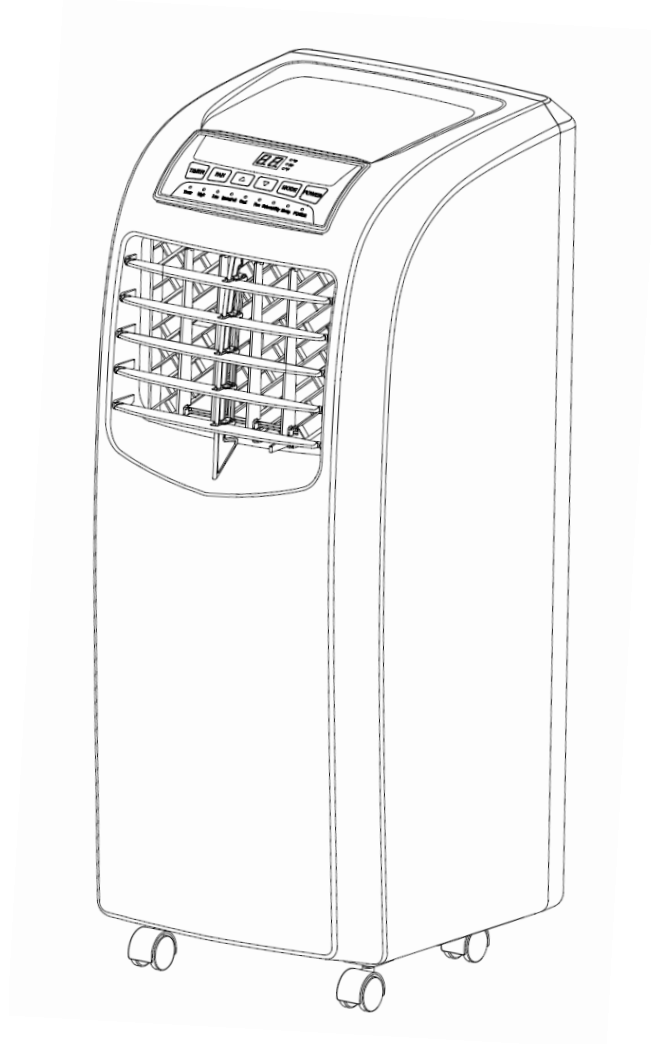


Portable Air-conditioner

Use and Care Manual



Thank you very much for selecting this new model of Portable Air Conditioner, please read this Use and Care Manual carefully before installing and using this appliance. Please keep this Use and Care Manual properly for future reference.

Safety Instructions

1. Electrical Specifications

1. All wiring must comply with local and national electrical codes and be installed by a qualified electrician. If you have any questions regarding the following instructions, please contact a qualified electrician.
2. The unit must be installed in accordance with national wiring regulations. Check available power supply and resolve any wiring problems before installation and operation of this unit.
3. For your safety and protection, this unit will be grounded through the power cord plug when plugging into a matching wall outlet. If you are not sure whether the wall outlet at your home are properly grounded, please consult an electrician. If supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid any hazards.
4. This appliance is not intended for people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance

2. WARNING:

To reduce the risk of fire, electrical shock or injury when using your air conditioner, follow up these basic precautions:

- ※ Indoor use only, it is prohibited to use this unit outdoors or in humid environment such as bathroom etc.
- ※ Do not remove ground prong.
- ※ Do not use an adapter.
- ※ Do not use an extension code.
- ※ Never share the power outlet with other appliances.
- ※ Never connect or disconnect the power plug with wet hands to avoid electric shocks.
- ※ Never turn off the unit by unplugging.
- ※ Unplug air conditioner before servicing.
- ※ Never dismantle, repair or modify the unit without authorization to avoid body injury or property damage, be sure it repaired by manufacturer or professionals.
- ※ Never put any objects into the unit.
- ※ Never cover or obstruct air inlet or outlet to prevent overheating.
- ※ Never hit or shake the unit to prevent damage.
- ※ Never spray water or place the unit near water to prevent electric shocks.
- ※ Never place the unit near gas appliances, fire or flammable liquids.
- ※ Move and install the unit by two or more people.
- ※ Keep children away from the unit.
- ※ 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

3.Cautions:

- ※ Keep the unit at least 1 meter away from TV or radios to avoid electromagnetic interference.
- ※ Do not expose the unit under direct sun light to avoid surface color fading.
- ※ Do not tilt the unit for more than 35 degrees or upside-down while transporting.
- ※ Place the unit on a flat surface and upright with less than 5 degrees inclination.
- ※ The unit operates more efficiently in certain room locations (see Installation and Adjustment)
- ※ Keep the drain hose in good condition without flexure then connect with unit.
- ※ Manually adjust the vertical and horizontal louvers slightly to protect louvers from any damage.
- ※ Empty the condensed drainage pan before putting the unit in storage to prolong the unit lifetime end of the season.
- ※ Do not use chemical solvents (e.g. Benzene, alcohol-glazer) to clean the unit surface, do not scratch or damage the unit.
- ※ Make sure to cut off the power before disassembling or installing the filter.

Remark: Do not use this unit in cooling mode if the ambient temperature is higher than 95°F

Function and Technical Specification

- ※ This new series of portable air-conditioners is designed with different cooling capacity levels.
- ※ This unit offers cooling, dry, fan and sleep modes, ideal for home and office use.

- ※ This unit has two different fan-speed levels, accessible by panel control and remote control.
- ※ Temperature setting range of this unit is 62-86°F (17-30°C)
- ※ This unit is designed with various protection functions such as 24-hour programmable timer, auto condensate circle, super intelligent temperature sensor and water-full control and warning etc.

