



PORTABLE AIR CONDITIONER **INSTRUCTION MANUAL**

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This product has been determined to be in compliance with the Low Voltage Directive (2006/95/EC), and the Electromagnetic Compatibility Directive (2004/108/EEC) of the European Union.



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(When using this air conditioner in European countries, the following guidance must be followed)

- This marking shown on the product or its literature, indicates that waste electrical and electronic equipment (WEEE as in directive 2002/96/EC) should not be mixed with general household waste.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

1. The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
2. When buying a new product, the retailer will take back the old product at least free of charge.
3. The manufacture will take back the old appliance for disposal at least free of charge to the user.
4. As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.

Model Name	Size	Power Supply
51QPD009N*	466x397x765	220-240V ~ 50Hz
51QPD012N*	466x397x765	

The manufacturer reserves the right to change any product specifications without notice.

1. SAFETY PRECAUTIONS

- Read this manual before using the product!
 - 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. Cleaning and user maintenance shall not be made by children without supervision.
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WARNING

This symbol indicates the possibility of personnel injury or loss of life.

- **The task of maintenance or repair this product must only be performed by suitably qualified and experienced persons.**
Incomplete repair or maintenance may result in water leakage, electric shock or fire.
- **Keep ventilation openings in the unit enclosure clear of obstructions. Ensure that there is at least 30cm of clear space around the unit.**
- **All wiring must comply with local and national electrical codes and be installed by qualified service agent.**
- **This unit is grounded through the power cord plug when plugged into a matching wall outlet. Make sure it is properly grounded.**
Improper grounded may result in electric shock.
- **Do not use extension cord or share the same power outlet with other appliances.**
Check the available power supply and resolve any wiring issues before installation and operation.
- **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.**
- **In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.**
- **If the unit is knocked over during use, turn off the unit and unplug immediately. Leave the unit to settle for a few hours before using.**
Or else the unit may initiate the auto-cu off function.
- **Do not use flammable gas or combustibles such as gasoline, benzene, thinner, etc. in the conditioned space.**
This may result in a fire.
- **Keep this appliance away from heat sources.**
This may result in unit damaged or fire.
- **Operating with wet hands may result in electrical shock.**
- **Do not operate the unit in a wet room such as bathroom or laundry room.**
This may result in electric shock.
- **Do not inset hands or fingers or other objects into the air inlet or outlet at any time.**
This may cause injury, as the internal fan rotates at high speed.

1. SAFETY PRECAUTIONS

CAUTION

This symbol indicates the possibility of property damage or serious consequences.

- This product is intended for human comfort **ONLY**.
- Do not block air inlets or outlets. Poor performance, increased running costs and reduce product life will result.
- Do not place the unit in front of drapes, curtains or other hangings.
In case they fall against the air inlet.
- The unit should be used in such a way that it is protected from moisture. Do not place any objects on top of unit, especially the one containing water.
- Do not control the system with main power switch.
It can cause fire or water leakage.
- Store the remote control out of reach of infants.
Failure to observe this may result in the batteries being swallowed or other accidents.
- Always transport the unit in a vertical position.
- Ensure the unit is securely placed on a stable, level surface.
- Disconnect the unit when unused for long periods. Place and store away from direct sunlight.
- Disconnect **BEFORE** cleaning or servicing.
This may result in electric shock.
- Do not wet the housing or control panel or never use strong detergents, solvents or abrasive polish on the product.
- Never remove any fixed cover.
- Regular high level maintenance of the units is essential.
Specialist MAINTENANCE is required to do deep-clean, lubricate and function check of all critical components. Contact a suitable service provider.

This product contains fluorinated gases covered by the Kyoto Protocol

Chemical Name of Gas	R410A
Global Warming Potential (GWP) of Gas	2088
<p> CAUTION</p> <ol style="list-style-type: none"> 1. Clearly write the charged refrigerant quantity on the refrigerant label using indelible ink. 2. Prevent emission of the contained fluorinated gas. Ensure that the fluorinated gas is never vented to the atmosphere during installation, service or disposal. When any leakage of the contained fluorinated gas is detected, the leak shall be stopped and repaired as soon as possible. 3. Only qualified service personnel are allowed to access and service this product. 4. Any handling of the fluorinated gas in this product, such as when moving the product or recharging the gas, shall comply under (EC) Regulation No. 842/2006 on certain fluorinated greenhouse gases and any relevant local legislation. 5. Contact dealers, installers, etc., for any questions. 	

