or CO<sub>2</sub> fire extinguisher nearby, especially if hot work (like welding) is required.

### **6) Avoid Ignition Sources**

Do not smoke or use anything that could cause a spark or flame near the unit.

Inspect the area before starting to ensure it's free from fire hazards.

Display "No Smoking" signs around the workspace.

### **7) Ensure Proper Ventilation**

Work in a well-ventilated or open area.

Maintain ventilation throughout the repair to safely release any refrigerant into the air.

### **8) Inspect Refrigeration Equipment**

When replacing parts:

Only use components that match the manufacturer's specifications.

Follow the service and maintenance instructions in the manual.

If unsure, contact Midea's technical support.

### **Also check:**

The refrigerant charge matches the room size.

Ventilation fans and outlets are clear and working properly.

If using an indirect cooling circuit, check for refrigerant leaks there too.

Labels and safety markings are clear and readable.

Pipes and components are not placed near corrosive substances—unless they're protected or corrosion-resistant.

### **9) Electrical Device Checks**

#### **Before reconnecting any power:**

Inspect all components carefully.

If there's a fault that could risk safety, do not reconnect the power until it's properly repaired.

If an immediate fix isn't possible and the unit must remain in use, apply a safe temporary solution - and inform the owner of the situation.

## **What to Check**

Discharge capacitors safely to avoid any sparks.

Ensure no live electrical parts or exposed wires are present during charging, refrigerant recovery, or system purging.

Confirm earth bonding is continuous - this ensures all metal parts are safely grounded.

## **7. Repairs to Sealed Components**

### **1) Isolate Power First**

Before removing sealed covers or opening parts, disconnect all electrical supply.

If power is absolutely needed during work, use a permanently operating leak-detection device in the most critical spot to warn of leaks.

### **2) Maintain Safety of Enclosures**

Ensure you don't damage cable sheaths, seals, glands, or terminals that keep the system safely enclosed.

Avoid excessive wiring or altering terminal connections.

Use only parts that meet the manufacturer's specifications.

Seals or sealing materials should still protect from flammable vapour—replace any that are worn.

*Note: Silicone sealants can interfere with some leak detectors. Use them only if approved.*

*Intrinsically safe parts may work live (if designed so), but only under correct conditions.*

## **8. Working with Intrinsically Safe Components**

Only components marked "intrinsically safe" can be worked on while the refrigerant circuit is live or there is flammable gas present.

Do not add extra electrical loads (e.g. inductive or capacitive) unless you are sure they don't exceed the allowed limits.

Replace only with parts specified by the manufacturer. Wrong parts may pose ignition risk.

## **9. Cabling**

Ensure all wiring is safe from wear, sharp edges, vibration, or corrosion.

Consider effects of aging or continuous vibration (e.g. from fans or compressors).

Cables should be secured properly and not under stress.

## **10. Detecting Refrigerant Leaks**

Never use naked flames or burners to test for leaks.

Use electronic detectors suitable for flammable gases. They must be non-sparking and safe for use with that refrigerant.

## **11. Leak Detection Methods**

Calibrated detectors are acceptable; calibrate them away from refrigerant vapour first.

Use detection fluids (non-chlorine containing) safely—but avoid chlorine detergents which corrode metal.

If brazing is needed (welding pipes), first recover all refrigerant, or isolate the leaking portion. Purge with inert gas (oxygen free nitrogen, OFN) before and during brazing.

## **12. Removal & Evacuation of Refrigerant**

Before opening the refrigerant circuit, remove the refrigerant safely.

Purge with inert gas, evacuate, purge again, then open the circuit typically by cutting or brazing.

Use correct recovery cylinders.

Never use compressed air or oxygen.

Keep the system flushed and vacuumed until no refrigerant remains. Ensure vacuum pump outlet is in a ventilated, non-ignition area.

## **13. Charging Procedures**

Use clean, dedicated hoses and equipment.

Keep cylinders upright.

Ensure system is earthed properly before charging.

Don't overcharge.

Pressure test first with OFN, then charge, then test for leaks before final commissioning.

Do a follow-up leak test prior to leaving site.

## **14. Decommissioning (Permanent Removal from Service)**

Be fully familiar with the equipment before decommissioning.

Isolate electrically.

Ensure all protective and personal equipment is used.

Recover refrigerant safely.

Use suitable cylinders (no more than 80% liquid fill) and tools.

Follow manufacturer's instructions.

Don't overfill recovery cylinders.

Remove all parts and close off valves.

## **15. Labelling**

After decommissioning, mark the equipment clearly "Emptied of refrigerant" with date and signature.

Ensure warning labels about flammable refrigerant remain visible while equipment is in service or until safe disposal.

## **16. Refrigerant Recovery**

Use correct, labelled recovery cylinders and ensure they are pressure relief fitted.

Cylinders must be in good condition; equipment suitable for flammable refrigerants.

Hoses must have leak-free quick-disconnects.

Recovery equipment must be properly maintained.

Weigh refrigerant using calibrated scales.

Recovered refrigerant must be delivered back to supplier or authorised handler.

Do not mix refrigerants.

If compressors or oil are removed, ensure they are evacuated so no refrigerant remains. Only use electrical heating (never flame) to help expel residual gas.

# SPECIFICATIONS

Product Model	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx
Power source	xxxxxxx		
Cooling capacity	xxxxxx	xxxxx	xxxxxx
Heating capacity	xxxxx	xxxx	xxxxxx
Rated current	xxxx	xxxx	xxxx
Rated power input	xxxx	xxxx	xxxx
Moisture resistance class	IPX4		

# BEFORE YOU START



The installation must be carried out in strict accordance with the instructions in this manual.



Installing your AC should take about 30 minutes.



We recommend doing this with a helper.



We're here if you need us, please contact your local distributor for assistance.

## ! AMBIENT TEMPERATURE RANGE FOR UNIT OPERATING

MODE	Temperature Range	MODE	Temperature Range
Cool	16-35°C (60-95°F)	Heat(pump heat mode)	5-30°C (41-86°F)
Dry	13-35°C (55-95°F)	Heat(electrical heat mode)	≤ 30°C (86°F)

## Know your Portable Air Conditioner

### Energy Rating Information

The energy rating and noise output are based on testing with the standard installation: without extended exhaust duct, no window slider adaptor, in COOL mode, with HIGH fan speed.

When the unit is used with a 3-metre exhaust duct (e.g. two ducts each 1.5 m long) the energy rating and noise data are not assessed. (on some models)

### Note on Hot Weather Conditions

We recommend using the unit only when the room temperature is below 35 °C.

When running with a 3-metre extended duct, the unit may not work properly in extreme conditions, especially if the air intake is blocked by about 50%.

### How to Choose the Right Portable Air-Conditioner

To size your unit correctly, measure the area of the room (length × width).

Check the BTU rating (British Thermal Units): a higher number means more cooling power.

For rooms with strong sun exposure, kitchens, or high ceilings, choose a unit with a higher BTU rating than usual.

Compare only recent models, since test procedures changed. Older models may look “stronger” on paper but are tested differently.



## Why newer products have lower cooling capacity than older models

You might notice that the cooling capacity (BTUs) on newer portable air conditioners seems lower than older models. Don't worry - the actual performance hasn't changed.

The difference is due to updated government regulations. Before 2017, cooling capacity was tested differently. Today, manufacturers must follow a new, more realistic test procedure, which considers real-life conditions. So, while the BTU number may be lower, the actual cooling power of the unit is the same.

## What is SACC ?

SACC stands for Seasonally Adjusted Cooling Capacity. It's a new way of measuring how well a portable air conditioner cools over time, based on typical seasonal use.

