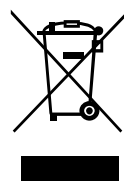
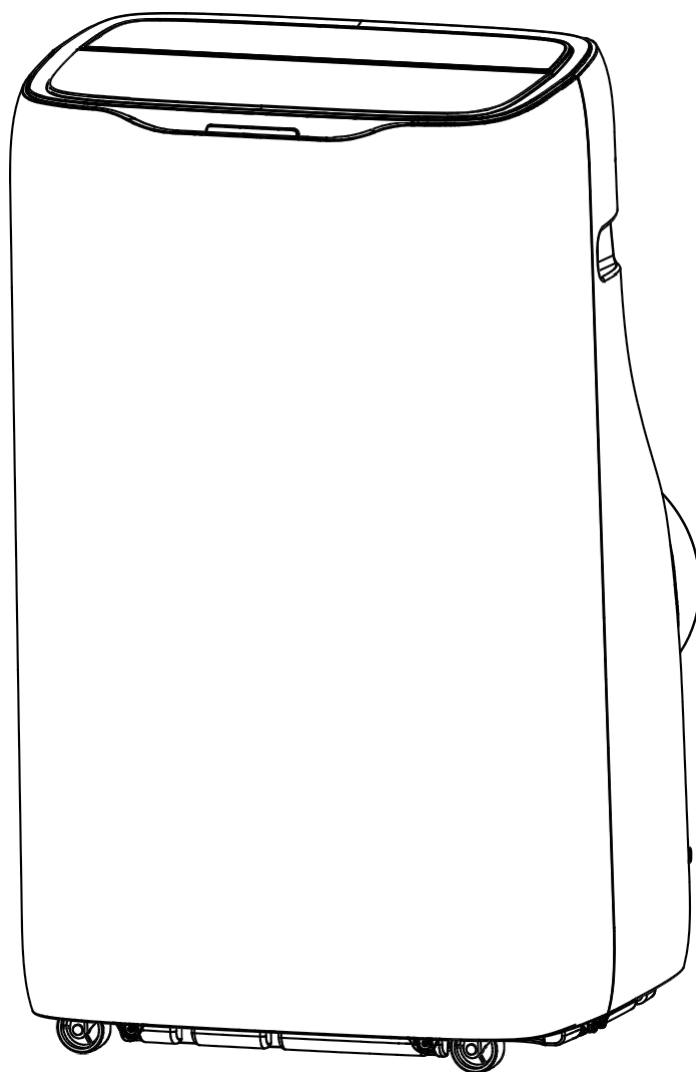




IN241000670V01_US

823-067V80



EN_IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY.

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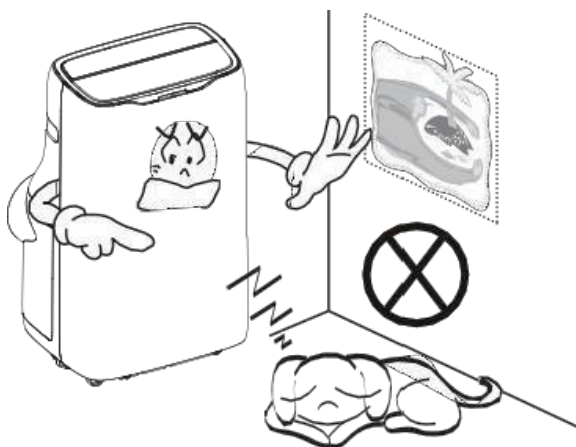
USER TIPS



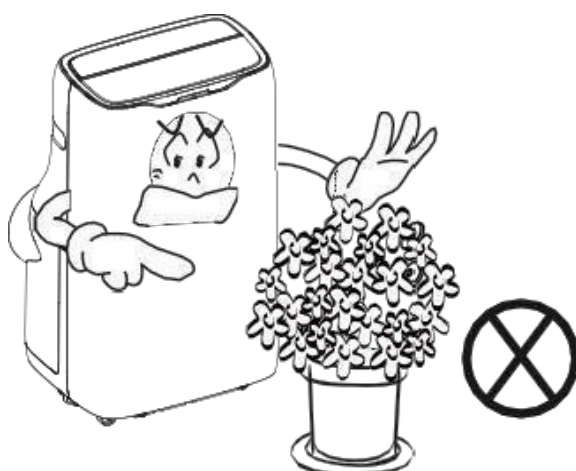
Please avoid such operations, in case of any safety and health risks
Such instructions are to be followed, for safety and health concerns

PRECAUTION

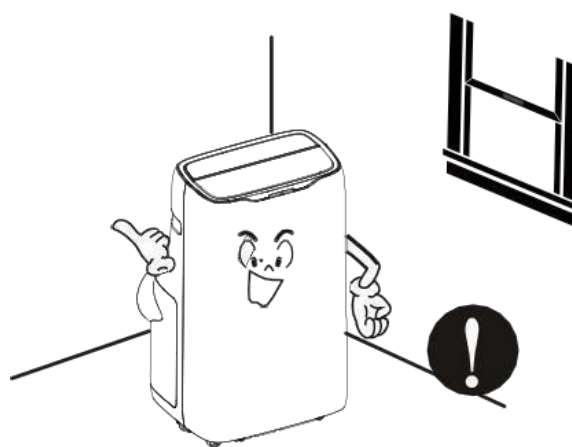
For household use only



In case of a blocked air exchange,
never stack any items around the
machine



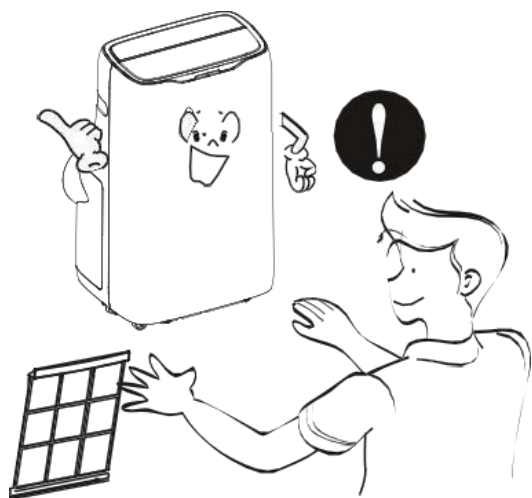
For indoor use only;
Please place the A/C in a dry
environment.