Technical Specification:

Model		Unit	NPA-10C
Power Supply		V~,Hz,Ph	110~120,60,1
Cooling Capacity		kW	2.93
Refrigerant/Charge		Oz	R410A/17.63
Rated input	Cooling	W	1050
Rated Current	Cooling	A	10.2
Moisture Removal		L/h	1.1
Air Circulation		m³/h	380
Noise	High	dB(A)	56
	Low	dB(A)	52
Body Size	WxHxD	mm	300x761x360
Package Size	WxHxD	mm	355x882x460
Net Weight/Gross Weight		kg	24.5 /28.5
Application Area		m²	13~18

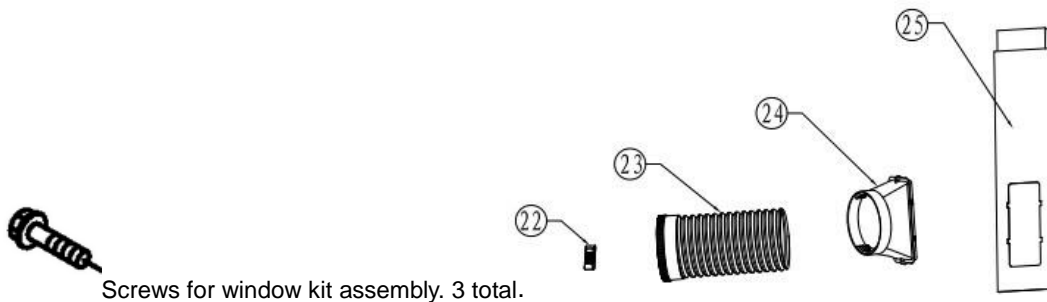
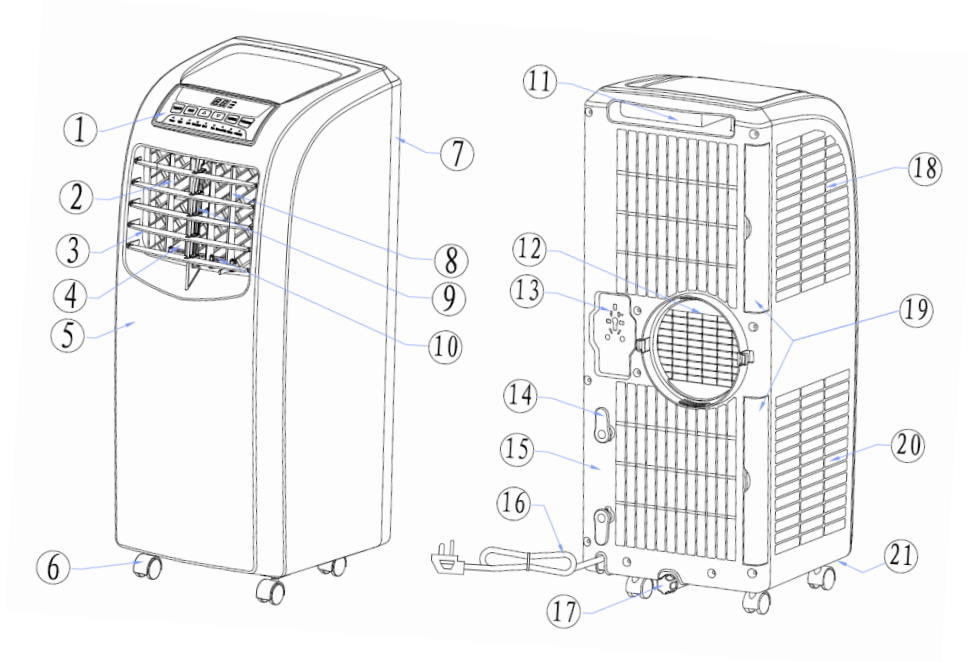
Remark: The above cooling capacity is measured at standard working condition of ambient temperature dry-bulb 95°F, wet-bulb 75°F (Indoor and outdoor, the same conditions)

Features and Identification of Parts

1. Features

- ※ New appearance and compact.
- ※ Both horizontal and vertical louvers can be manually adjusted to enhance cooling performance.
- ※ Integrated design of humanized handle and remote control compartment.
- ※ Large LED control panel, more visualized.
- ※ Power cord winding pillar and universal plug fixing holes to protect the power cord.
- ※ High position of exhaust air outlet, easy assembly and exhaust venting quickly.
- ※ 24-hour Timer function, unique on/off reminding music.
- ※ 3-minute re-start delay protection to compressor and other multiple protection functions.
- ※ Unique exhaust hose and fasteners, convenient installation.

2. Identification of Parts:



Screws for window kit assembly. 3 total.

- | | |
|--|--------------------------------|
| 1. Control panel | 14. Wire winding pillar |
| 2. Vertical louvers | 15. Back shell |
| 3. Horizontal louvers | 16. Power cord |
| 4. Air outlet frame | 17. Drain hole and cover |
| 5. Front shell | 18. Filter |
| 6. Universal wheel | 19. Filters |
| 7. Back shell | 20. Filter |
| 8. Main vertical louver | 21. Chassis |
| 9. Horizontal louvers connecting rod | 22. Remote controller |
| 10. Vertical louvers connecting rod | 23. Exhaust hose assembly |
| 11. Handle (right side for remote control storage) | 24. Exhaust hose adapter |
| 12. Protective net of exhaust vent | 25. Window seal-plate assembly |
| 13. Universal plug fixing holes | 26. 3 screws for window kit |

Installation & Adjustment

1. Installation

Warning:

- Keep this mobile air-conditioner in an upright position for at least 4 hours before first installation.
- Keep the unit in upright position at all times, even when moving to a new location. The air-conditioner should be placed on a flat surface.
- Do not install or operate this air-conditioner in a bathroom or other wet environments.

