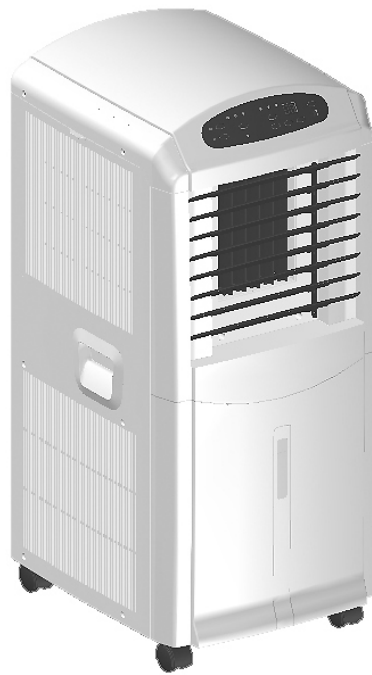


INSTRUCTION MANUAL

PORTABLE AIR CONDITIONER

12,000BTU

Model No: AM-12A4/R1



FOR FUTURE REFERENCE

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Brief Introduction

This mobile air conditioner is a new generation air conditioner which is ideal for use in the bedroom, study, lobby, office, meeting room, warehouse, attic, sports hall and other entertainment rooms. Its flexibility enables easy adjustment to a desirable room temperature and humidity. The built-in filter can remove floating dust and purify air to create a healthy working environment.

Safety Precaution

Your safety and the safety of others is very important. We have provided many important safety warnings in this manual and on your appliance. Always read and follow all safety warnings.



WARNING

This symbol indicates the possibility of death or serious injury.



CAUTION

This symbol indicates the possibility of injury or damage to properties only.



WARNING

Plug in the power socket properly.

★Otherwise, it will cause electric shock or fire due to heat generation.

Do not operate or stop the unit by inserting or pulling out the power plug.

★It will cause electric shock or fire due to heat generation.

Do not damage or use an unspecified power cord.

★It will cause electric shock or fire.

★If the power cord is damaged, it must be replaced by a qualified electrician.

Do not modify power cord length or share the outlet with other appliances.

★It will cause electric shock or fire due to heat generation.

Do not direct air flow at room occupants only.

★This could lead to health problems.



CAUTION

When the air filter is to be removed, do not touch the metal parts of the unit.

■They are sharp and may cause an injury.

Do not clean the air conditioner with water.

■Water may enter the unit and degrade the insulation. It may cause an electric Shock.

When the unit is to be cleaned, switch the unit off and unplug it.

■Since the fan rotates at high speed during operation, it may cause an injury.

Do not operate the unit without the air filter or when the front intake grill has been removed.

■It could cause dust to accumulate on the heat exchanger.

Do not put pets or plants where it will be exposed to direct air flow.

■This could injure the pets or plants.

Do not use for special purpose.

■Do not use this air conditioner to preserve precision devices, food, pets, Plants and art objects. It may cause deterioration of quality etc.

Do not apply an insecticide or flammable spray.

■It may cause a fire or deformation of the cabinet.