To avoid damages, never place any
heavy items on the machine.



Do not operate the machine with wet hands or in a humid environment.



Please wipe the machine with a soft cloth, instead of wax, diluents or irritant detergent.



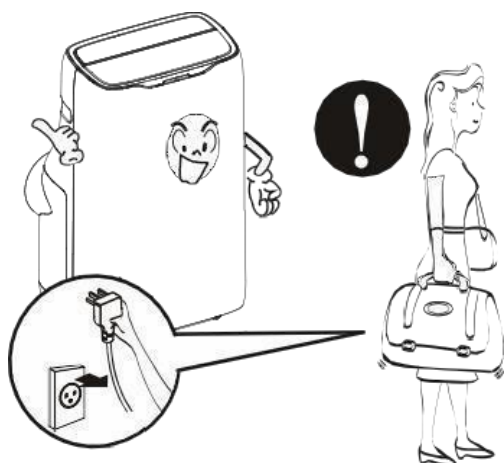
Do not operate the machine with wet hands or in a humid environment.



For your health, never drink condensed water discharged from the machine.



Please unplug the power cord, if the machine will not be used for a long time.



Non-professionals are not allowed to dismantle or repair the machine.

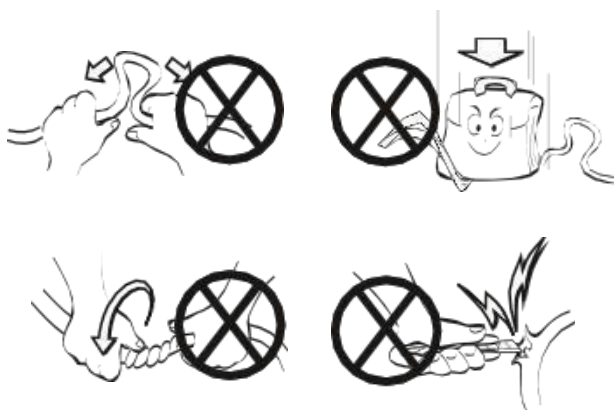


Safety Warnings

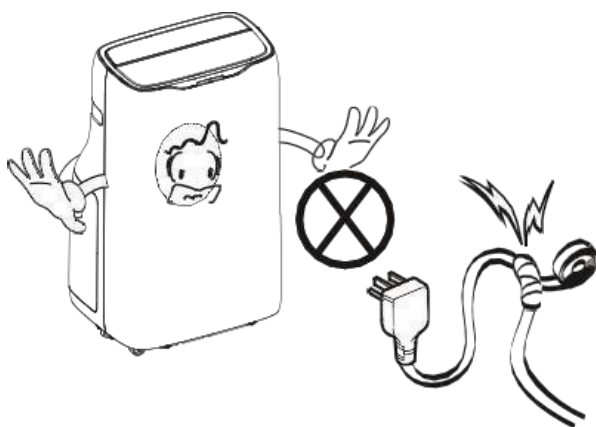
Damaged power cord or plug shall not be used. Never plug to a loose socket.



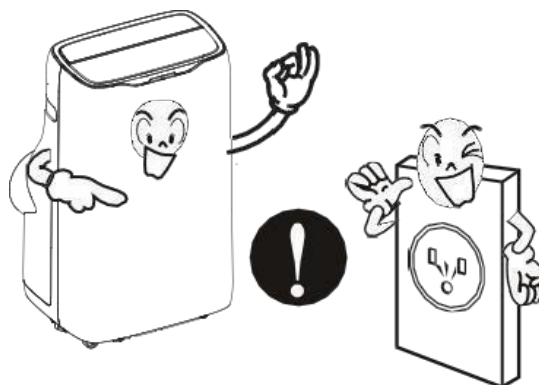
Never damage the power cord, or use unlicensed power cord. Make sure voltage is right.



Do not modify or extend the power cord.



A grounded outlet is suggested for the machine.



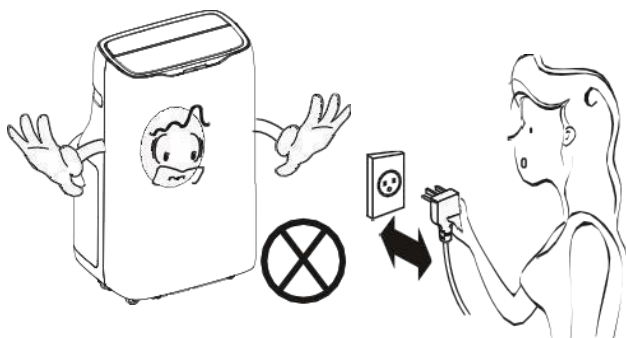
In case of electric shock, never plug/unplug with wet hands.



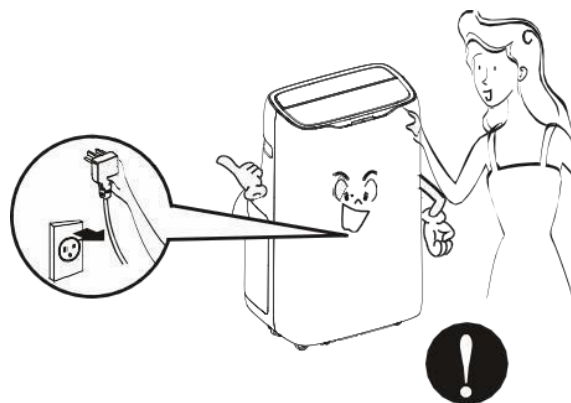
To unplug, pull the plug end instead of wires.