1.1 Installation of exhaust hose assembly and its adapter

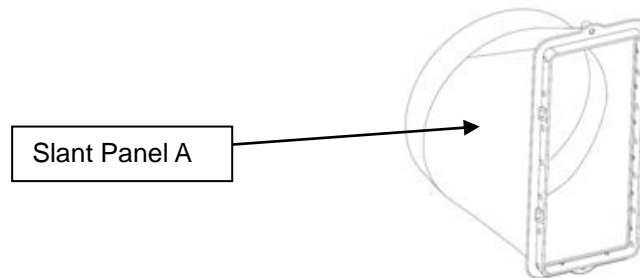


- 1) Take out the exhaust hose assembly and its adapter from plastic bag.
- 2) Extend the exhaust hose at one end, screw the round end of adapter into exhaust hose in counter clockwise direction (as Photo)).

Note: Screw adapter into position, at least 3 full rotations, to insure a good connection of exhaust hose assembly and its adapter (as Photo).

1.2 Installation of the exhaust hose assembly into unit

- 1) Determine window seal-plate position, vertical or horizontal direction.
- 2) If window seal-plate will be in horizontal position, the slanted portion of the adapter should face right.
- 3) If window seal-plate will be in vertical position, the slanted portion of the adapter should be facing up.



1. Take the two ends of exhaust hose and its adapter assembly (in Photo below, figure A).
2. Put the hose end of the exhaust assembly without the adapter into exhaust vent on back panel (as in Photo).

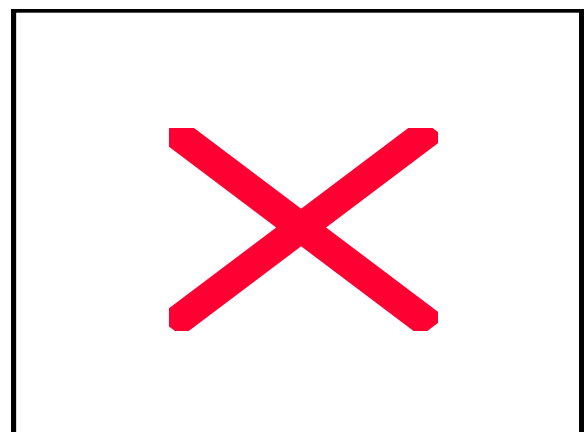
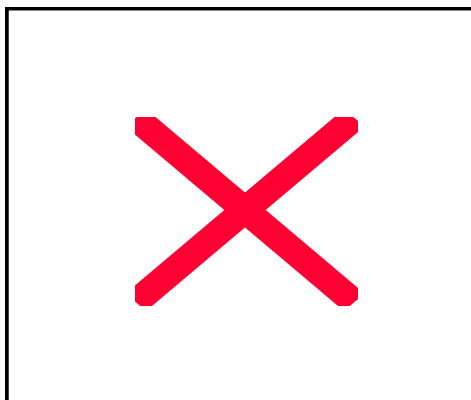
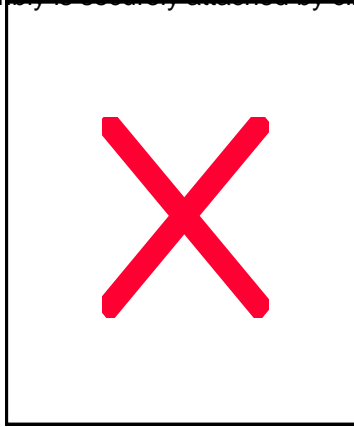


Figure A.

Remarks:

- Make sure exhaust hose assembly is securely attached by clips in exhaust outlet to avoid it falling off.



1.3 Installation of window seal-plate

1. Install the rectangle end of exhaust hose adapter into the corresponding rectangle hole in window seal-plate assembly, fix it with screw. (Figure B. in Photo below).
 - A. Align the 4 openings on window seal-plate with corresponding 4 tabs on exhaust hose adapter and set them together. Slide window seal plate downwards onto the exhaust adapter.
 - B. Lock self-tapping 4 mm screw into adapter hole. See pictures below.

Remarks:

- Slide the adapter downward, and assure the pieces are aligned in proper position.
- Screw the two components together to ensure the connection.
- Exhaust hose should not be bent more than 45°, in order to keep good ventilation of exhaust hose.

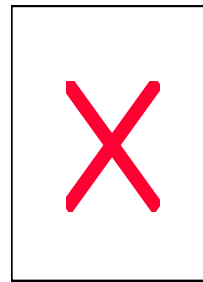


Figure B.

Installation of window venting kit

The Venting kit must be installed in order for the unit to work correctly in the air conditioning mode.