SACC is measured in BTU/hour

It follows strict US Department of Energy (DOE) standards

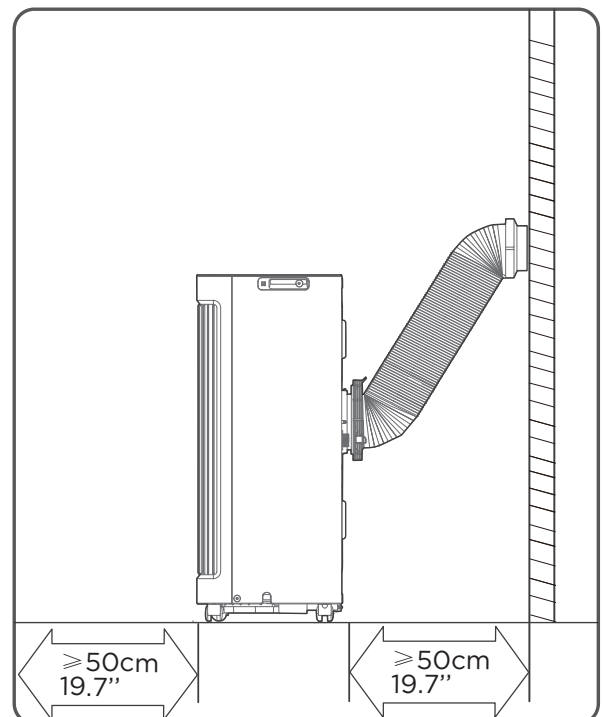
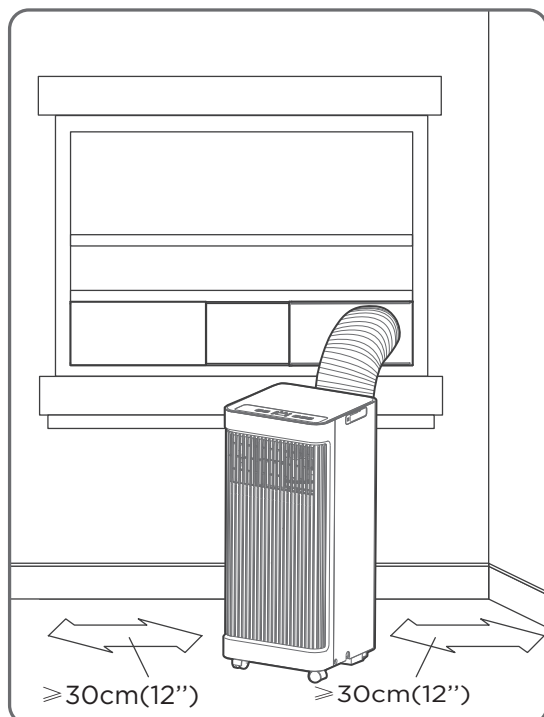
It gives a better idea of how well the unit performs in real conditions, not just in labs

## PRODUCT INSTALLATION LOCATION

### Your installation location should meet the following requirements:

- Install the unit on a flat, stable surface to reduce noise and vibration.
- The unit must be close to a grounded power socket, and the collection tray drain (at the back) should be easily reachable.
- Leave at least 30 cm (12") between the unit and nearest walls for proper air circulation. Also ensure the air outlet is at least 50 cm (19.7") clear from any obstacles.
- Do not cover the air intake, air outlet, or the remote control signal receptor - blocking these can damage the unit.

### Unit Installation Location Restricted Space Requirements



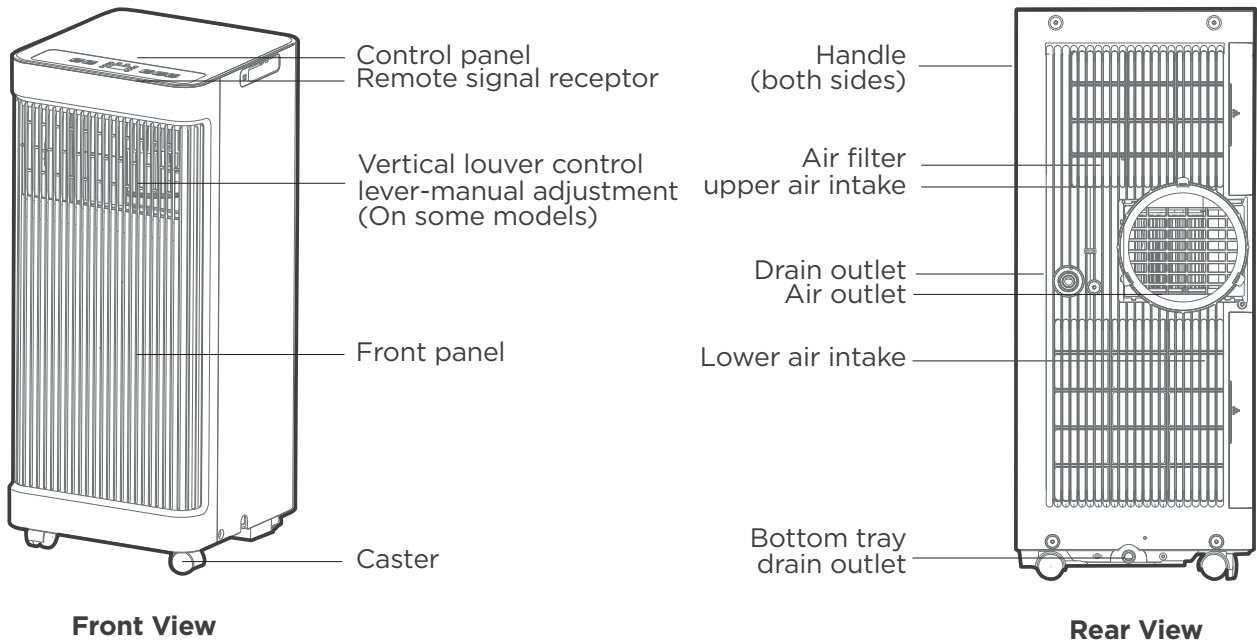
# PRODUCT OVERVIEW



## NOTE ON ILLUSTRATIONS:

All the illustrations in the manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail. The unit can be controlled by the unit control panel alone or with the remote controller. This manual does not include Remote Controller Operations, see the <<Remote Controller Instruction>> packed with the unit for details.