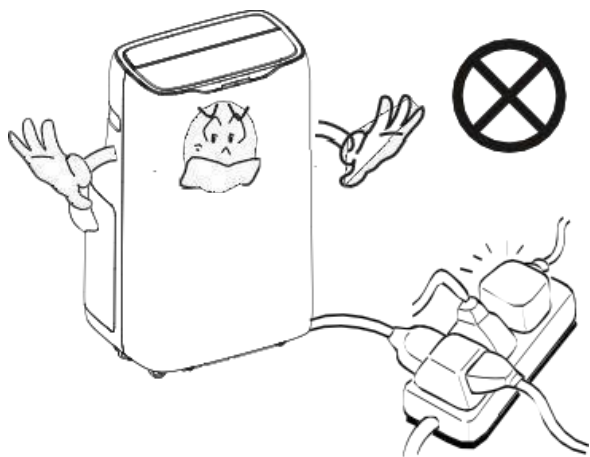
Never control on/off status by directly plugging/unplugging.



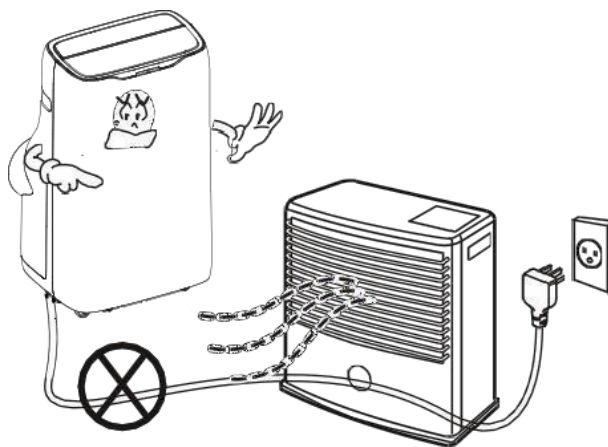
Please turn off the machine before unplugging.



Never overload the socket.



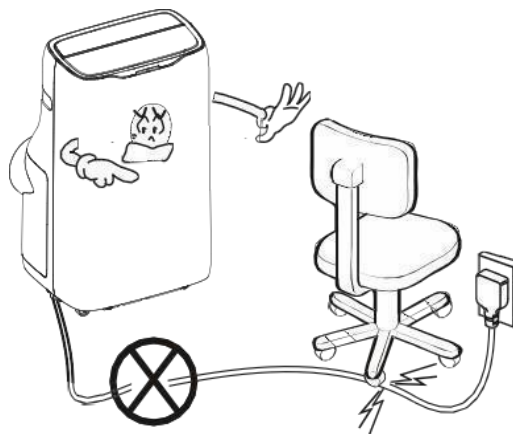
Keep away from heat sources or direct sunlight exposure.



If there is any acute noise, smell or smoke, turn off and unplug for diagnosis.



In case of electric shock, never damage the power cord by placing heavy objects on it.



Never insert fingers or any hard objects into the louver.



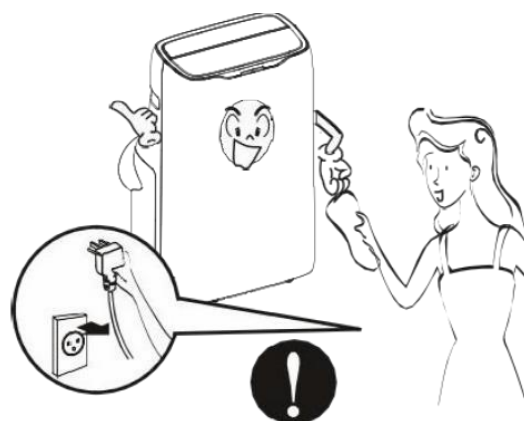
Keep electrical parts away from water.



If water enters, turn off and unplug in time; and call for check and repair from a professional.



Please turn off and unplug before wiping, cleaning or replacing components.



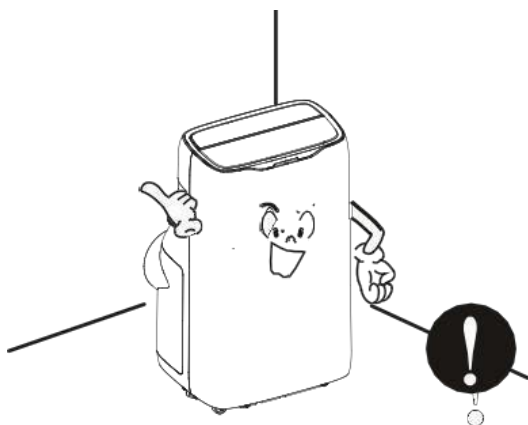
If gas leakage happens, open the window for ventilation before plugging the machine.



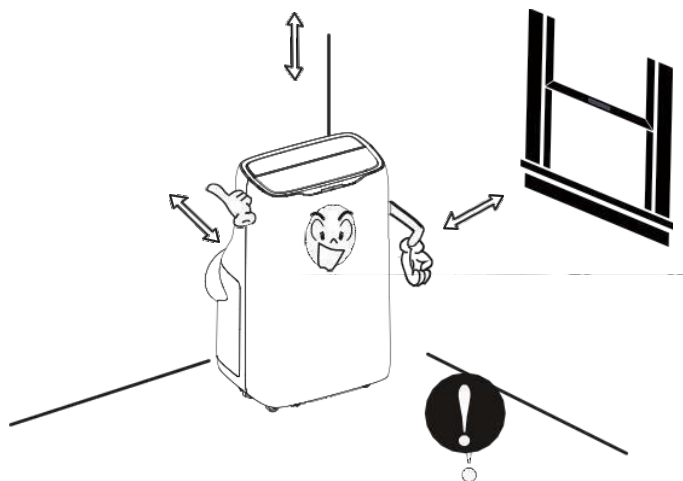
The appliance can be used by children of or above 8 years old and persons with reduced physical, sensory or psychological capabilities, if they have been given supervision and instruction concerning proper use and hazards of the appliance.



For a proper work of compressor,
place the machine vertically on an
even ground.