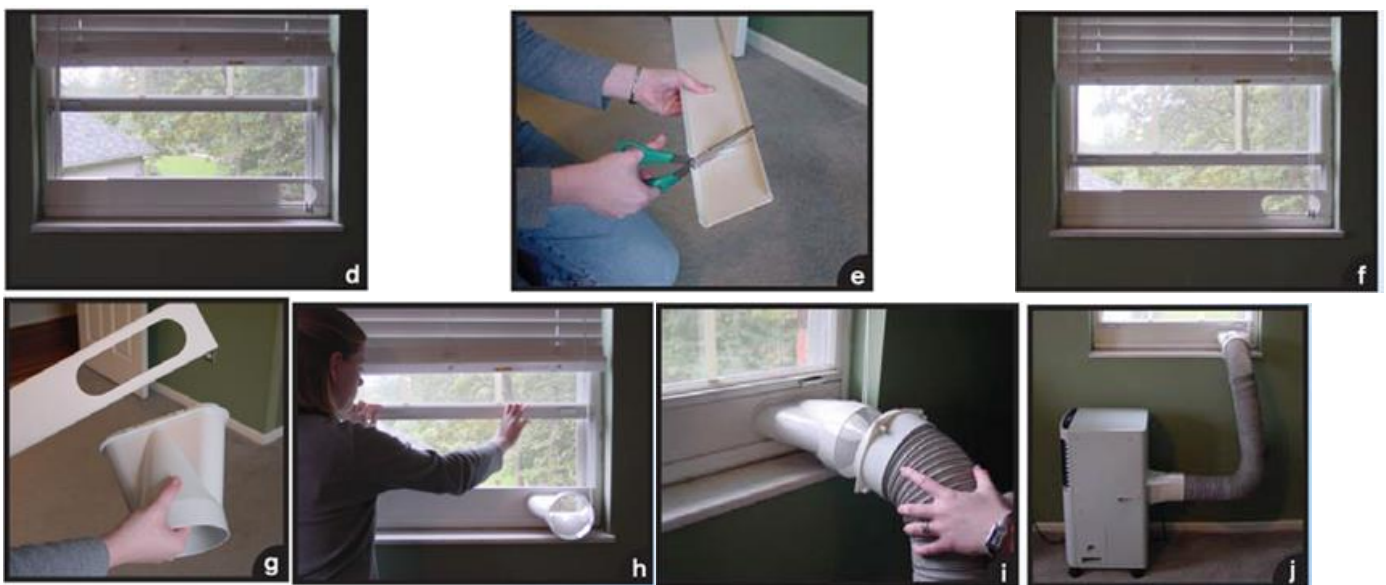
The venting kit does not need to be used in the fan only mode. This window kit has been designed to fit most vertical and horizontal window openings. The window kit can also be used in sliding door, with additional components, not included.

1. Choose a suitable location, near a grounded electrical outlet, and a suitable window or door.
2. Open the window or door and adjust the length of the window kit to fit the opening. The kit should fit into the

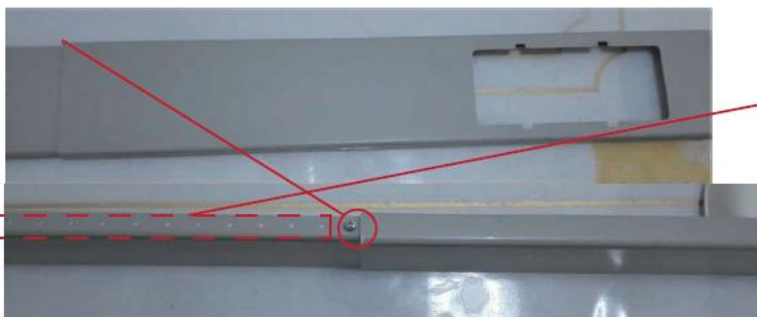
window frame channel that the window slides in. If necessary mark the kit and cut one end down to properly fit the opening. (Figures D, E, and F)

3. Attach screws to window kit adapter, to hold sliding panels in place. This is for vertical installs only. (Figure K)
4. Attach the window kit adapter to the window kit. (Figure G, and I)
5. Place the window kit back into the window with exhaust hose attached to the window kit adapter. (Figure I and J)
6. Close the window tightly, and your portable air conditioner is now ready to cool!

Note: When using the venting system, keep the exhaust hose as straight as possible. The exhaust hose can be shortened, but it is not recommended to increase the length of the exhaust hose. Do not use an extension cord with your portable air conditioner. Pictures are for illustration purpose only.



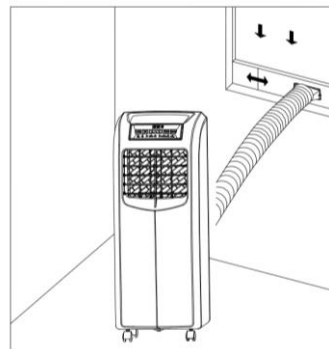
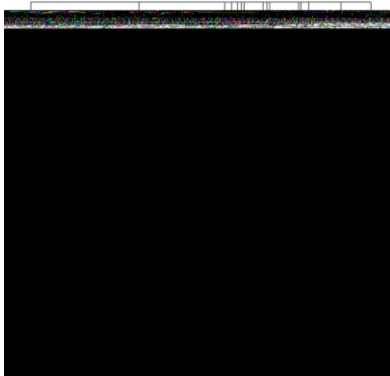
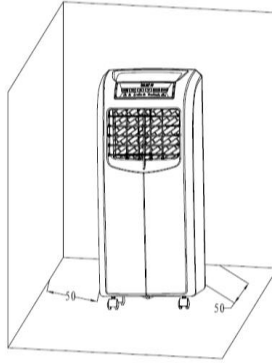
Window kit after installation



The screws can be fixed in these holes to permanently hold sliding panels in place

Figure K

2. Move the unit together with its exhaust hose assembly in front of the window and keep the unit at least 50cm away from the walls or other objects. (As Photo).