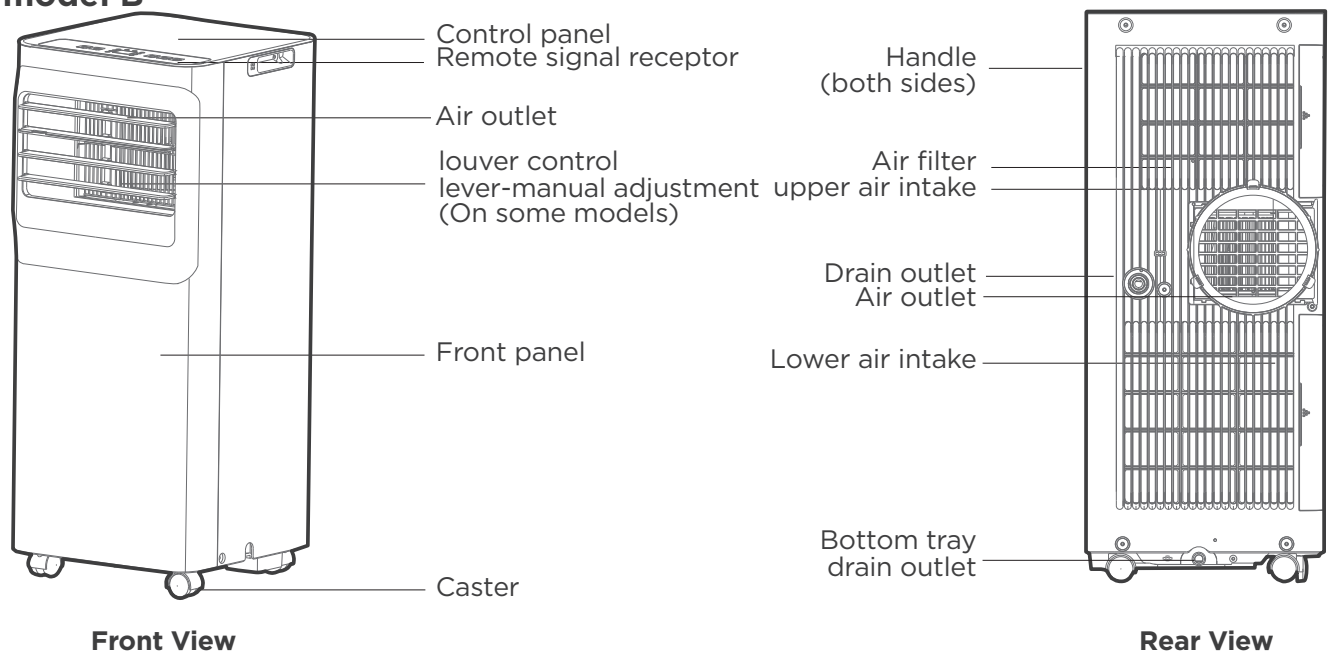
### model A



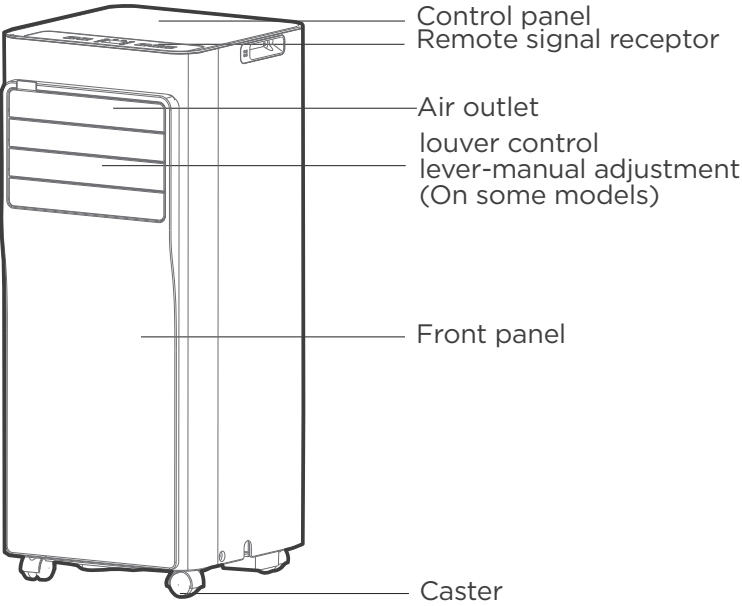
## Design Notice

In order to ensure the optimal performance of our products, the design specifications of the unit and remote control are subject to change without prior notice.

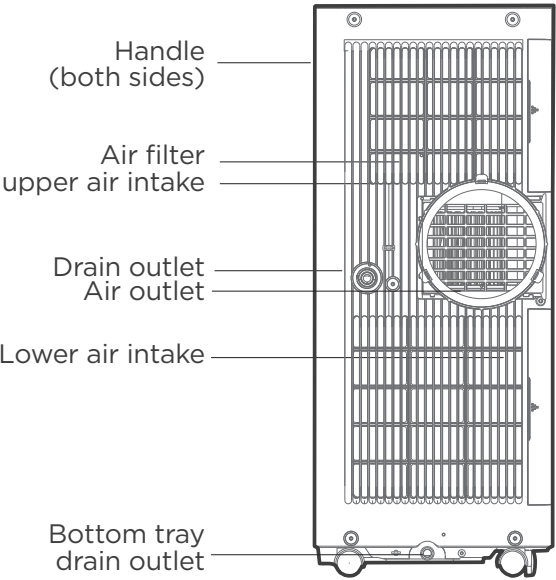
### model B



**model C**

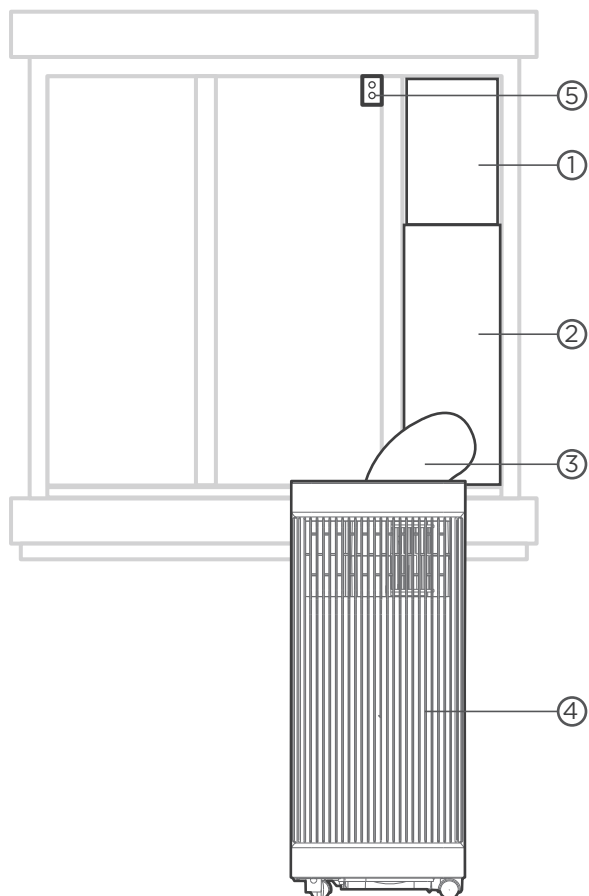


**Front View**

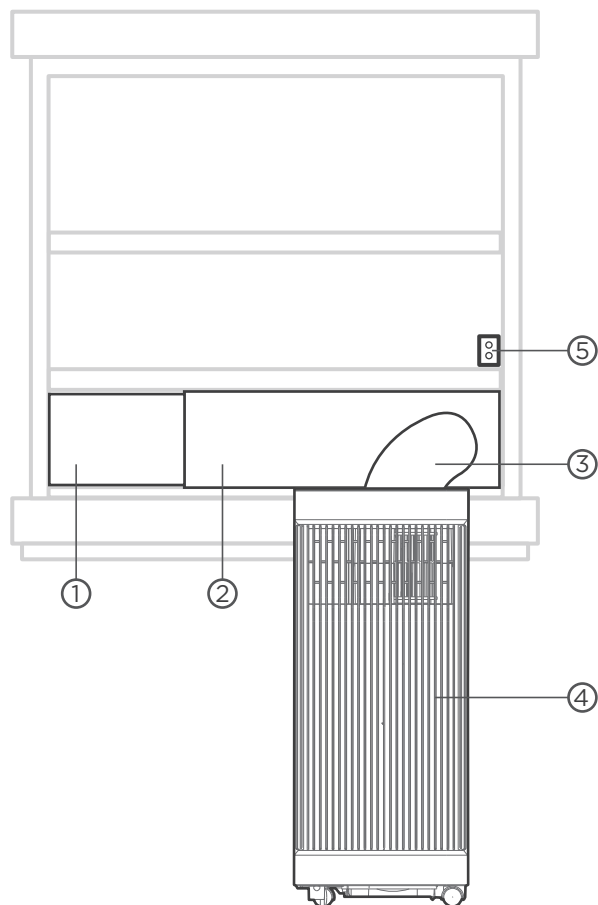


**Rear View**

# INSTALLATION OVERVIEW



**Sliding Window Installation**



**Hung Window Installation**

- ① Window Slider B      ② Window Slider A      ③ Extended Exhaust Hose
- ④ Local Air Conditioner      ⑤ Security Bracket and 2 Screws

## ● NOTE

Illustrations in this manual are for explanatory purposes. The actual shape of your indoor unit may be slightly different. The actual shape shall prevail.

## List of installation tools (not included)



Screwdriver & wrench



Pencil



A tape measure



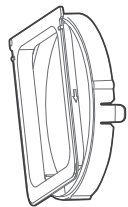
Scissors or Knife



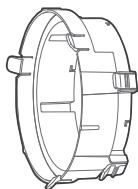
Saw (On some models, to shorten window adaptor for narrow windows)

Installation accessories

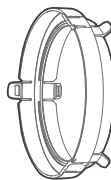
**NOTE**  
Items with (\*) are on some models. Slight variations in design may occur.