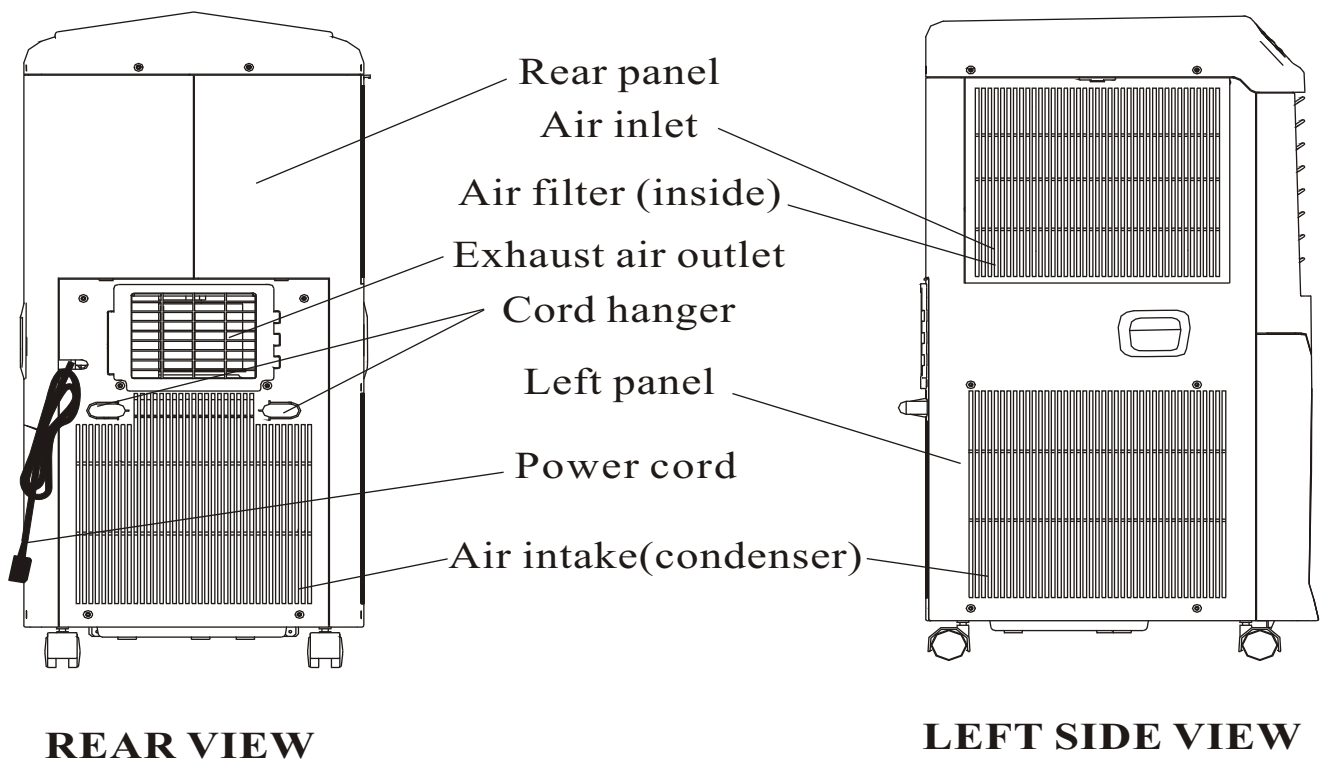