Important notes:

The exhaust hose is 280mm-1500mm long. Do not use a different exhaust hose to operate this unit. This unit will only operate properly with the size of the hose provided, and using a different sized hose will affect the performance of the unit. The exhaust hose must be smooth or it may lead the air-conditioner to overheat

Operation and Settings

1. Control Panel

This section explains proper mobile air conditioner operation.

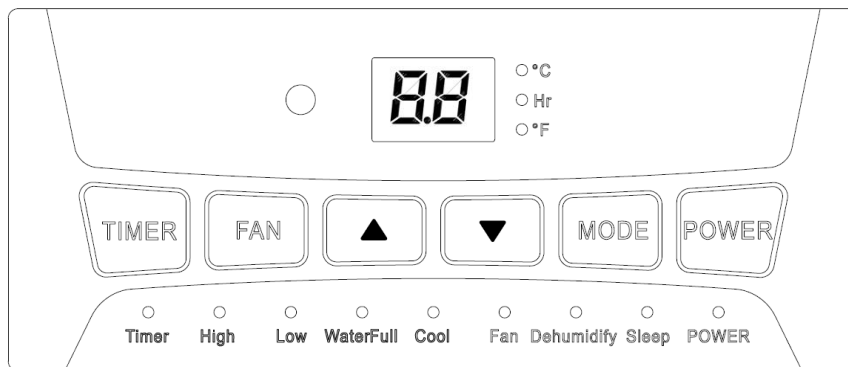


Figure 3

	On/Off button		Mode button		Up button
	Timer button		Fan speed button		Down button
	Timer indicator		Fan speed indicator		Water-full indicator
	Cool mode		Fan mode indicator		Dehumidify mode indicator
	Sleep mode indicator		Power indicator		Remote control signal receiving window
	LED display window		Timer indicator		Celsius/ Fahrenheit temperature indicator

2. Control Panel Operation

This unit features Cool, Dehumidifying, Fan and Sleep mode operations.

1) Turn on the unit.

A. Plug in and all indicators will light up on control panel and reminding music will be on, display window will show ambient temperature ranging from 50- 95°F, will be red in color, unit is in standby for operation.

B. Press the button, the unit is on with reminding music sounded, will be green in color, and operate in Cool Mode automatically, temperature set 75°F, fan runs at high speed, and will be green in color.

2) Select operating mode

Press the button to select a desired mode shown below, and its corresponding indicator will light up.



Under cooling mode, press “Timer” + “” buttons together, the unit will auto enter into “Sleep” Mode.


3) Adjust temperature

The temperature can be set within a range of 63-86°F under cooling mode.

Press or buttons to increase or decrease the temperature 1.8°F (1°C) by pressing once.



Press ▲ and ▼ buttons together to convert Celsius degrees to Fahrenheit degrees and corresponding indicator will light up.

4) Adjust fan speed

Press the  button to select a desired fan speed shown below



5) Stand-by

Press the  button again, the unit will stop working with reminding music sounded,  will be red in color.

Notice: Working principle for each mode and function

1. Cool mode:

- When room temperature is 1.8°F (1°C) higher than the set temperature, the compressor and fan will start working.
- When room temperature is 1.8°F (1°C) lower than the set temperature, the compressor will stop working and the fan will continue running at original speed.
- Room temperature can be set within a range of 63-86°F and fan speed can be adjusted to high or low levels.
- On/Off time can be set.
- E1, E2 & E4 protection (see Troubleshooting).
- Water-full warning protection.

2. Fan mode:

- Fan runs at set speed, and compressor will not work.
- Fan speed can be adjusted to high or low level.
- Room temperature will automatically show on LED display with range 50- 95°F.
- Room temperature can't be adjusted.
- On/Off time can be set.












3. Dehumidify mode:

- Fan will run at low speed automatically, and the speed can't be adjusted.
- Room temperature can't be adjusted.
- Room temperature will automatically show on LED display with range 50- 95°F
- On/Off time can be set.
- E1, E2 & E4 protection (see Troubleshooting).
- Water-full warning protection.

4. Sleep mode:


- Under cooling mode, press "Timer" + " ▼ " buttons together, the unit will auto enter into "Sleep" mode.
- Fan will turn to low speed automatically and can't be adjusted.
- Set temperature will increase 1.8°F (1°C) when the unit is running for 2 hours, increase 1.8°F (1°C) again in another 2-hour working period, then keep set temperature unchanged further.
- Room temperature will automatically show in LED display with a range 50- 95°F.
- On/Off time can be set.
- E1, E2 & E4 protection (see Troubleshooting).
- Water-full warning protection.


5. Timer Operation


- While the unit is running, Press “Timer” button to set automatic OFF feature,  will light up.
- Enter the number of hours you would like the unit to run for. The unit will turn off automatically when the set time has elapsed.
- Press “Timer” button to set automatic ON time while unit is off,  will light up.
- Enter the number of hours you would like the unit to turn on in. The unit will turn on automatically and run until it is shut down.
- When press “Timer” button is pressed,  &  will light up,  on LED display. LED window will flash in half second frequency, press  or  buttons within 5 seconds to finish timer setting, set time will flash for 5 seconds for confirmation and  will turn off, then room temperature will be shown on LED display window.
- Under “Timer” function, press “Timer” once to check time remaining. Timer indicator will light up; press “Timer” twice within 5 seconds to cancel timer,  will turn off.
- The time can be adjusted within a range of 1-24 hours, press  or  buttons to increase or decrease time in 1 hour increments.
- Unit will not change working modes after timer setting. Timer will not stop by other functions.
- Timer will be ineffective if any operation from control panel or remote control to turn on or turn off the unit.