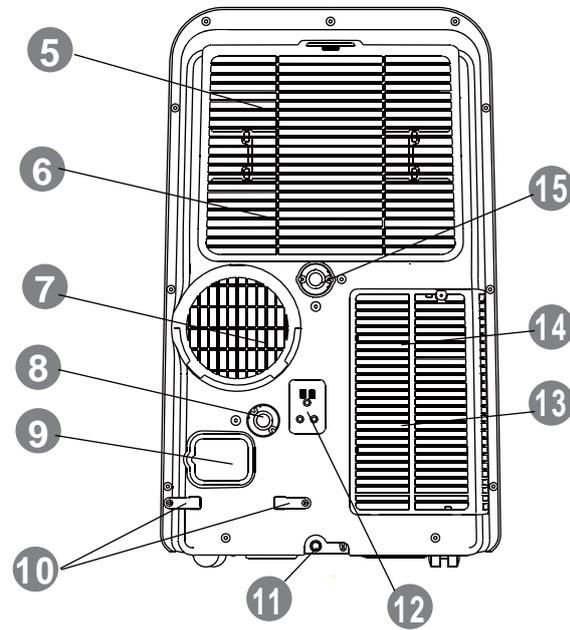
2. GENERAL OVERVIEW

2.1 PART NAMES



FRONT VIEW

- ① Control Panel
- ② Louver
- ③ Casters
- ④ Recessed Handle



REAR VIEW

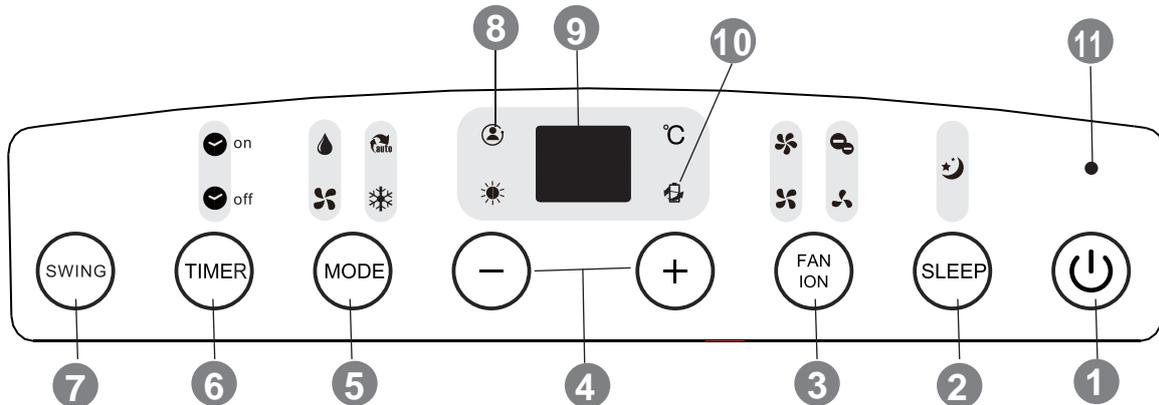
- ⑤ Upper Air Filter
- ⑥ Upper Air Intake
- ⑦ Exhaust Air Outlet
- ⑧ Drain Outlet 1
- ⑨ Power Cord Outlet
- ⑩ Power Cord Brackets (Storage use only)
- ⑪ Bottom Tray Drain Outlet
- ⑫ Plug Socket (Storage use only)
- ⑬ Lower Air Filter
- ⑭ Lower Air Intake
- ⑮ Drain Outlet 2

2.2 ACCESSORIES

Name of Accessories	Shape	Q'ty(pc)	Name of Accessories	Shape	Q'ty(pc)
Drain Tube and Adapter		1	Exhaust hose		1
Battery		2	Exhaust hose Adapter A		1
Remote Controller		1	Exhaust hose Adapter B (Flat mouth)		1
Window slider Kit and Bolt		1	Exhaust hose Adapter C (Round mouth)		1
Seal Sponge		3	Wall exhaust adapter		1
Instruction Manual Remoter controller Manual		2	Screw and Anchor		4

2. GENERAL OVERVIEW

2.3 CONTROL PANEL



1 ON/OFF Button

Operation starts when this button is pressed and stops when this button is pressed again.