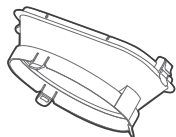
Unit Adaptor (1pc)



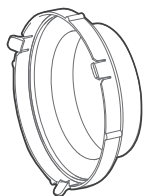
Window Slider Adaptor(1pc\*)



Exhaust Hose Adaptor(1pc\*)



Air exhaust passage(1pc\*)



Wall Exhaust Adaptor A  
(only for wall installation  
models)(1pc\*)



Foam Seal A (Adhesive)  
(2pc\*)



Foam Seal B (Adhesive)  
(2pc\*)



Foam Seal C (Non-adhesive)  
1 pc(\*)



Security Bracket and 2 Screws (1 set\*)



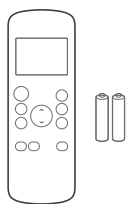
Drain Hose (1pc)



Exhaust Hose



Extended Exhaust Hose(1pc\*)



Remote Controller  
and Battery (only  
for remote control  
models)(1set\*)



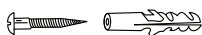
Bolt (1pc\*)



Drain Hose Adaptor (1pc\*)  
(only for heat pump mode)



Wall Exhaust Adaptor B  
(with cap)(only for wall  
installation models)1 pc(\*)



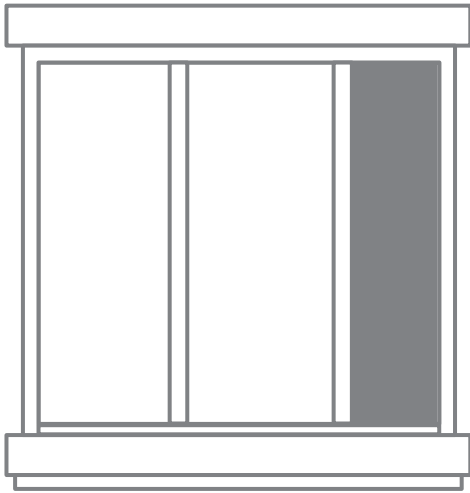
Screw and anchor  
(only for wall installation  
models)4 set(\*)



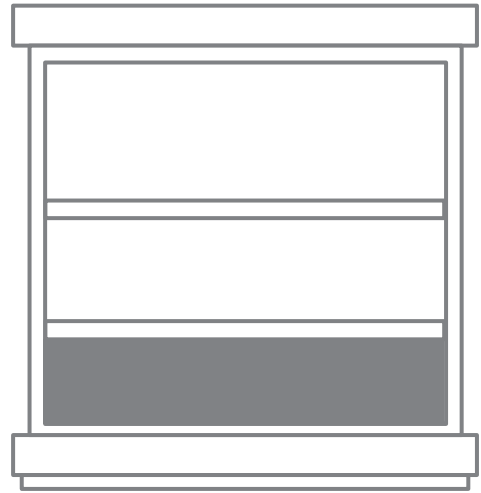
Window  
Slider A (1pc\*)

Window  
Slider B (1pc\*)

## Confirm your window type (window type and opening size of different types)

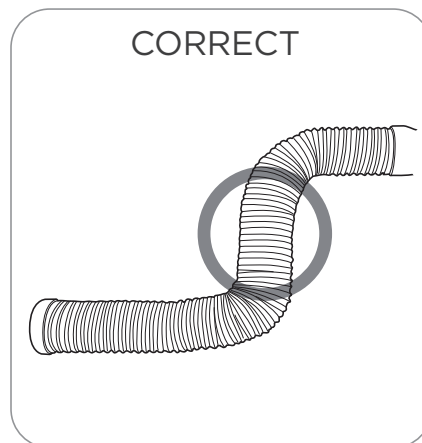
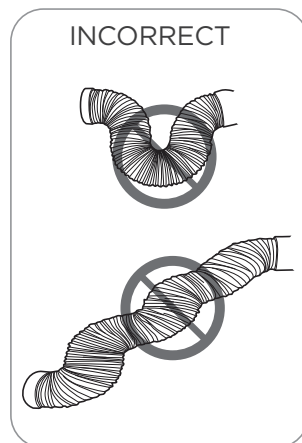


**Sliding Window Installation**



**Hung Window Installation**

## For optimal performance in operation



### **NOTE:**

**To ensure your portable air conditioner works properly:**

Do not overextend or bend the exhaust hose.

Make sure there are no obstacles within 50 cm (500 mm) around the exhaust hose outlet, so that air can flow out freely.

Proper hose setup is important for the unit to cool efficiently and avoid overheating.

*Note: The images in this manual are for illustration purposes only. Your actual unit may differ slightly in appearance—please refer to the actual product.*

# INSTALLATION GUIDE

## 1

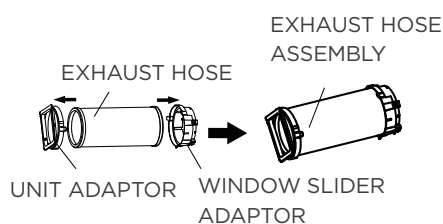
### The Exhaust Hose assembly installation (window type)

Press the exhaust hose (or extended exhaust hose) firmly into both the window slider adaptor and the unit adaptor. The hose will automatically lock in place with the elastic buckles on each adaptor.

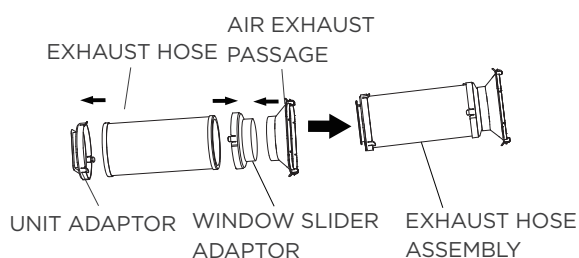


**NOTE:** Please install the exhaust hose assembly according to the fittings in your kit.

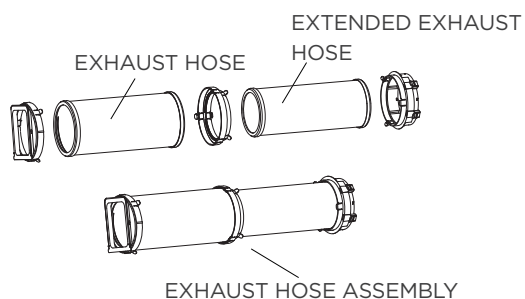
#### Model A



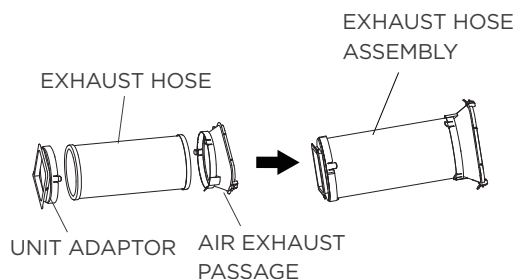
#### Model B



#### Model C



#### Model D



# 2

## Preparing the Adjustable Window Slider

Choose the window sliders according the size of your window. Sometimes, it needs to be cut short to meet the window size, please take extra care to cut it properly.

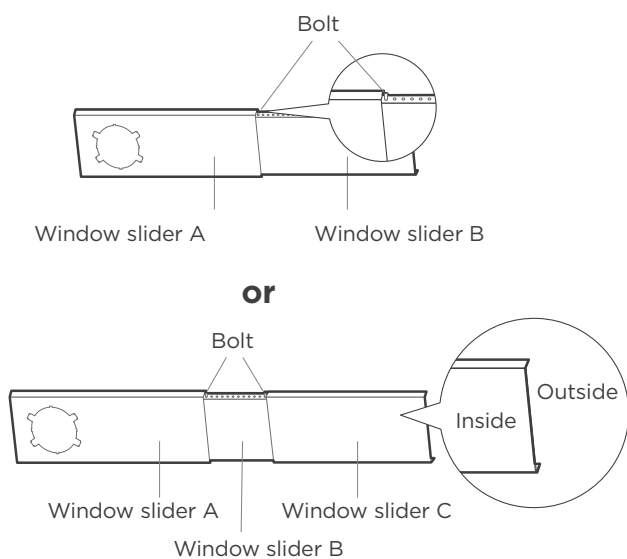
Use bolts to fasten the window sliders once they are adjusted to the Proper length.