3. Remote Control Operation


The Remote control transmits the signal to system.


 Power Button: press this button to start or stop the unit when it is in operation.


 Timer Button: press this button to set units automatic on and off time

 High Button: press this button to select high speed of fan. (except dry and sleep modes)

 Low Button: press this button to select low speed of fan.

 Up Button: press this button to increase temperature or timer setting.

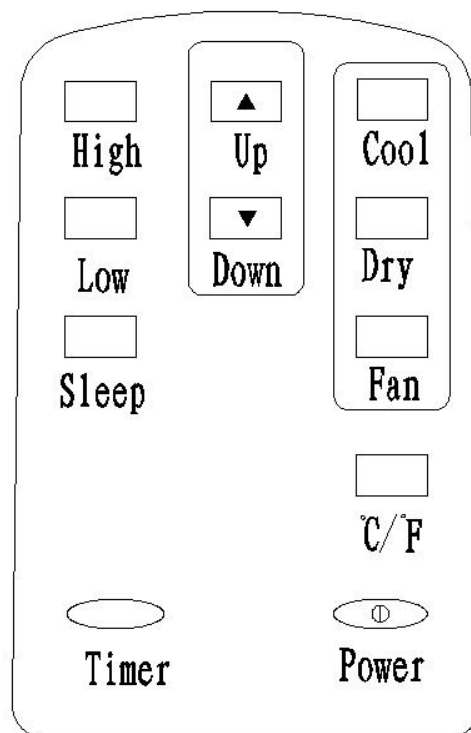
 Down Button: press this button to decrease temperature or timer setting.

 C/F Button: press this button to make Celsius degrees and Fahrenheit degrees interchange.

 Cool Button: press this button to select “Cool” mode.

 Fan Button: press this button to select “Fan” mode

 Dry Button: press this button to select “Dry” or “dehumidifying” mode

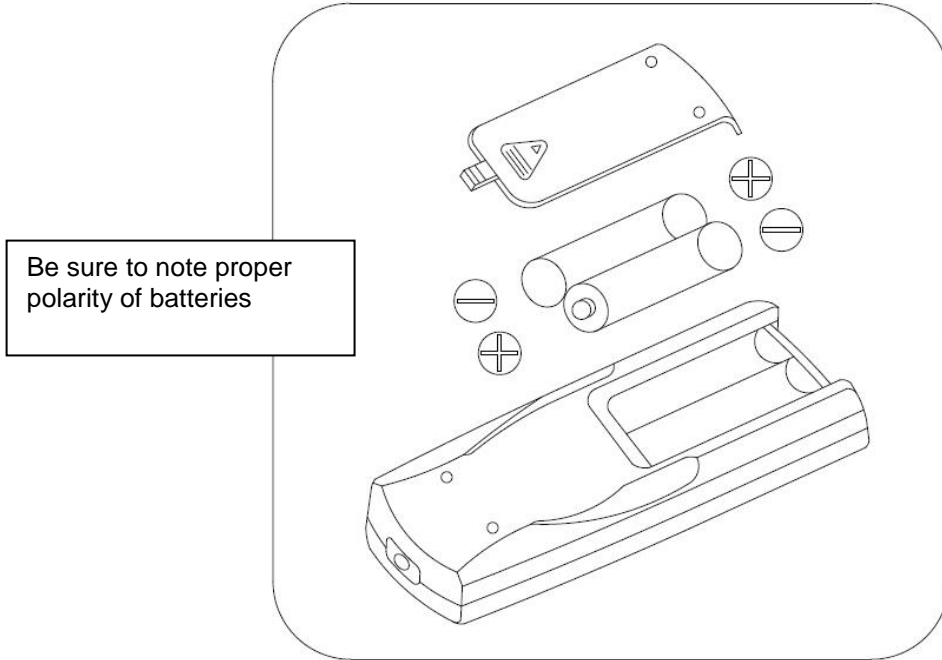




Sleep Button: press this button to select “Sleep” function under cooling mode.

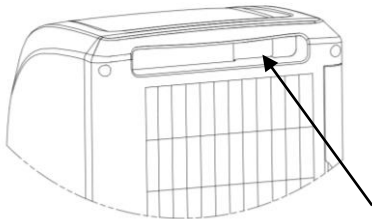
Before using your remote, install the AAA batteries into remote control.

1. Press and glide the battery cover on the back of the remote control, then you can remove the cover.
2. Insert two new alkaline AAA batteries into the battery compartment. Be sure to note the proper polarity.
3. Reattach the battery cover and make sure the locking tab clicks into place.



Notes:

- Use alkaline batteries only. Do not use rechargeable batteries.
- When replacing batteries, always replace both batteries with new batteries, do not mix old and new batteries.



Remote Control Storage Area

- If the air conditioner will not be used for an extended period of time, remove the batteries from the remote control.

4. Remote Control Storage

Note: In order to avoid losing the remote control, please put the remote control inside of the storage place when you do not use it.

CAUTION

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water, do not use the remote control if the batteries have any leakage.

Multiple Protection Functions

1. Anti-frost protection function

The compressor motor will turn off when the compressor is running for over 10 minutes and tube temperature inside the compressor is continuously $\leq 36^{\circ}\text{F}$ for 20 seconds while in cooling mode. An error code of E4 will show on the LED display window, and the unit initiates the anti-frost protection. All buttons on control panel (except for power button) are inactive.