2 SLEEP Button

Active/Disable sleep function. The lamp ☾ will be on when sleep function is activated.

3 FAN Button

Press this button to select the fan speed.



ION Button*

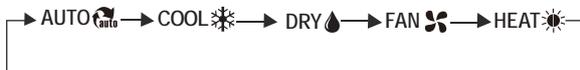
When press this button more than 3 seconds, the lonizer function will be activated (the lamp ☽ will be on), press more than 3 seconds again to disable.

4 + / - Button

Press this button to increase/decrease setting temperature.

5 MODE Button

Press the mode button repeatedly to change operation mode.



6 TIMER Button

Press this button to initiate unit's auto on/off time.

7 SWING Button

Set the louver to auto-swing or stop swinging.

8 FOLLOW ME Lamp*

This lamp will be on while follow me function is activated.

9 LED Display

It indicates the set temperature or auto timer setting. While on DRY or FAN modes, it indicates the room temperature.

10 POWER MANAGEMENT Lamp

In Cool/Heat mode, when the ambient temperature is lower/higher than the set temperature for a period of time, the compressor and fan motor will stop automatically. This lamp will be on, indicating that Power Management is activated.

11 POWER Lamp

[*] Model dependent

NOTE

- All the pictures in this manual are for explanation purpose only. They may be slightly different from the air conditioner you purchased (Model dependent).The actual shape shall prevail.
- A guide on using the remote controller is included in this literature packaged.

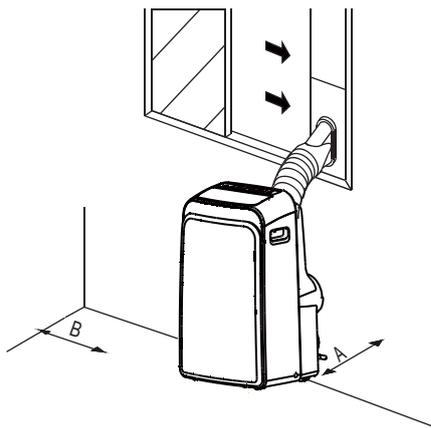
3. PREPARING FOR OPERATION

CAUTION

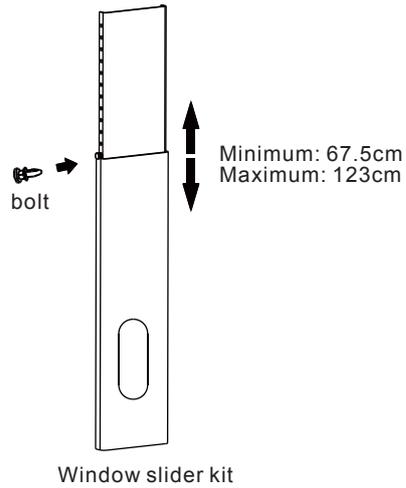
- The unit should be placed on a firm foundation to minimize noise and vibration. Make sure the floor is strong enough to support the unit.
- Never place any obstacles around the air inlet or outlet of unit.