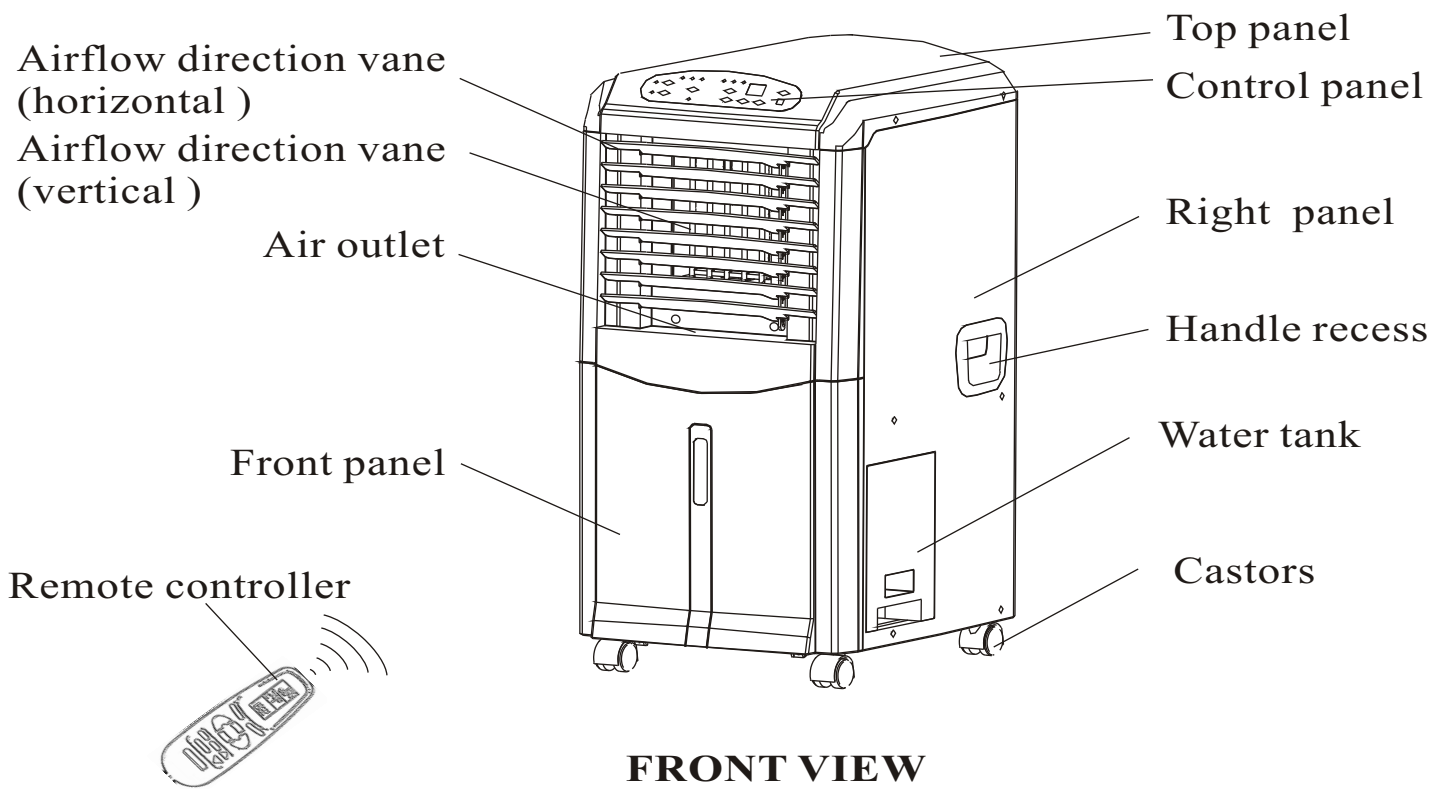
Technical Specifications