Once the tube temperature inside the compressor is $\geq 46^{\circ}\text{F}$, the protection is relieved to recover into original status, and the compressor will continue to run after a 3 minute delay. See Delay Protection feature below.

2. Water-full safety alarm and shut –off protection function:

Warning will sound when water reaches its alarm level in water tank, and unit will automatically stop operation. Both water-full indicator and “FL” on LED window will be flashing. You will need to drain the excess water in the unit, before continuing operation. (For more information about how to drain, refer to the “Drainage Instruction” please).

3. Delay protection function of compressor

This unit offers restart protection to compressor. There is 3-minute start delay after compressor is shut down.

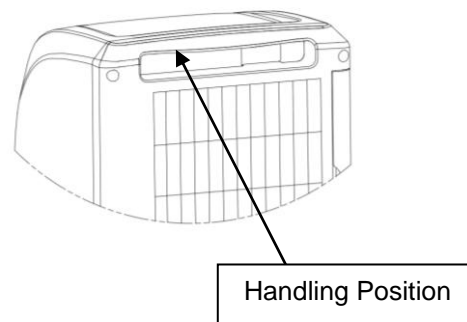
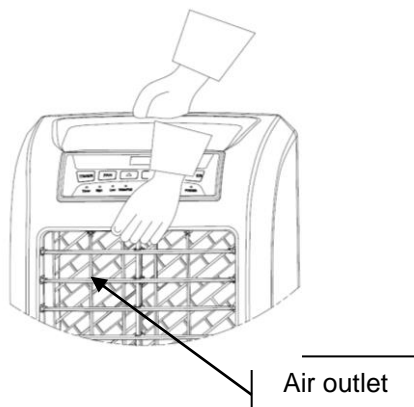
Handling and Transportation

1. Handling and moving the unit

Hold the top of the air outlet window in front panel with one hand, and the handle at the top of the back panel with another hand, then move the unit in upright position (As shown in Photo below).

Note:

- Do not hold the horizontal louvers by hand.
- Keep the unit in the upright position whenever handling or moving it.
- If unit has been in operation, drain the water in the unit completely before moving the unit.
- Take away the remote control before handling or moving the unit



Drainage Instruction

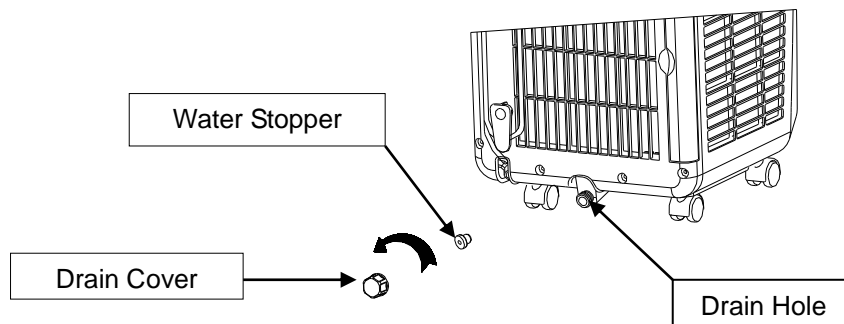
1. Manual drain:

When the water volume reaches its alarm level in the water tank, a warning will sound and the unit will automatically stop working. The water-full indicator “FL” will be flashing on LED display window.

- A. Put a drainage tray or catch pan below the water outlet at the back of the unit. (Tray is not included)
- B. Screw off the drain cover, and unplug the water stopper to allow water to flow out of unit into tray.
- C. After unit is completely drained, plug in water stopper and screw the water cover tightly onto water outlet.

Notes:

- Be careful not to damage the drain cover or water stopper.
- Tilt the unit slightly backwards when draining.
- If the tray is full before all the water has drained out, block the drain hole and empty tray. Continue to empty water until excess water is drained. (Tray is not included)
- Water stopper and drain cover must be tightly installed, to avoid any water leakage.



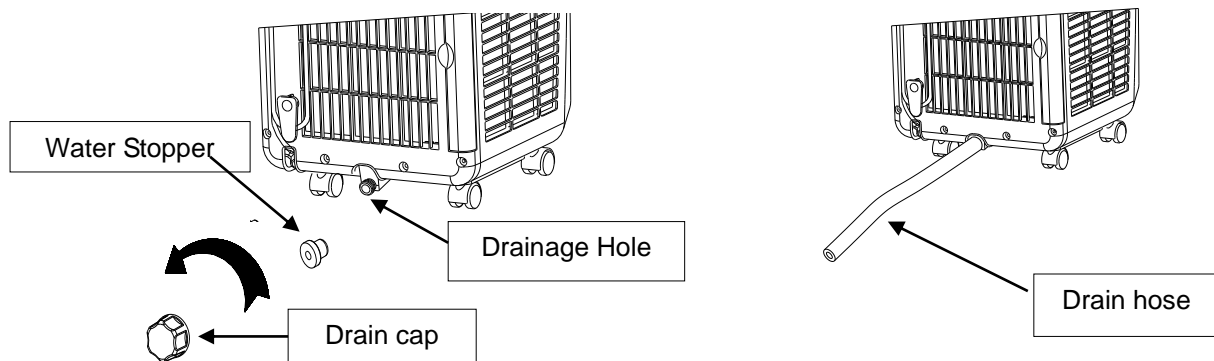
2. Continuous drain feature:

NOTE: This unit does not come with drainage hose, must be purchased separately.