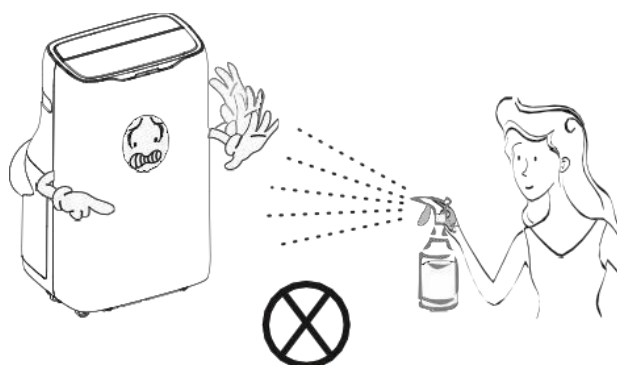
For a proper ventilation,
keep the machine at least 50cm from objects
nearby.



Never use the appliance near
gasoline or other flammable objects.



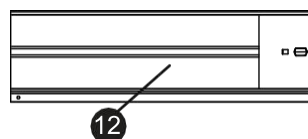
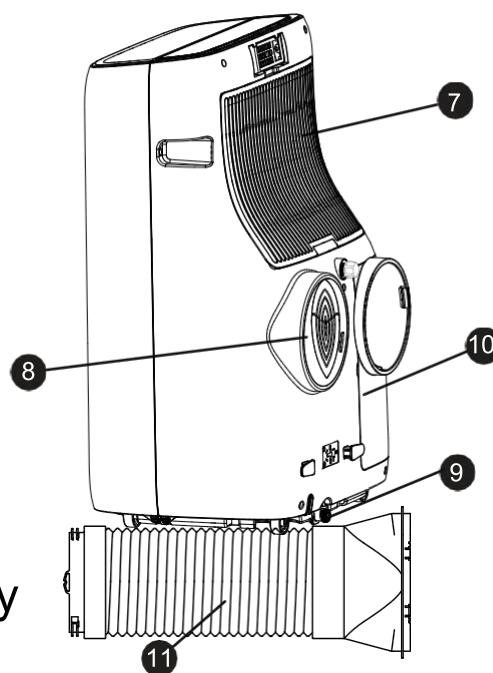
Keep the appliance from spraying
agent or any solvent, or plastics may
deform and electrical parts may even
be damaged.



PRODUCT OVERVIEW

Main Components

- 1 Handle
- 2 Air Inlet Grille (Down)
- 3 Control Panel
- 4 Louver
- 5 Casters
- 6 Remote Control
- 7 Air Inlet Grille(Up)
- 8 Air Outlet Grille
- 9 Drainage Hole
- 10 Double Duct Frame (Double)
- 11 Air Exhaust Duct Assembly
- 12 Window Sealing Kit



CONTROL PANEL AND REMOTE CONTROL

1. Power Button

Press the button for ON/OFF

2. Fan Speed Button

Press the key to choose high/middle/low speed.

3. Up/Down Button for Temperature and Timer

Under cooling model, press the key could increase or decrease setting temperature; In time model, press the key could turn on, by pressing the keys together, switch between °C and °F can be made.

4. Mode Button

Press the button to choose cooling, fan and dry

5. Timer Button

Press the key at standby mode would set ON time. Press the key at standby ON mode would set OFF time.

6. Temperature and Timer Display

The window will indicate temperature and time.

7. Swing Button

Press this key or simultaneously hold down the wind speed key and timing key on the control panel to Turn **on/off the** swing function.

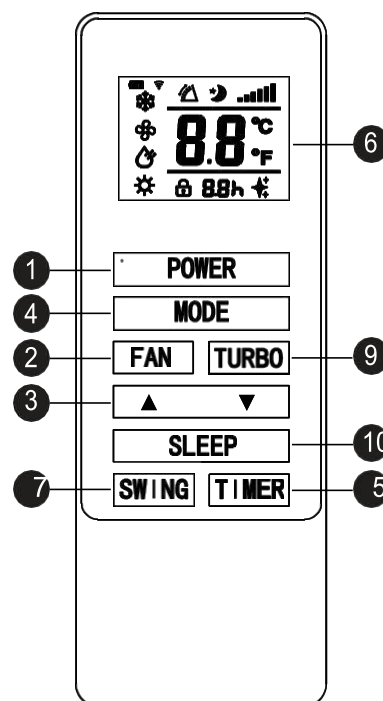
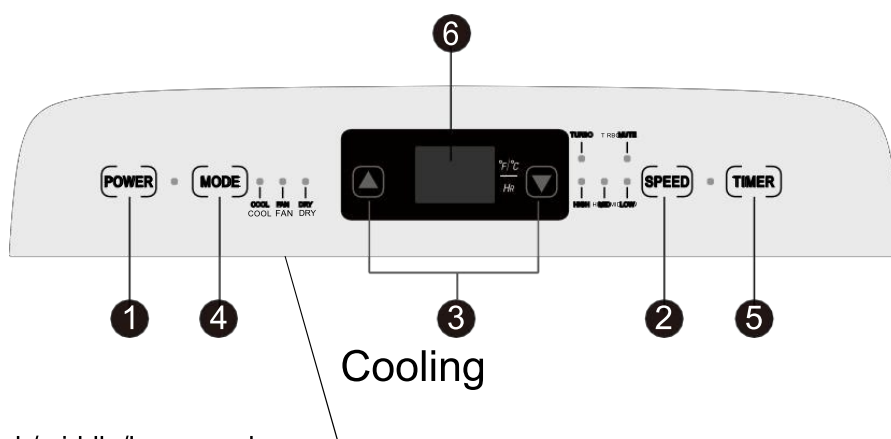
8. WIFI Function Button(optional)

9. Power Model

Pressing this key in cooling mode will enter power model.

10. Sleep Model

Pressing this key in cooling/ heating mode will enter sleep model.