3.1 INSTALLING THE EXHAUST HOSE

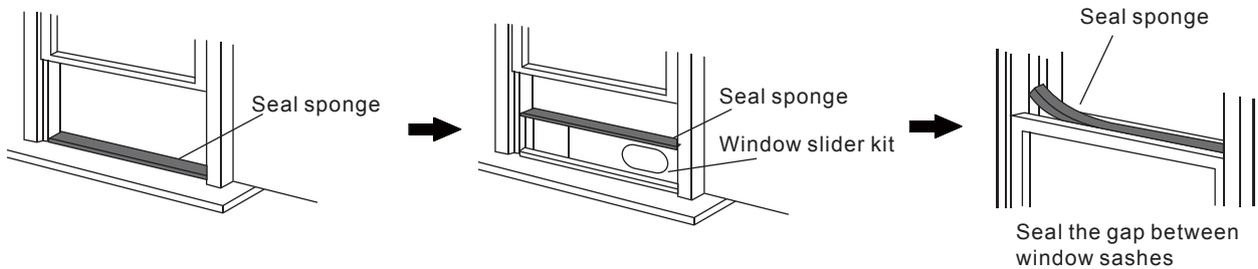
3.3.1 Window slider kit installation



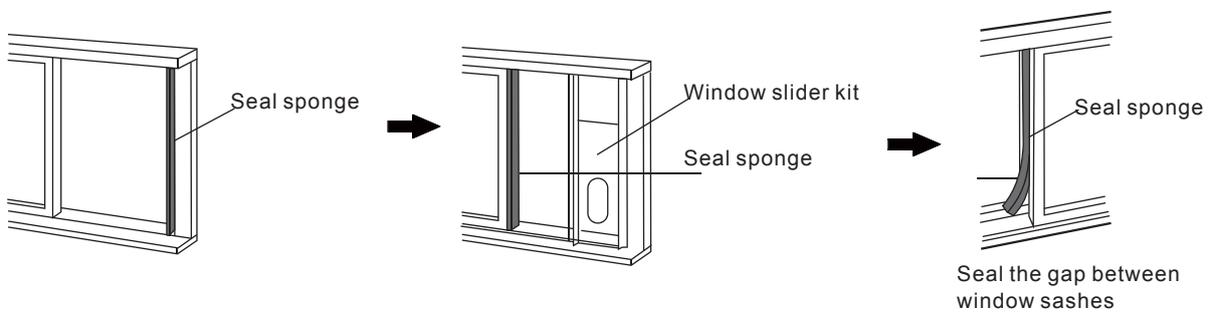
Clearance from other obstracles
A:30cm-100cm B:≥30cm