Model	AM-12A4/R1
Cooling capacity (Btu/h)	12000
Air flow (m ³ /h)	330
Rated current (A)	5.2
Rated input (W)	1200
Power supply	1PH 220V-240V~/50Hz
Refrigerant	R410a
Weight (kg)	33
Noise dB(A)	≤53
Dimension(mm)	378×368×838
Suitable room area (m ²)	14-20

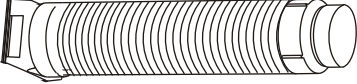
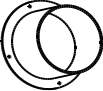






Note: The above cooling capacity are calculated at ambient temperature DB 30°C, WB 25.4°C.

※Working temperature range	
	DB (°C)
Maximum temp.	35
Minimum temp.	18

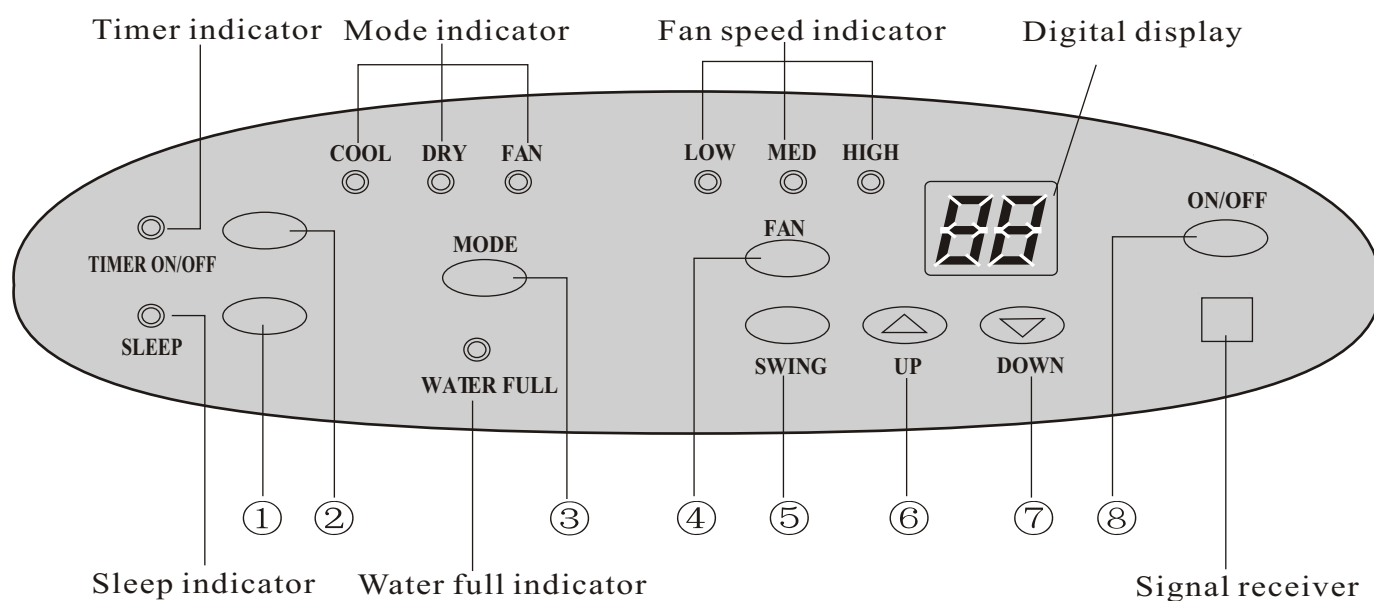
Parts Description



Accessories

Parts	Parts name	Quantity
	Duct	1
	Adaptor A (for permanent mounting use)	1
	Cover (cover the hole when not in use)	1
	Adaptor B (for temporary mounting use)	1
	Wall plug	4
	Screw	4
	Alkaline batteries	2
	Remote controller	1

Control Panel



Function Buttons

- ① **SLEEP** button
Press this button to set the sleep state.
- ② **TIMER ON/OFF** button
Press this button to initiate the auto-on or auto-off time sequence .
- ③ **MODE** button
Each time you push the button, a mode is selected in a sequence that goes from cool, dry and fan.
- ④ **FAN** button
This button is used for setting fan speed in the sequence that goes from Low Me to Hig then back to Low.
- ⑤ **SWING** button
Press the button to change the swing angle of louver.
- ⑥ **UP** button
Push the button to make the indoor setting temperature increase.
- ⑦ **DOWN** button
Push the button to make the indoor setting temperature decrease.
- ⑧ **ON/OFF** button
To turn the unit on or off the unit.

Note : The functions of these buttons are the same on the remote control.

Operation

Before starting the unit

- 1) Select a suitable location, making sure you have easy access to an electrical outlet.
- 2) Install the flexible exhaust hose and the adjustable window slider kit.
- 3) Plug the unit into a 220V-240V socket.
- 4) Make sure the water tank is correctly positioned inside the cabinet otherwise the unit will not operate.
- 5) To turn the unit on press the ON/OFF button.

Cooling operation mode

- 1) Press the **MODE** button in a sequence until the cool indicator lights up.
- 2) Press the **UP** and **DOWN** button to adjust your desired set temperature.
- 3) Press **FAN** button to select the fan speed.
- 4) Press the **SWING** button to change the airflow direction.
- 5) Press the **ON/OFF** button to start the unit and press it again to stop.