OPERATION

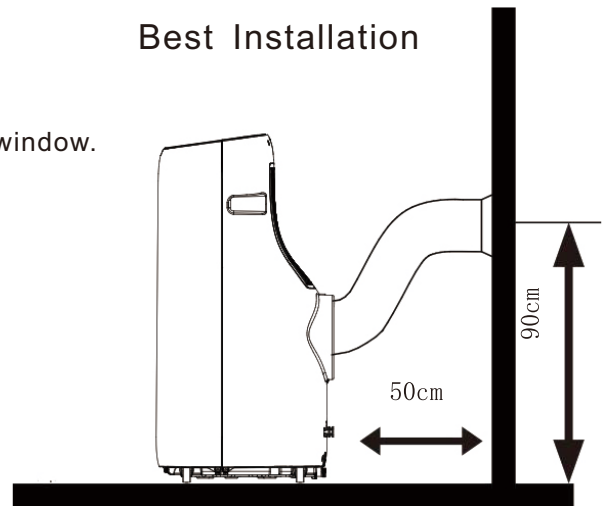
Place and Installation

Place

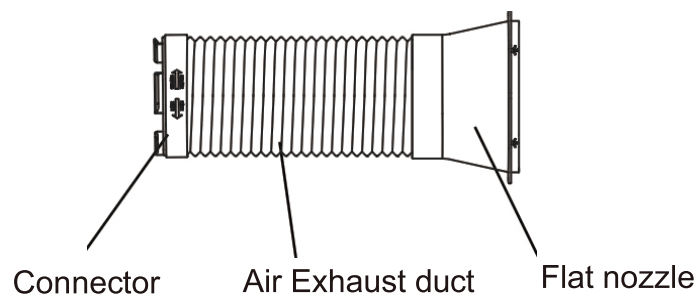
- Place the machine on the horizontal floor near the window.
- For proper ventilation and best machine performance, keep the appliance at least 50cm from objects nearby.

Installation

Best Installation

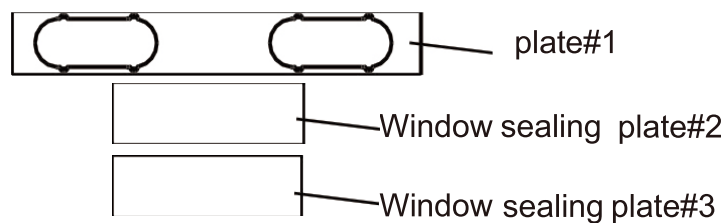


Air Exhaust Duct Assembly



Clip fixture Type

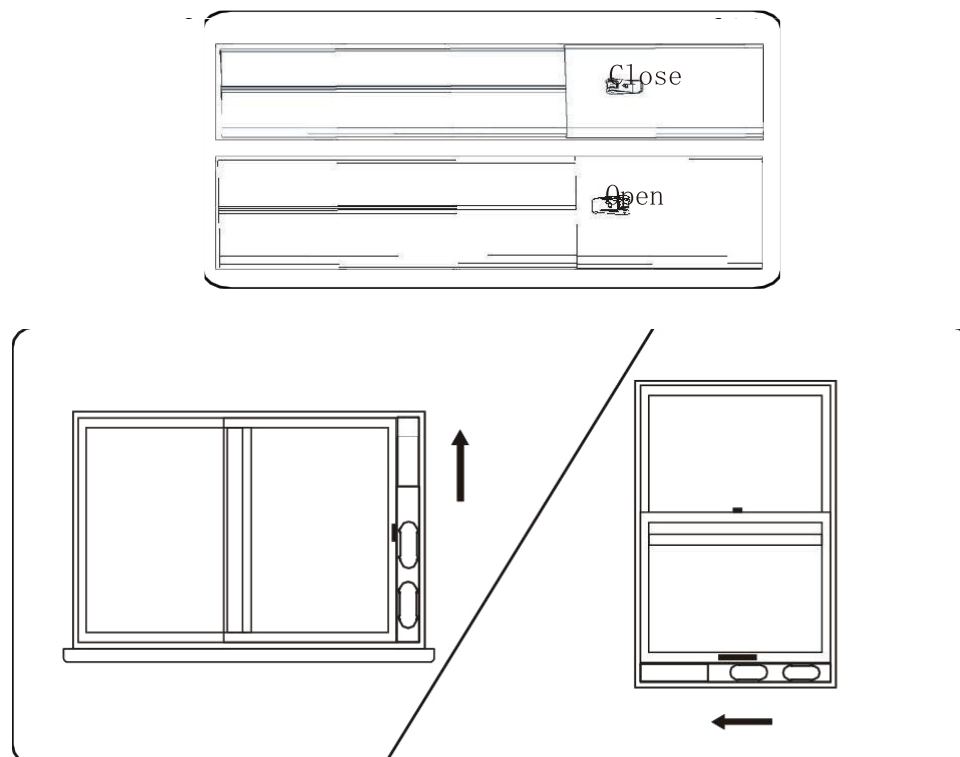
New clip-fixture type (Double)



Step 1:

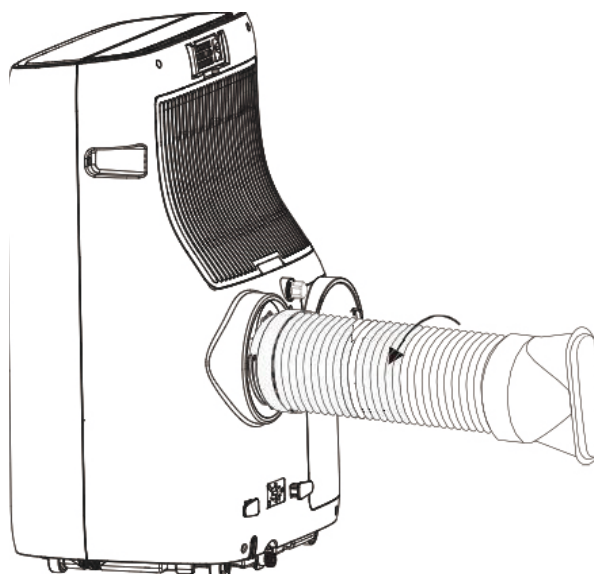
Hand wrench-Length is non-adjustable

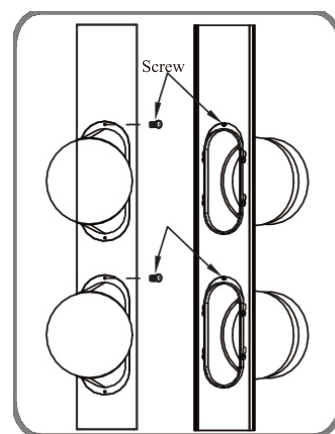
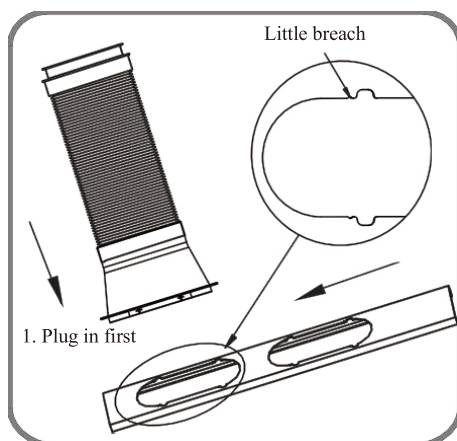
- 1.Measure the size of window.
- 2.Adjust the length of the window sealing plate to match the size of the window.
- 3.After determining the length of the window sealing plate, fix its length size with clips.



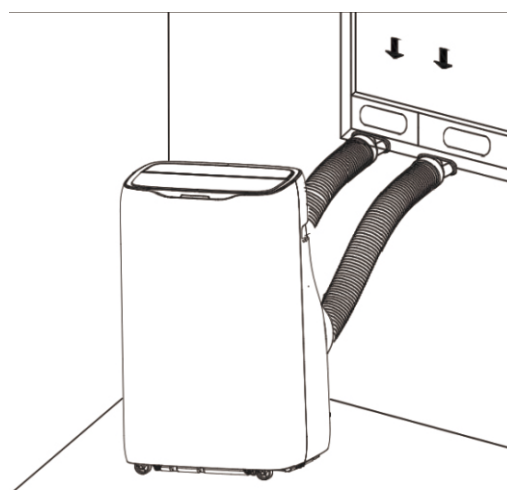
Step 2: Fix the plate to window.

Step 3: Swirl the exhaust pipe assembly (exhaust fitting end) into the rear panel outlet (counterclockwise)





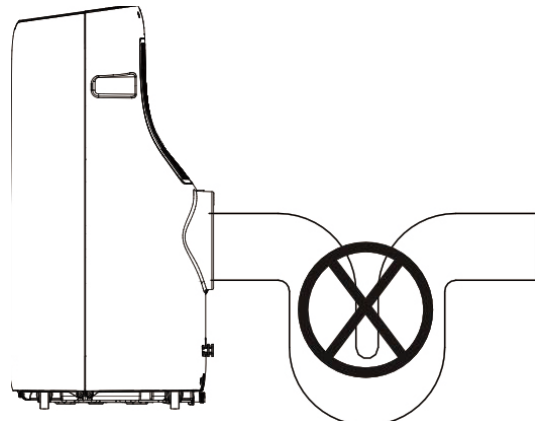
Step 4: Insert the exhaust pipe assembly (exhaust port end) into the window seal panel assembly and screw it up.



Impression drawing of completion

Incorrect installation

- It's important to keep the exhaust duct smooth. Incorrect installation will affect work of the A/C.
- Prevent the exhaust duct from sharp bending. Ensure air can flow smoothly in the duct.



Warning

The exhaust duct is designed especially for this model. Don't replace or lengthen it; otherwise, it will result in failure

Notice

The air exhaust duct can stretch up to 1500mm. To avoid bending, stretch it as short as possible.

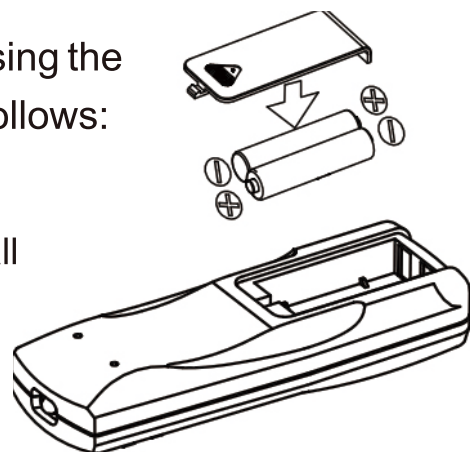
Remote Control

Please install the battery correctly before using the remote control. The specific steps are as follows:

Slide to open the battery cover on the back;

Insert 2*AAA(DC1.5V) new batteries and install electrodes correctly when inserted;

Fit the batteries in place.



Warning

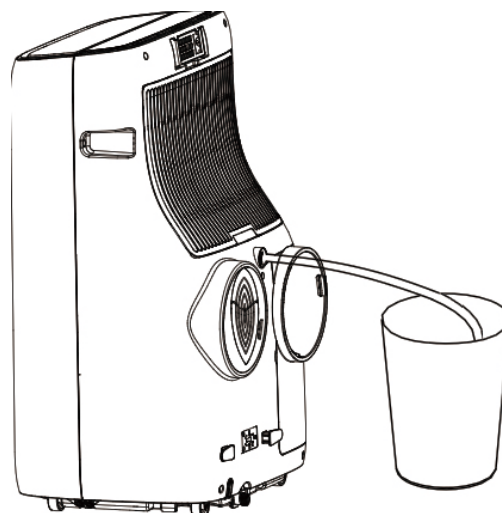
Only AAA DC 1.5V batteries are allowed, never use chargeable batteries or other types of batteries. Replace both batteries; never mix new battery with old one.

Please remove batteries if the appliance is not to be used for a long time.