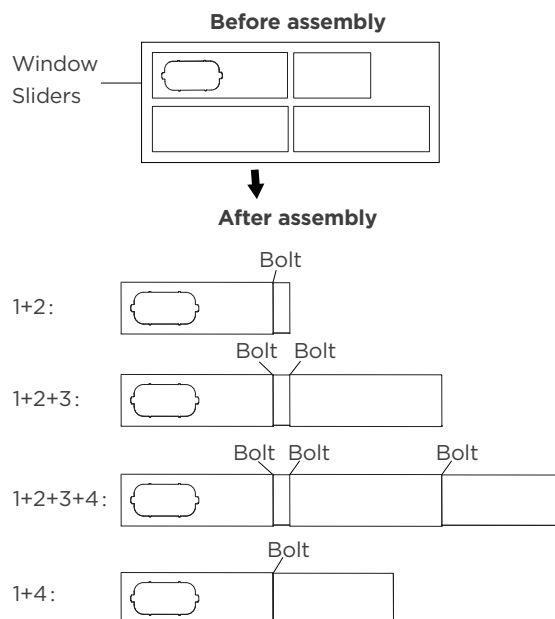
**NOTE:** Please base your window slider installation on the accessories in your kit and the width of your window.

## Connect the adaptor to the unit and the window

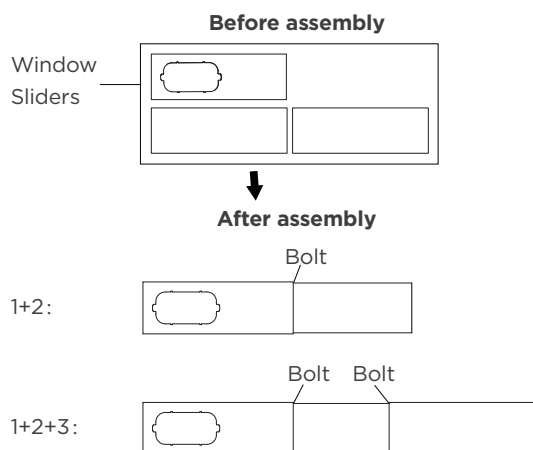
### MODEL A



### MODEL B



### MODEL C



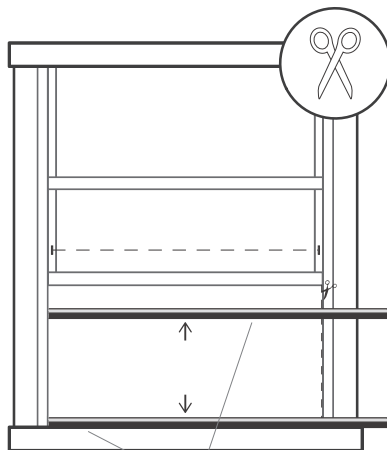


# 3

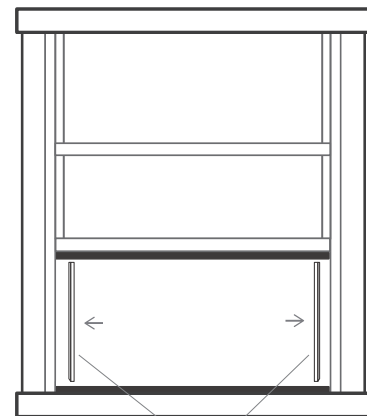
## Complete sealing of window

Cut the adhesive foam seal A and B strips to the proper lengths, and attach them to the window sash and frame as shown.

### Hung Window Installation

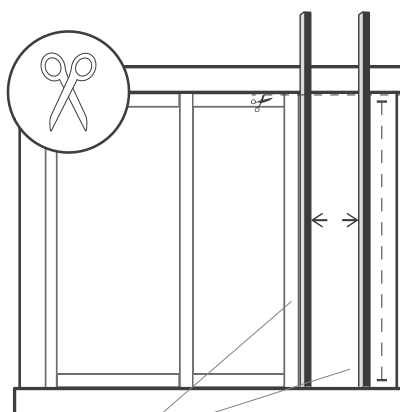


Foam seal A  
(Adhesive type)

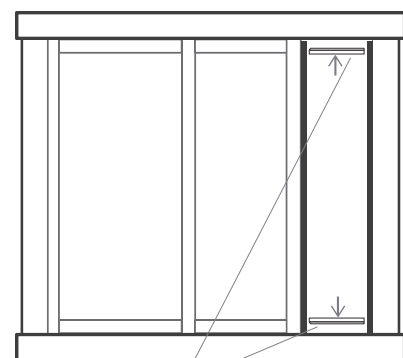


Foam seal B  
(Adhesive type-shorter)

### Sliding Window Installation



Foam seal A  
(Adhesive type)



Foam seal B  
(Adhesive type-shorter)

# 4

## Hung Window Installation

### Step 1:

Insert the window slider assembly into the window opening.

### Step 2:

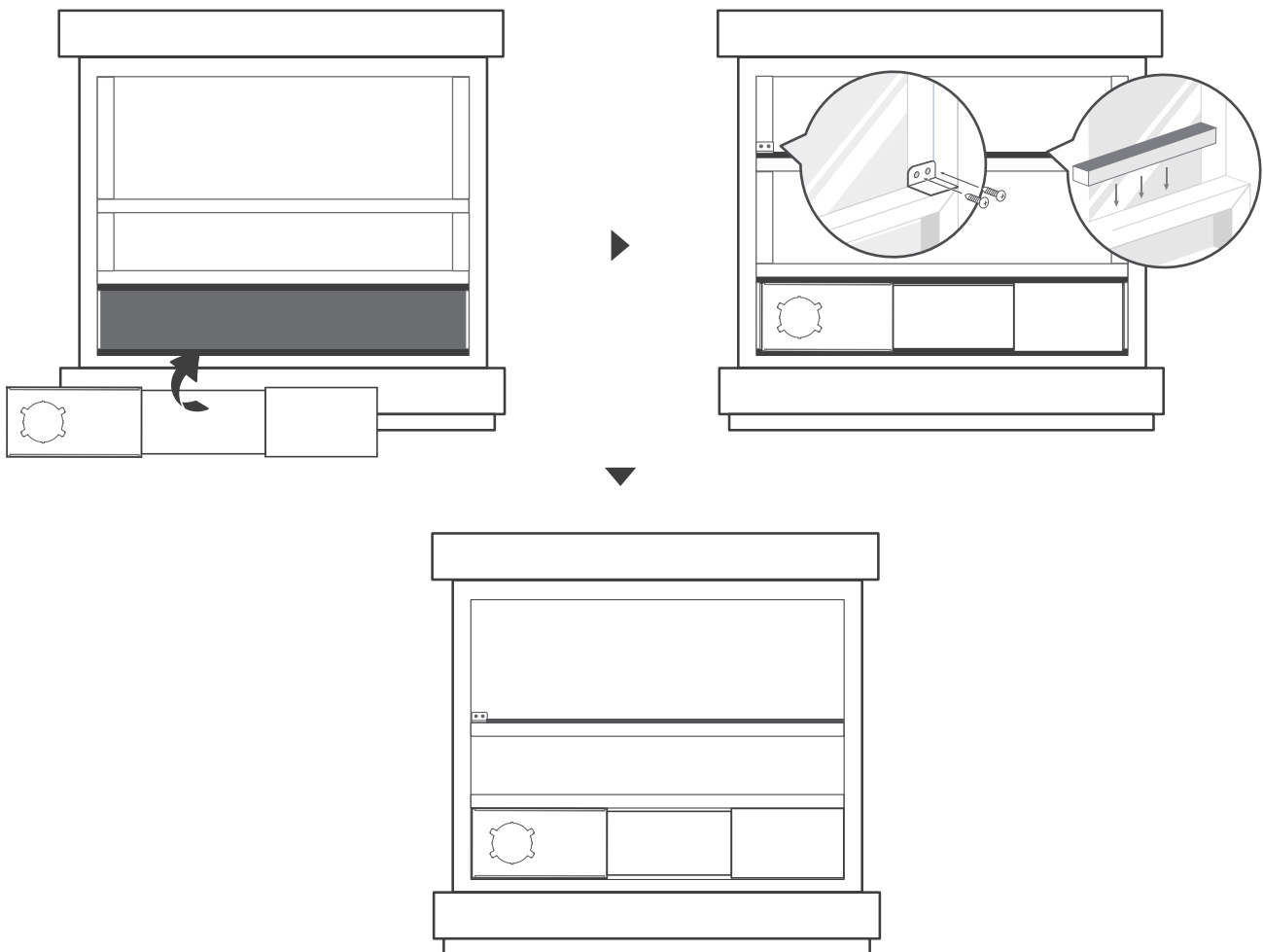
Cut the non-adhesive foam seal C strip to match the width of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.