Dehumidifying operation mode

- 1) Press the **MODE** button in a sequence until the dry indicator lights up.
- 2) The fan will run at a fixed speed at this operation mode.
- 3) Close windows and doors for the best dehumidifying effect.
- 4) Do not put the duct to the window.
- 5) Press the **ON/OFF** button to start the unit and press it again to stop.

Circulation operation mode

- 1) Press the MODE button in a sequence until the fan indicator lights up.
- 2) Press the FAN button to choose the fan speed (low-med-high)
- 3) Do not put the duct to the window.
- 4) Press the ON/OFF button to start the unit and press it again to stop.

Timer operation

- 1) Press the TIMER ON or TIMER OFF button to initiate the auto-on or auto-off sequence.
- 2) Press the UP or DOWN button to set your desired wait time. Each press will increase or decrease one hour.

Note: The timer operation in the control panel differs from the remote control.

Wind direction adjustment

Horizontal airflow (automatic)

Press the SWING button, the vertical vanes rotate automatically. If you have a desired direction, you also can press it again to stop at the position.

Vertical airflow(manual)

Grab and rotate the middle horizontal vane manually.

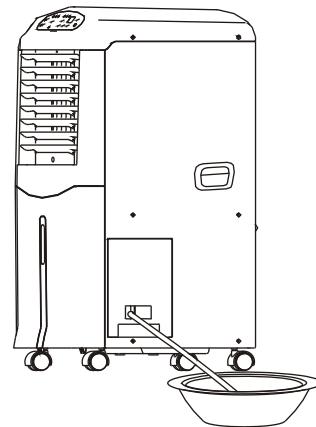
Note: Adjusting the vertical vane by hand in automatically-controlled operation
May damage the step-motor.

Deal with condensation

Condensation in the water tank

1) When the water tank is full, the dehumidification process will immediately stop. However the fan motor will continue to operate for two minutes, then the LED will display PI and the unit will alarm, at the same time the water full indicator light will flash continuously.

2) Carefully remove the water tank from the cabinet and dispose of the water. Replace the water tank back to its original position and the dehumidifying process will automatically resume. It will take 3 minutes for the compressor to restart. This is normal.



Continuous drainage

- 1) Drain water can be collected externally by directing the plastic tube(inner diameter:12mm~12.5mm) inside the drain tank cabin through the water tank to any vessel such a bucket. Remove the plastic tube cap before operating.
- 2) Do not take out the water tank during drainage.

⚠ IMPORTANT: This water is not suitable for drinking.

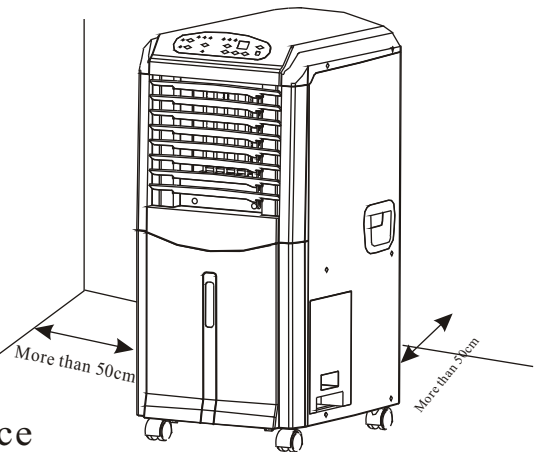
Installation

Guide of customer

- The customer should have a qualified power supply coincident with that printed on the tag of the air conditioner. Its voltage should be in the range of 90%-110% of its rated voltage.
- The customer must use a special circuit and efficient grounding socket to match the plug of the air conditioner.
- If the supply wire is damaged, it must be repaired by a qualified electrician.
- Keep the unit upright in order to protect the compressor.
- The appliance should be installed in accordance with national wiring regulations.
- The plug should be easily accessible after installation.
- The adaptor A/B of duct must be well fixed after installation, so that it doesn't point to people, animals, or flammable furniture etc.
- For wiring diagram, please see the attached one which firmly on the appliance.