■ How to install the window slider kit

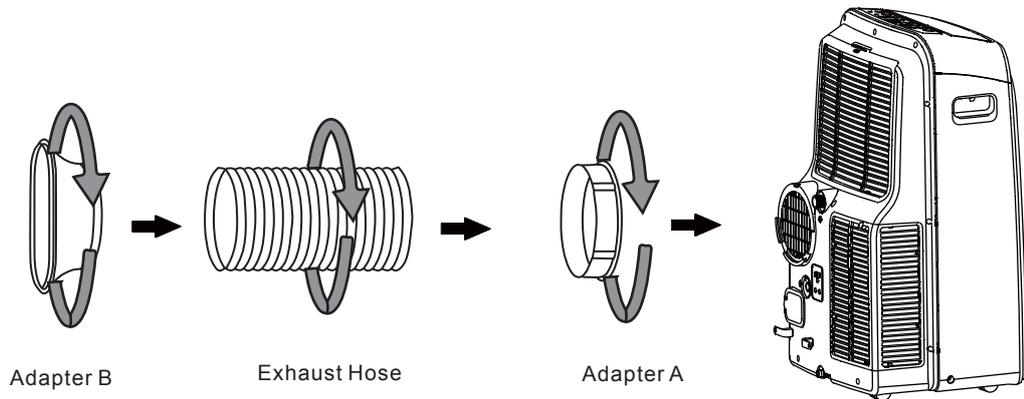


OR

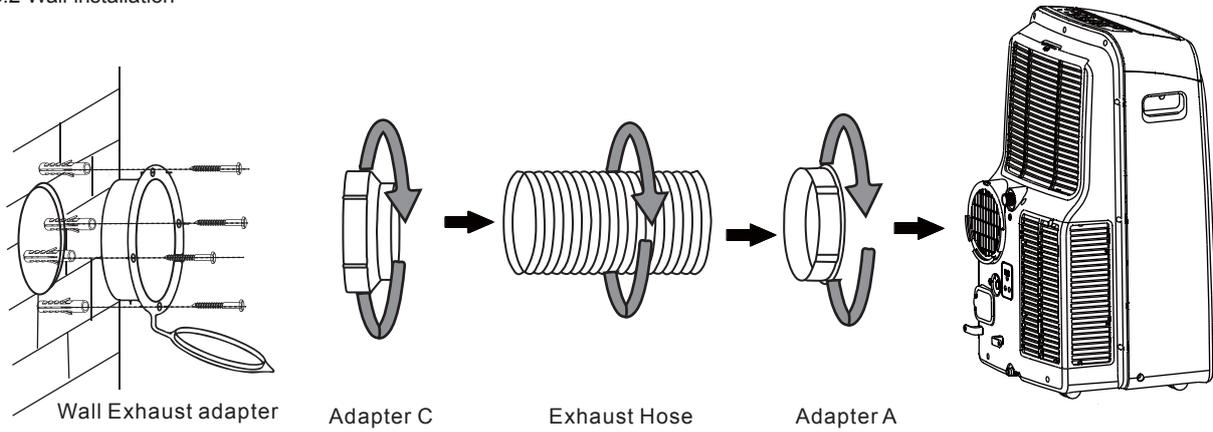


3. PREPARING FOR OPERATION

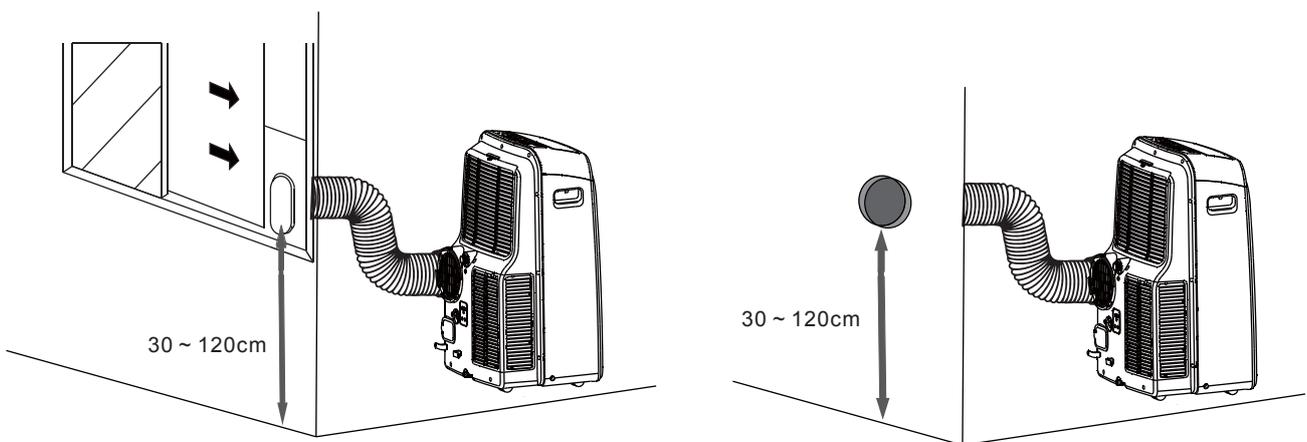
■ How to install the exhaust hose



3.3.2 Wall installation



3.3.3 The height of exhaust hose outlet.



NOTE

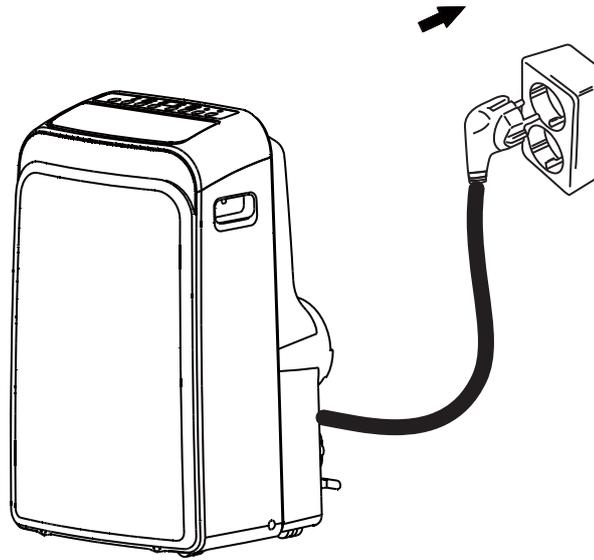
- Do not over bend the exhaust hose.
- Cover the hold by using the adaptor cap (wall installation) when not in use.