### Step 3:

If desired, install the security bracket with 2 screws as shown.



**NOTE:** Once the Exhaust Hose assembly and Adjustable Window Slider are prepared, choose from one of the following two installation methods.



# 5

## Sliding Window Installation

### Step 1:

Insert the window slider assembly into the window opening.

### Step 2:

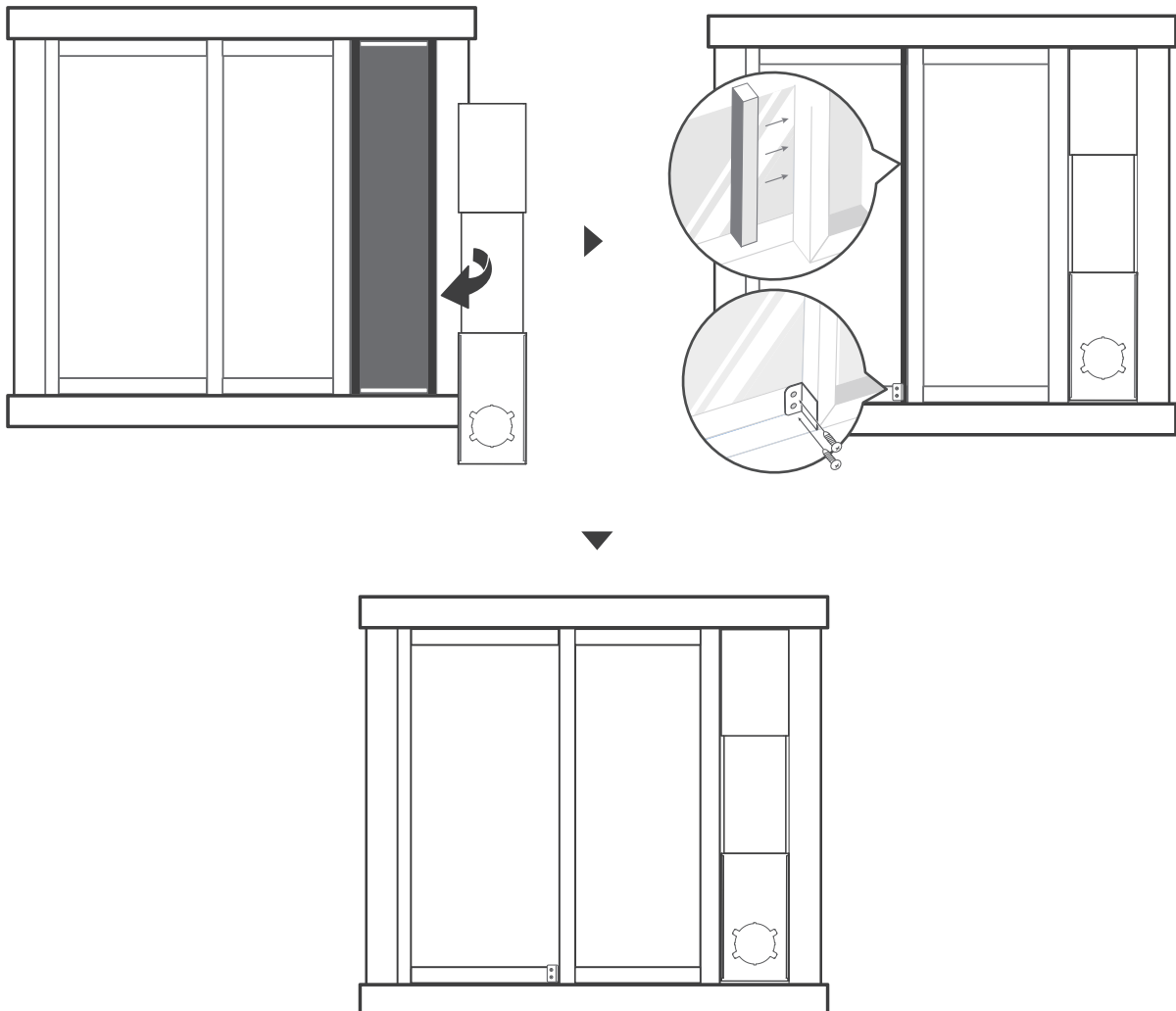
Cut the non-adhesive foam seal C strip to match the height of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.

### Step 3:

If desired, install the security bracket with 2 screws as shown.



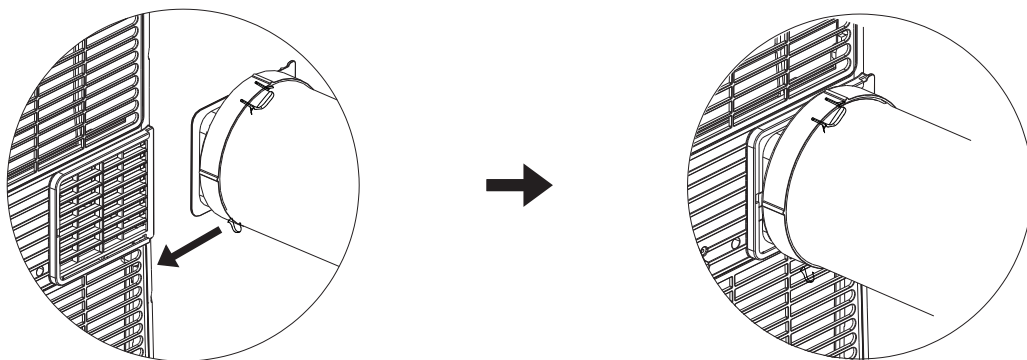
**NOTE:** Once the Exhaust Hose assembly and Adjustable Window Slider are prepared, choose from one of the following two installation methods.



6

## Install the Exhaust hose assembly to the unit

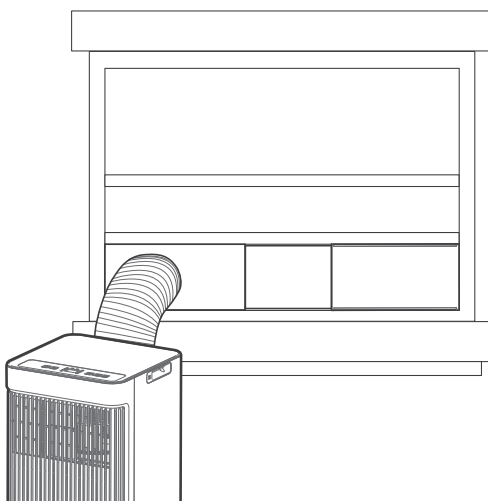
Push the Exhaust hose into the airoutlet opening of the unit along the arrow direction.



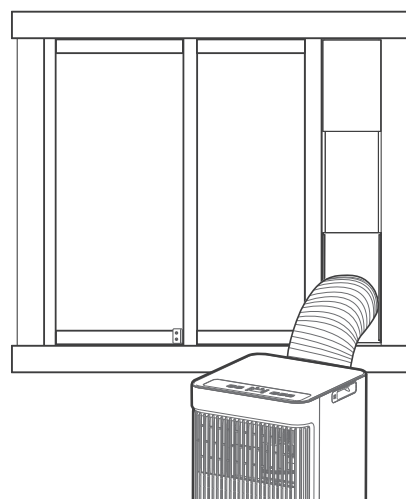
7

## Connect the adaptor to the unit and the window

Insert the window slider adaptor into the hole of the window slider.