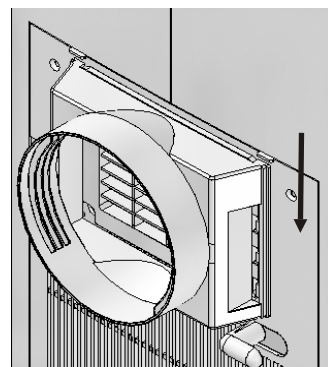
Select the best location

Install the mobile air conditioner in a flat and spacious location where the air outlets will not be covered up. A minimum clearance of 50cm from walls or other obstacles should be kept. The appliance should not be used in the laundry. The plug should be accessible after the appliance is positioned.

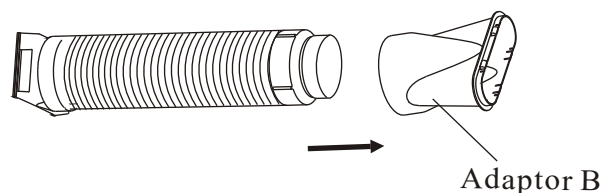


Duct mount instruction Temporary

- 1) Attach one end of the duct to the exhaust air outlet of the mobile air conditioner. According to the arrow direction, push it downwards, be sure to fix thoroughly.



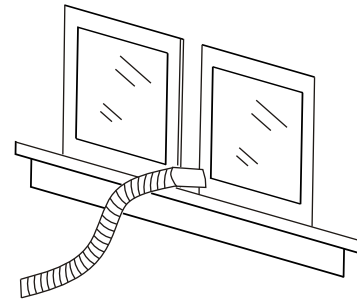
- 2) Attach the other end of the duct to adaptor B.



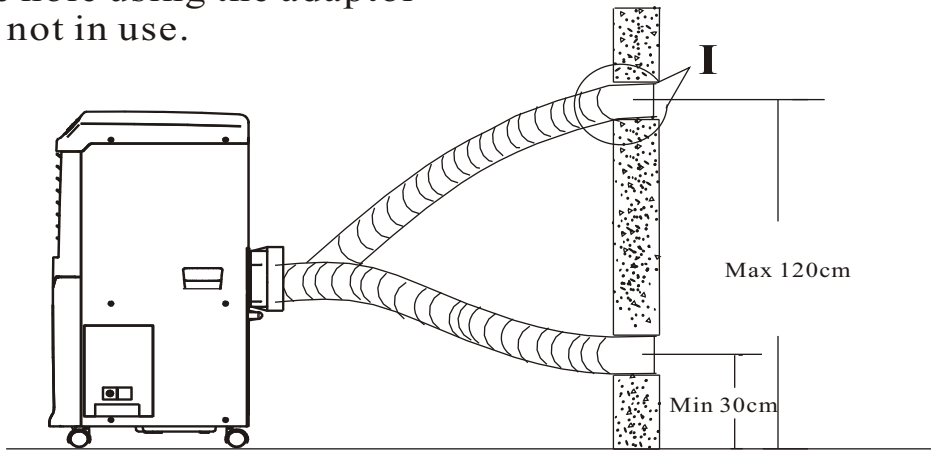
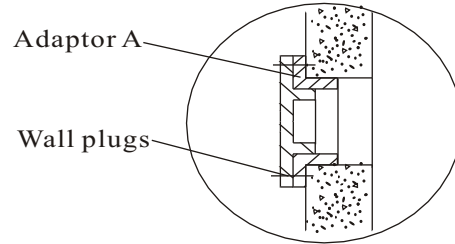
3) Put the end of duct to a nearby window.