3. PREPARING FOR OPERATION

3.2 CONNECT TO MAIN SUPPLY

CAUTION

- The unit should be placed within reach of a properly rated grounded socket.
- Power plug must be securely inserted into the socket outlet.
- Do not use extension cord , adapter or share the same power outlet with other appliance.
- Do not trap the power cord in any way.



4. OPERATION

4.1 OPEATING CONDITIONS

Mode	Opeating Conditions
Cooling Mode	17 ~ 35°C DB
Dry Mode	13 ~ 35°C DB
Heating Mode	5 ~ 30°C DB

Note: DB - Dry Bulb

- Optimum performance will be achieved within these operating temperatures.
- When the unit operates above or below these conditions for a long time, system diagnostics may detect a malfunction and the unit will not operate properly.
- Room relative humidity - less than 80%. If the air conditioner operates outside this range, the surface of the air conditioner may attract condensation.

4. OPERATION

4.2 OPERATION

Basic Operation Modes: **COOL / DRY / HEAT / FAN / AUTO**

COOL Mode

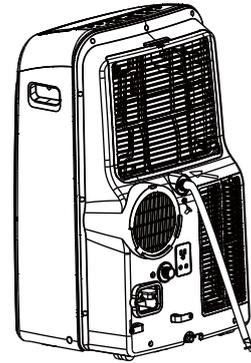
- 1) Press **MODE** and select ☀ ;
- 2) Press **+/-** on the unit or **TEMP** on the remote control to select the temperature.
- 3) Press **FAN** on the unit or remote control to select the fan speed.

DRY Mode

- 1) Connect the drain hose as figure shown.
- 2) Press **MODE** and select 💧 ;

NOTE:

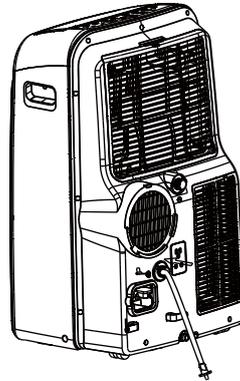
- Please remove the exhaust hose before **DRY** operation.
- Fan speed and temperature can not be adjusted under **DRY** mode.
- When stop the **DRY** operation, make sure all water is drained before removing the drain tube and inserting the drain outlet plug onto the back of unit.



Under DRY Operation

HEAT Mode

- 1) Connect the drain hose as figure shown (different drain port from that of **DRY** mode).
- 2) Press **MODE** and select ☀ ;
- 3) Press **+/-** on the unit or **TEMP** on the remote control to select the temperature.
- 4) Press **FAN** on the unit or remote control to select the fan speed.



Under HEAT Operation

FAN Mode

- 1) Press **MODE** and select 🌀 ;
- 2) Press **FAN** on the unit or remote control to select the fan speed.

NOTE:

- Temperature can not be adjusted under **FAN** mode.

AUTO Mode

Press **MODE** and select 🔄 ;

NOTE:

- In this setting the system will automatically change modes and fan speed to the set temperature.
- In spring and autumn, closer temperature control may require **COOL/HEAT** mode changes.
- Fan speed and temperature can not be adjusted under **AUTO** mode.

Special Functions

SWING FUNCTION

- The louver can only be adjusted when the unit is switched on.
- Press **SWING** to initiate auto-swing. Press **SWING** again to stop the louver from swinging.

NOTE:

- Do not adjust the louver manually.

TIMER FUNCTION

Auto ON/OFF time can be set by control panel or remote controller.