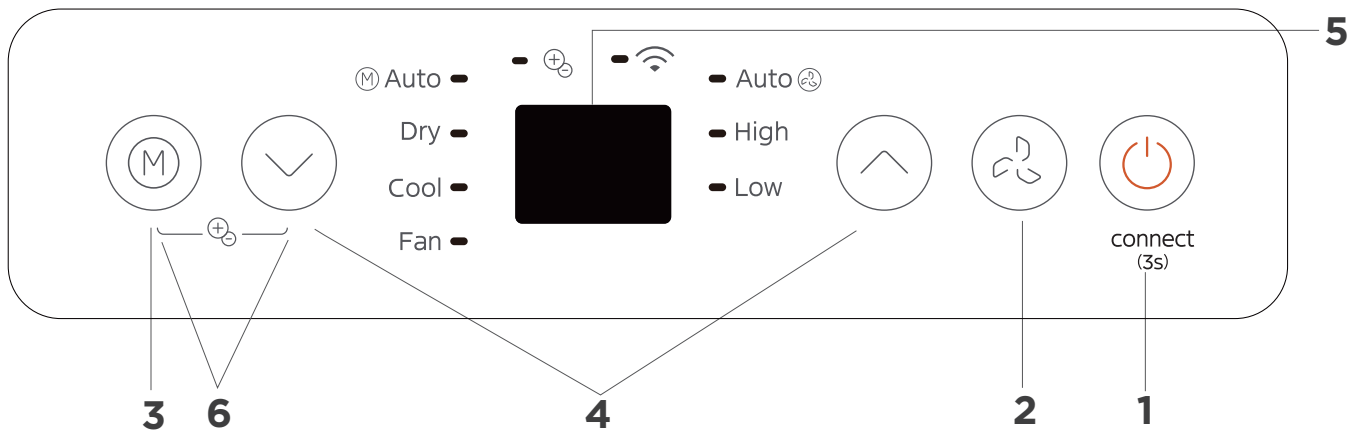
**Hung Window Installation**



**Sliding Window Installation**

# GET TO KNOW YOUR AC

## Electronic control operating instructions



### 1. POWER button

Press once to turn the unit ON or OFF.

#### Wireless operation (on some models)

##### To set up the wireless connection for the first time:

1. Press and hold the POWER button for 3 seconds.
2. The LED display will show "AP", meaning the unit is ready to connect.
3. Complete the connection to your router within 8 minutes.
4. Once connected, the unit will exit setup mode automatically and the Wi-Fi indicator will light up.
5. If connection fails within 8 minutes, it will exit setup mode automatically.

##### To turn off the wireless function:

Press POWER and DOWN (▼) buttons together for 3 seconds.

The display will show "OF" (Off) for 3 seconds.

##### To turn the wireless function back on:

Press POWER and UP (▲) buttons together for 3 seconds.

The display will show "On" for 3 seconds.

**NOTE:** When you restart the wireless function, it may take a moment to connect to the network automatically.

### 2. FAN button

Press to control the fan speed in three steps HIGH, LOW, and AUTO. The fan speed indicator light illuminates under different fan settings.

### 3. MODE button

Selects the appropriate operating mode. Each time you press the button, the mode is selected in a sequence that goes from AUTO, DRY, COOL and FAN. The mode indicator light illuminates under the different mode setting.

**NOTE:** In AUTO mode, the FAN speed will be adjusted automatically.

#### AUTO mode

Press the "MODE" button until the "Auto" indicator light comes on. In this mode, the fan speed or the temperature will be adjusted automatically.

## COOL mode

Press the "MODE" button until the "COOL" indicator light comes on.

Press the UP and DOWN buttons "∨" or "∧" to select your desired room temperature.

The temperature can be set within a range of 16°C~30°C/60°F~86°F.

Press the "FAN" button to choose the fan speed.

## DRY mode

Press the "MODE" button until the "Dry" indicator light comes on. In this mode, the fan speed or the temperature cannot be adjusted. The fan motor operates at Auto speed.

**NOTE:** Keep windows and doors closed for the best dehumidifying effect. Do not connect the duct to the window.

## FAN mode

Press the "MODE" button until the "FAN" indicator light comes on.

Press the "FAN SPEED" button on the remote controller to choose the fan speed. The temperature can not be adjusted.

Do not put the duct to window.

## 4. UP and DOWN buttons

Used to adjust (increasing/decreasing) temperature settings in 1°C/2°F (or 1°F) increments in a range of 16°C/60°F to 30°C/88°F (or 86°F).

**NOTE:** The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Up and Down buttons at the same time for 3 seconds.

## 5. Display

Shows the set temperature while on Cool, or Auto mode. It shows the room temperature on DRY and FAN modes.

### Shows Error codes:

EH00-EEPROM error.

EH60-Room temperature sensor error.

EH61-Evaporator temperature sensor error.

EC52-Condenser temperature sensor error (on some models).

EH0b-Display panel communication error.

Shows protection code:

P1-Bottom tray is full--Connect the drain hose and drain the collected water away. If protection repeats, call for service.

**NOTE:** When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact the manufacturer, its service agents or a similar qualified person for service.

## 6. FRESH operation (on some models)

Press MODE and DOWN (-) buttons at the same time for 3 seconds to initiate FRESH feature and the FRESH light illuminates on some models, the LED DISPLAY shows "On" for 3 seconds. The ion generator is energized and will help to purify the air inside. Press it for 3 seconds again to stop the FRESH feature and the FRESH light turn dark on some models, the LED DISPLAY shows "OF" for 3 seconds for some units.

## 7. Other features

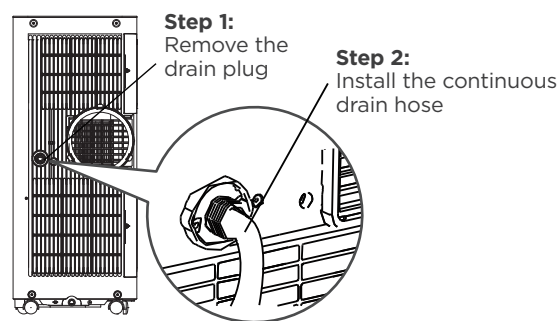
### FOLLOW ME/TEMP SENSING feature (On some models)

This feature can be activated from the remote control ONLY. There is no indicator light on the control panel. The remote control serves as a remote thermostat allowing for the precise temperature control at its location. To activate the Follow Me/Temp Sensing feature, point the remote control towards the unit and press the Follow Me/Temp Sensing button. The remote control will send this signal to the AC until press the Follow Me/Temp Sensing button again. If the unit does not receive the Follow Me/Temp Sensing signal during any 7 minutes interval, the unit will exit the Follow Me/Temp Sensing mode.

NOTE: This feature is unavailable under FAN or DRY mode.

# DRAINAGE GUIDE

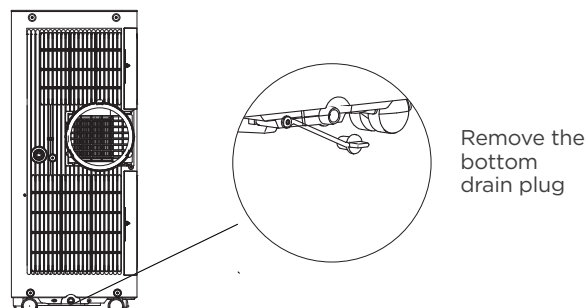
## Dehumidifying Mode Drainage Guide



During dehumidifying modes, remove the drain plug from the back of the unit, install the drain connector (5/8" universal female mender) with 3/4" hose (locally purchased). For the models without drain connector, just attach the drain hose to the hole. Place the open end of the hose directly over the drain area in your basement floor.

**NOTE:** Make sure the hose is secure so there are no leaks. Direct the hose toward the drain, making sure that there are no kinks that will stop the water flowing. Place the end of the hose into the drain and make sure the end of the hose is down to let the water flow smoothly. When the continuous drain hose is not used, ensure that the drain plug is installed firmly to prevent leakage.