Permanent

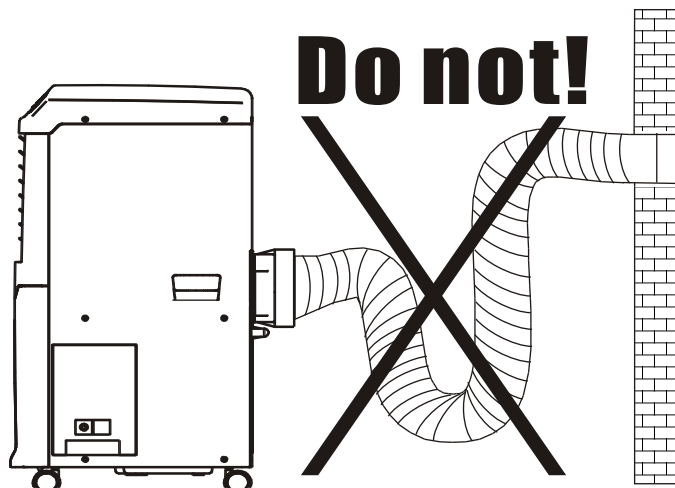
- 1) Attach one end of the duct to the exhaust air outlet of the mobile air conditioner. According to the arrow direction, first fit the left side of the duct on the exhaust air panel, then the right side duct. Push it downwards, be sure to fix thoroughly.
- 2) Install the adaptor A onto the wall by using 4 wall plugs and screws.
- 3) Attach the other end of the duct to adaptor A.
- 4) Cover the hole using the adaptor cap when not in use.



Amplified view for I

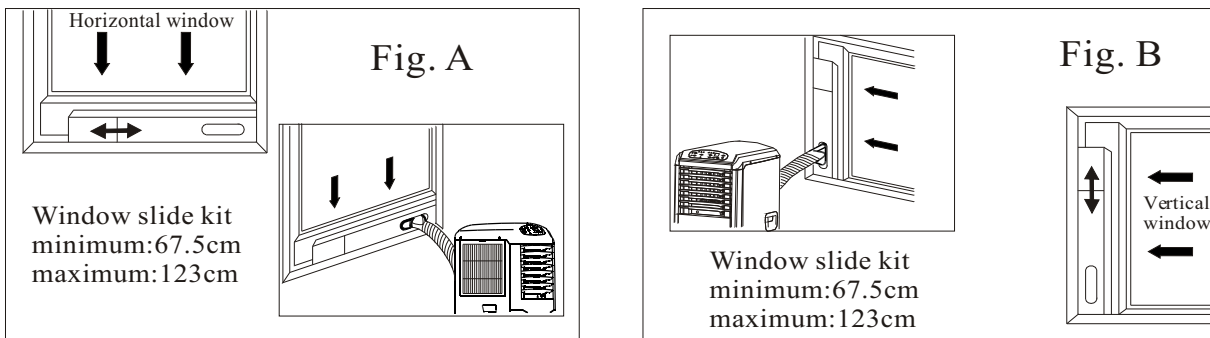


Note: 1. The duct can be compressed to 450mm minimum and extended to 1800mm maximum. It is better to keep the duct length to a minimum.
2. Overstretching or bending the duct will affect the cooling efficiency.
(As the following fig. Show)



Window kit installation

Your window kit has been designed to fit most standard vertical and horizontal window applications. However, it may be necessary for you to improvise or modify some aspects of the installation procedure for certain types of window. Please refer to fig. A & fig. B for minimum and maximum window openings.



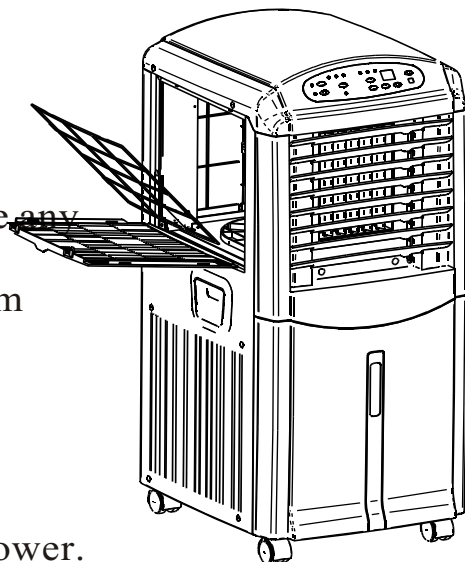
Maintenance

Your new air conditioner is designed to give you many years of dependable service. This section tells you how to clean and care for your air conditioner properly. Call your local authorised dealer for an annual maintenance check. Remember the cost of this service call is your responsibility.