On control panel:

When the unit is switched on:

- 1) Press **TIMER**. The ⏻ OFF will be illuminated.
- 2) Set the auto off time by pressing **+/-**. Press **TIMER** to confirm. Then the ⏻ ON will be illuminated.
- 3) Set the auto on time by pressing **+/-**. Press **TIMER** to confirm. Both ⏻ ON/OFF will be illuminated. The unit is now programmed to auto on/off.

When the unit is switched off:

- 1) Press **TIMER**. The ⏻ ON will be illuminated.
- 2) Set the auto on time by pressing **+/-**. Press **TIMER** to confirm. Then the ⏻ OFF will be illuminated.
- 3) Set the auto off time by pressing **+/-**. Press **TIMER** to confirm. Both ⏻ ON/OFF will be illuminated. The unit is now programmed to auto on/off.

NOTE:

- To set the **TIMER** function with remote controller, please refer to instruction in remote controller manual.
- To cancel the auto on/off time setting, press the **ON/OFF** button, or set the timer to 0,0.

4. OPERATION

FOLLOW ME Function*

When the Follow Me function is activated, the remote display is actual temperature at its location. And the remote controller will send this signal to the unit every 3 minutes interval until press the **FOLLOW ME** button again.

NOTE:

- The Follow Me function is not available under **DRY** and **FAN** mode.

IONIZER Function*

Negative ions are added to the air to simulate the effects of forests and waterfalls on humans.

SLEEP FUNCTION

When selected, the set temperature will increase (cooling) or decrease (heating) by 1°C per 30 minutes for the first 1 hours. Thereafter it keeps this new temperature for 7 hours before quitting the **SLEEP** mode.

This operation saves energy and improves night time comfort by synchronising with the body's metabolism.

Compressor Delay

At start-up, a time delay of 3 to 4 minutes protects the compressor.

Cold Draft Prevention

To avoid uncomfortable drafts in heating mode, the indoor unit is preheated before the fan starts. This delay should only last a few minutes.

Auto Defrost

Ice develops on the outdoor unit in heating mode. To defrost this ice, the indoor fan stops for a few minutes before heating continues.

Auto Restart*

The unit will automatically restart after a power interruption. Previous user settings are all recovered.

Water Tray Full Protection Function

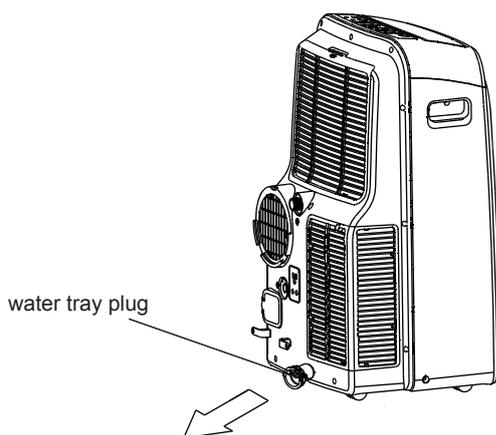
When the LED display shows "P1", it means the bottom tray is full of water and needs draining. The unit will stop automatically and can not be restarted until the water is drained.

- 1) Move the unit to a drain location.
- 2) Remove the bottom tray drain outlet cover and plug.
- 3) After the water is fully drained, put back the plug and cover.
- 4) Switch on the unit until "P1" disappears.

NOTE:

- If "P1" continues to display, unplug the unit and call for qualified service personnel for assistance.

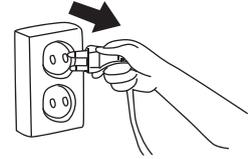
[*] Model dependent



5. CARE AND MAINTENANCE

⚠ CAUTION

- DISCONNECT from power source BEFORE attempting to clean or service!
- Use a soft damp cloth when cleaning the grille, casing and remote control.
- Always contact a qualified service personnel to carry out repair or any non-user serviceable maintenance, such as deep-cleaning, lubricate and function check of critical component.



■ General Cleaning

Use a soft damp cloth when cleaning the grille, casing and remote controller.