Warning

Never use leaked batteries;

Chemicals in batteries could result in such health hazards as burns. If liquid in batteries splashes to skin or clothes, please wash with clean water in time. If batteries are swallowed, please rinse mouth immediately with clean water and then go to the doctor.



Cooling Model

- Under cooling mode, cooling indicator will light on.
- Temperature Setting is from 16°C to 30°C (60°F to 86°F).
- Press Fan Speed Button to choose from low/high fan speed.

Fan Model

- Under Fan mode, indicator will be on.
- Fan Speed Button to choose from low/high fan speed.
- Temperature cannot be set under this mode.

Dry Model

- Dry indicator will be on under this mode
- Remove water plug (see right), insert one end of pipe to drainage hose, the other end would be in water tank or water channel.
 - If ambient Temp.~17°C or 62°F compressor starts and follow below sequence: if ambient Temp.15°C or 59°F compressor stops; when it reaches 17°C or 62°F compressor starts again. (There would be a 3-min delay for compress or protection).
- Fan runs with a fixed low speed.
- Temp. is fixed.

Notes: Under dry mode, please dismantle air exhaust duct, or performance will be affected and water full alarm "FL" will buzz.

Timer model

- In standby mode, press Timer button to set ON time. A range of 1 to 24 Hours could be set with UP/DOWN button. Timer indicator will light up in this mode.
- Under running state, press Timer button to set OFF time. A range of 1 to 24 Hours could be set with UP/DOWN button. Timer indicator will light up in this mode.

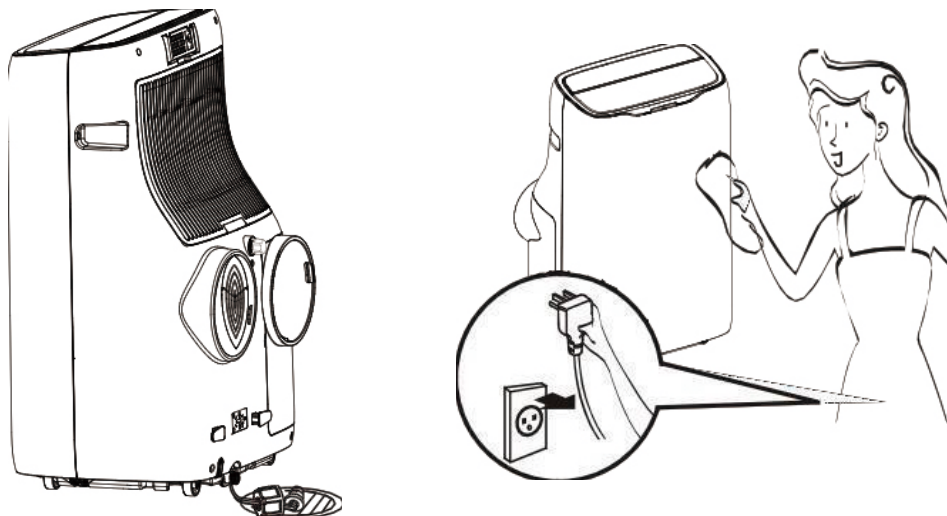
CLEAN AND MAINTENANCE

With self-evaporating system, the appliance could perform better and save energy in a way of cooling down condenser by reusing condense water.

The appliance would display "FL" with buzz sound, if built-in water container is full. After compressor stops, please drain water as follows:

- Unplug and dismantle air exhaust duct; Move the appliance to a right place;
- Pull out the water plug. And drain all water; Re-insert the water plug;
- Re-install the air exhaust duct, restart the appliance

Warning: in case of electric shock, turn off and unplug before repair or maintenance.

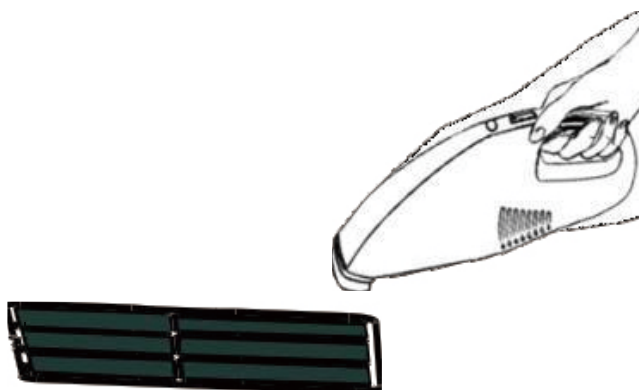
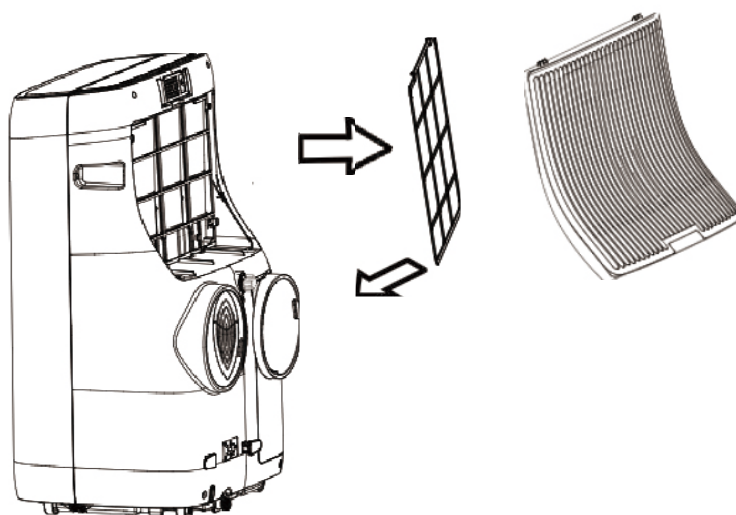


Body Clean

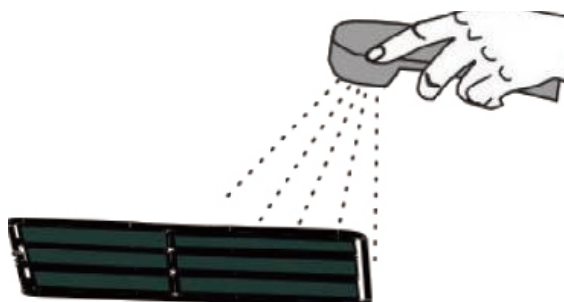
- Unplug before cleaning.
- Clean with soft and half-wet cloth. In case of damage to appearance or the appliance. Never use chemical reagent, such as benzene, alcohol and gasoline.
- Never let splash water enter the appliance.