Cleaning the air filter

If the air filter is covered by dust, the cooling effect will be undermined. Please clean the air filter every two weeks.

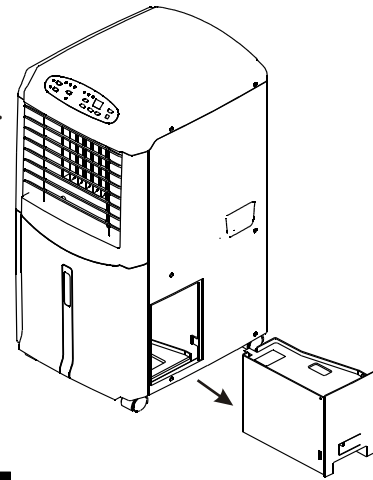
- 1) Unplug the air conditioner or disconnect the power.
- 2) Pull out the filter cover and remove the foam from the filter cover.
- 3) Wash the air filter in warm soapy water. Do not wash the air filter in the dishwasher or use any chemical cleaners. Air dry the filter completely before replacing it to ensure maximum efficiency.
- 4) Attach the air filter to the filter cover using the attachment hooks on the inner surface of the cover. Put the filter cover back in its place.
- 5) Plug in the air conditioner or reconnect the power.



Cleaning The Unit

- 1) For the purpose of safety, please turn off the air-conditioner and turn off the power.

- 2) Wipe the unit with a dry cloth .
- 3) If the unit is very dirty, wet the cloth with cold water .



Cleaning drain tank

Wash the tank using warm water and a neutral detergent. Rinse and then dry in a cool place. Put the tank in its original place after it has dried completely.

⚠ WARNING

- ※Do not use gasoline ,benzene ,thinner or any other chemicals, or any liquid insecticide on the air conditioner, as these substances may cause flaking off of the paint ,cracking or deformation of plastic parts .
- ※Never attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and wiring insulation.
- ※Never use hot water over 40°C to clean the air filter.

Troubleshooting

You can solve many common air conditioner problem easily, saving you the cost of a service call, try the suggestions below to see if you can solve your problem without outside help.

Air Conditioning will not operate

Causes	Solutions
<ul style="list-style-type: none"> ●Power switch is released. ●Power supply failure. ●The fuse is burnt. ●It doesn't reach the set time for start up. 	<ul style="list-style-type: none"> ■Switch on the power. ■Wait for power to be restored. ■Replace the fuse. ■Wait or eliminate the original setting.

Unit Doesn't Start When Pressing On/off Button

Causes	Solutions
<ul style="list-style-type: none"> ●Water full indicator flashing, drain tank is full. ●Room temperature is lower than the set temperature. 	<ul style="list-style-type: none"> ■Dump the water in the drain tank. ■Reset the temperature.

Not cooling

Causes	Solutions
<ul style="list-style-type: none">● Mistakes in temperature setting.● The air filter is blocked by dust.● The air inlet or outlet of machine is blocked.● Unit recently turned on in hot room. ● The doors or windows are open.	<ul style="list-style-type: none">■ Set a proper temperature, see the methods of application.■ Clean the air filter.■ Remove the obstruction. ■ Allow additional time to remove stored heat from walls ,ceiling, floor and furniture. ■ Close the doors and windows.

Noise or vibration

Causes	Solutions
<ul style="list-style-type: none">● The ground is not level.	<ul style="list-style-type: none">■ Place the unit on a flat surface.