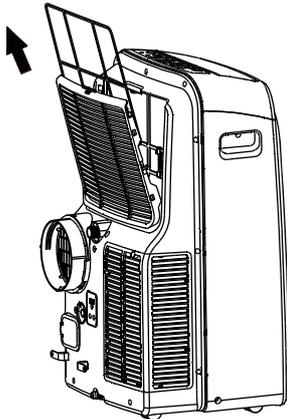
- No chemicals e.g. detergents, solvents, abrasive polish, etc.
- No heat (over 40 °C)

■ Cleaning The Air Filter

To maintain the good performance, regularly inspect air filters and clean them if required.

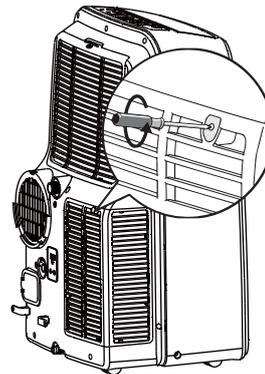
Remove the Upper filter

- Pull open the grille
- Take out the filter



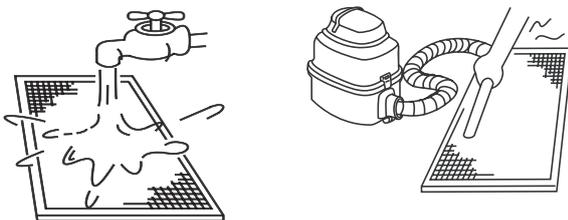
Remove the Lower filter

- Unscrew the grille
- Take out the filter



Clean the air filter

Vacuum cleaner or pure water may be used to clean the air filter. If the dust accumulation is too heavy, please use soft brush and mild detergent to clean it and dry out in cool place. Re-install the air filter after ensuring filter is thoroughly dry.



NOTE:

The air-in side should face up when using vacuum cleaner.
The air-in side should face down when using water.

■ Storage Preparation [long idle periods]

1. Clean the air filters
2. Make sure the unit is completely drained of water and dry. In humid or damp climates, operate in Fan only mode until the unit has dried out.
3. Turn the air conditioner off with the remote and remove the batteries.
4. Disconnect from the power source. Wrap the power cord around the mains cord brackets and plug the plug into the socket at the back of unit.
5. Properly dispose the accessories, e.g. exhaust hose, window slider kit, etc.

■ Re-use After Storage

1. Check if anything block the air inlet and outlet.
2. Clean the air filters
3. Check the wires if any damaged or proper grounded.
4. Re-install the accessories.
5. Reconnect to the power source
6. Reinstall the batteries into the remote controller and turn the unit on.

6. TROUBLE SHOOTING

6.1 GUIDES, TIPS AND CAUTIONS

The following may occur during normal operation, and may not indicate malfunction.

Case	Explanation / Solution
Cooling or heating is delayed.	A 3 minute delay protects the compressor.
Unit does not start or there is no power when pressing ON/OFF.	Check that the unit is firmly plugged in and the mains socket is switch on.
	Room temperature is lower than the set temperature (Cooling mode). Reset the Temperature.
	Drain the water from the bottom tray drain outlet
Low volume sounds are emitted by the air conditioner	"Gurgling": normal – flowing of the refrigerant inside the unit.
	"Squeaking": normal expansion and contraction of plastic and metal parts.
	Rushing air – normal when louver resets its position.
Poor cooling performance.	Check that all windows and doors are closed
	Remove or switch off all heat sources if possible.
	Check that the exhaust air duct is connected properly and not blocked. If blocked, clean and re-connect.
	Clean the air filter and re-fit securely before continuing operation.
	Temperature setting is too high. Lower the temperature.
Noisy or excessive vibration	Move the unit to a stable, flat and level surface.

6.2 ERROR CODES

LED Display	Description	Action
E1/E2/E3/E4	Internal malfunction	1) Switch off the unit. 2) Unplug and re-plug the unit. 3) If the error persists, call for a qualified service agent for assistance
P1	Bottom tray is full	Drain the water. Please refer to the section "OPERATION"



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