Filter is to be cleaned once every two weeks. If air quality indoor is poor, it has to be washed more often, or performance of the appliance would be lowered due to blocked filter screen. Please follow below instructions for cleaning:

- Take off air-inlet grille as indicated in the photo: pull out the filters.
- Clean the filter in 40°C or 104°F warm water or water with neutral detergent; dry the filter in a cooling area.
- Re-install the filter and grille after draining completed;
- Restart the appliance



If filter is not that dirty,
clean the dust with a
vacuum cleaner



If filter is dirty, clean in 40°C
(104°F) warm water or in warm
water with neutral detergent.

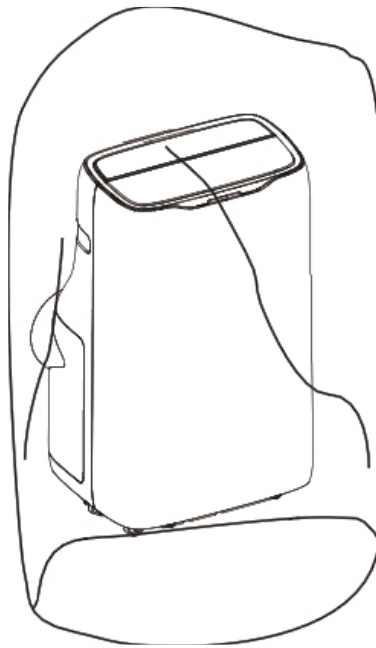
Warning

Do not wash with filter in water above 40 (104°F) or with irritating detergent such as alcohol, gasoline and benzene. In case of deformation, filters are to be kept away from heat sources and dried naturally in a cooling area. Never operate the appliance when filter is not installed.

Seasonal Maintenance

If the appliance will not be in use for a long time, please maintain by following below steps:

- Pull out water plug for drainage.
- Run in Fan mode for at least 2 hours to dry internal parts. Turn off and unplug.
- Clean the filter and reinstall.
- Dismantle the air exhaust duct and keep it well.
- Take off batteries.
- Wrap the appliance in a plastic bag and keep in a dry and cooling place.



If the appliances haven't been used for a long time, please pay attention to the following when to be used again:

- Make sure water plug and filter are installed.
- Never use damaged power cord; Check before use.
- Insert batteries.
- Assemble other parts according to the instruction.

COMMON FAILURES AND DIAGNOSIS

Error code	Multi-functional detection
F1	Compressor drive IPM malfunction
F2	PFC/IPM malfunction
F3	Abnormal startup of the compressor
F4	Compressor running out of step (compressor out of position)
F5	Position detection circuit malfunction
FA	Phase current overcurrent protection
P2	DC bus voltage overvoltage and undervoltage protection
E4	Indoor and outdoor communication failure
F6	Communication failure between the main control board and driver
P3	AC input voltage protection
P4	AC current overcurrent protection
P5	AC overvoltage and undervoltage protection
F7	Outdoor outer disk sensor failure (reserved)
F8	Return air sensor malfunction (reserved)
E0	Exhaust sensor malfunction
E6	Outdoor environment sensor failure (reserved)
E7	Outdoor DC fan malfunction
FE	Outdoor EE malfunction
PA	Abnormal temperature protection for return air sensor
P1	Compressor top temperature too high protection
PE	Abnormal refrigerant circulation
PH	Exhaust temperature protection
PC	Outdoor coil overload protection (reserved)
E3	Feedback fault of indoor DC fan
P6	Indoor coil overload protection
P7	Indoor coil freezing protection
E2	Indoor coil malfunction sensor malfunction
E1	Indoor ambient temperature sensor malfunction
P8	Indoor unit zero crossing detection fault
EE	Indoor EE malfunction
E5	Feedback fault of water pump motor
E8	Feedback fault of cooling fan
FL	Protection of Water full

Troubleshooting

The following table lists the common faults and maintenance methods of this series of portable A/C. When the machine is in abnormal operation, the following table can be used for simple diagnosis and maintenance. If it still can't be solved, please contact professional maintenance personnel.

Trouble	Caus	Solution
The A/C doesn't work	No display	Reset circle breaker on AC cord
	The display panel displays "FL"	Restart the A/C after power off and draining. then it will become normal
	Time OFF function is started	The A/C can be restarted 3 minutes after being turned off
The A/C starts frequently	Direct sunlight	Draw the curtain
	Doors and windows keep open; there are lots of people or heat source in	Close doors and windows, remove heat source
	Filter screen is very dirty	Clean or replace it
	Air inlet or air outlet is blocked	Remove the stem
Loud noise on the	The A/C is placed unevenly	place it at even and firm ground, avoid shaking
The compressor doesn't	Its delay protection started	Wait for 3 min, turn on after temperature decreases



Additional warning for appliance with R32 refrigerant gas (refer to the rating plate for the type of refrigerant gas used)



Made In China

CAUTION ON FIRE

READ THE MAUAL CAREFULLY BEFORE USING THE APPLIANCE R32 REFRIGERANT.

This appliance contains approximately 13.65. Oz refrigerant gas. larger than 4m².

UK

If you have any questions, please contact our customer care centre.

Our contact details are below:



0044-800-240-4004



enquiries@mhstar.co.uk

IMPORTER ADDRESS:

MH STAR UK LTD

Unit 27, Perivale Park,

Horsenden lane South

Perivale, UB6 7RH

MADE IN CHINA

Aosom