## Water collection tray Drainage Guide



When the water level of the bottom tray reaches a predetermined level, the unit beeps 8 times, the digital display area shows "P1". At this time the air conditioning/dehumidification process will immediately stop. However, the fan motor will continue to operate (this is normal). Carefully move the unit to a drain location, remove the bottom drain plug and let the water drain away. Reinstall the bottom drain plug and restart the machine until the "P1" symbol disappears. If the error repeats, call for service.

**NOTE:** Be sure to reinstall the bottom drain plug firmly to prevent leakage before using the unit.

# CLEANING AND MAINTENANCE

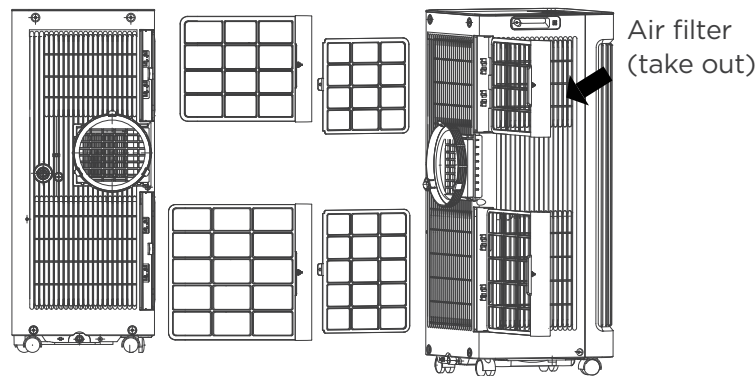
## How to clean & maintenance your AC.

### Air Filter & Cabinet Cleaning

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

### Maintenance Tips

- Be sure to clean the air filter every 2 weeks for optimal performance.
- The water collection tray should be drained immediately after P1 error occurs, and before storage to prevent mold.
- In households with animals, you will have to periodically wipe down the grill to prevent blocked airflow due to pet hair.



**Remove the air filter**

### CAUTION:



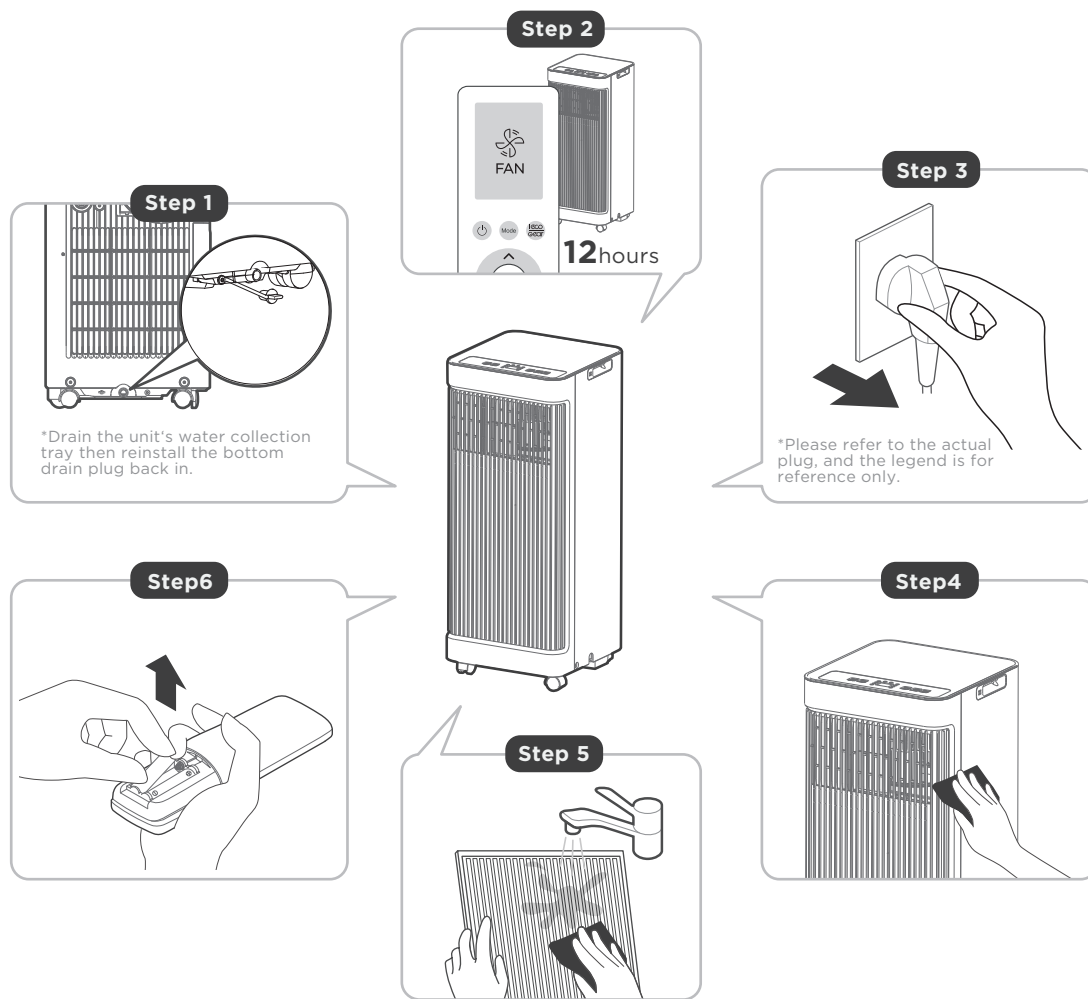
- Always unplug the unit before cleaning or servicing.
- DO NOT use flammable liquids or chemicals to clean the unit.
- DO NOT wash the unit under running water. Doing so causes electrical danger.
- DO NOT operate the machine if the power supply was damaged during cleaning. A damaged power cord must be replaced with a new cord from the manufacturer.

### ⚠ CAUTION

**DO NOT** operate the unit without filter because dirt and lint will clog it and reduce performance.



# STORING THE UNIT WHEN NOT IN USE



- Drain the unit's water collection tray according to the instructions in the following section.
- Run the appliance on FAN mode for 12 hours in a warm room to dry it and prevent mold.
- Turn off the appliance and unplug it.
- Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
- Remove the batteries from the remote control.

## NOTE


Note: Be sure to store the unit in a cool, dark place. Exposure to direct sunshine or extreme heat can shorten the lifespan of the unit.

Note: The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry. Never use harsh cleansers, wax or polish on the cabinet front. Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the unit.

# TROUBLESHOOTING

Problem	Possible Causes	Solution
<b>Unit does not turn on when pressing ON/OFF button</b>	P1 Protection Code	The Water Collection Tray is full. Turn off the unit, drain the water from the Water Collection Tray and restart the unit.
	In COOL mode: room temperature is lower than the set temperature	Reset the temperature
<b>Unit does not cool well</b>	The air filter is blocked with dust or animal hair	Turn off the unit and clean the filter according to instructions
	Exhaust hose is not connected or is blocked	Turn off the unit, disconnect the hose, check for blockage and reconnect the hose
	The unit is low on refrigerant	Call a service technician to inspect the unit and top off refrigerant
	Temperature setting is too high	Decrease the set temperature
	The windows and doors in the room are open	Make sure all windows and doors are closed
	The room area is too large	Double-check the cooling area
	There are heat sources inside the room	Remove the heat sources if possible
<b>The unit is noisy and vibrates too much</b>	The ground is not level	Place the unit on a flat, level surface
	The air filter is blocked with dust or animal hair	Turn off the unit and clean the filter according to instructions
<b>The unit makes a gurgling sound</b>	This sound is caused by the flow of refrigerant inside the unit	This is normal

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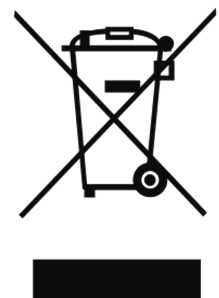
All the described functions and instructions were up to date at the time of printing this manual. However, the actual product may vary due to improved functions and designs.

## DISPOSAL AND RECYCLING

### **Important instructions for environment(European Disposal Guidelines)**

Compliance with the WEEE Directive and Disposing of the Waster Product:  
This product complies with EU WEEE Directive. This product bears a classification symbol for waster electrical and electronic equipment (WEEE).

This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to official collection point for recycling of electrical electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was purchased. Each household performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.



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