- 1) Screw off the drain cover and unplug the water stopper (as Photo).
- 2) Connect drain-hole with 13mm PVC drain hose, screw on tightly to avoid leakage (as Photo).
- 3) Make sure and drained the hose to bathroom or outdoors.

Notes:

- If using the continuous drain feature, the drainage hose must be installed before unit starts working.
- It is suggested to use manual drainage when unit in cooling mode, to ensure enough water to recycle in the unit to cool condenser and enhance cooling performance.
- Put the drain hose in an inaccessible place, not higher than drainage hole and keep drain hose straight without any flexure.
- Keep the drain cover and its stopper properly installed when continuous drainage is adopted.



Maintenance and Service

Remark: Turn off the unit and pull out the plug before maintain or send the unit to service center.

1. Surface cleaning

Clean the unit's surface with a wet soft cloth. Do not use chemical solvents such as alcohol or gasoline to avoid any damage to unit.

2. Filter cleaning

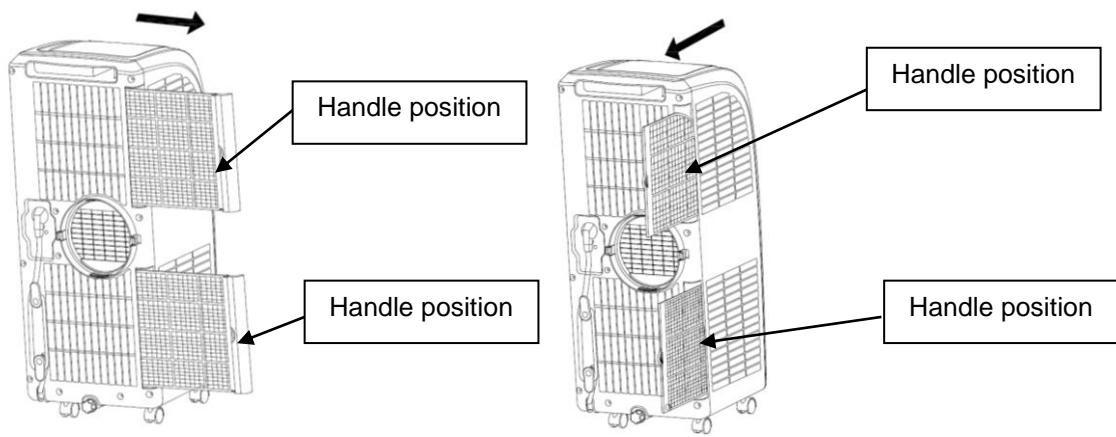
Clean the filter every two weeks, otherwise it will affect the performance of the unit, if filter is clogged.

2.1 How to clean filter

1. Grip the filter handle and take it out gently in the correct direction shown by the arrow (as Photo).

Notes:

- Use even force to take out the filter to avoid any twist or damage to filter.
- Take the filters of back panel first, then side panel.



2. Clean the filters gently in warm water (about 104°F) mixed with detergent, and dry in the shade.

Notes:

- Do not squash the mesh.
- Do not hit the mesh with sharp objects or brush.

2.2 Installation of the filter

Special note: Be sure to install the filters to side panel at first then the filter into back panel.

1. Aim the end of the filter toward slot then push filter in even force gently into slot.

Notes:

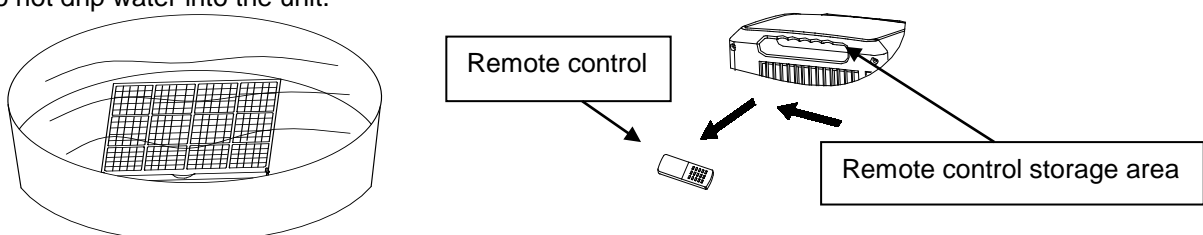
- Install the filter in opposite direction of removal.
- Install the filter into place gently to avoid any damage.

2. To clean the handle and remote control storage area.

1) Take out the remote control (as Photo).

2) Clean the handle position and remote control storage area with a wet, soft cloth.

Note: Do not drip water into the unit.



End of Season Storage

1. Screw off the drain cover, and then pull out the stopper to drain water completely.

Note: the tilt angle of the unit must be $\leq 30^\circ$.

2. Keep the unit running in fan mode for 12 hours, to dry inside of unit completely, to prevent unit from going moldy.

3. Turn off the unit, pull out plug then wrap the power cord around the wire-winding pillar, insert the plug into the universal fixing hole at the back panel of the unit, install the water plug and drain cap.

4. Remove the exhaust hose assembly and clean it.

5. Pack the air-conditioner properly with soft plastic bag and put it in dry place with appropriate dust-proof measures and keep the unit away from children.

6. Take out the batteries from the remote control and keep it properly.

Note: Assure the unit is stored in a dry place. All accessories of the unit shall be properly protected together.

Troubleshooting

Please check the unit and suggestions below before asking for professional service, but never dismantle or repair the unit by yourself, it may cause harm to you and your property.

Trouble	Cause	Remedy
The unit fails to start up	Power supply failure	Connect the unit to a live socket and turn it on.
	Water-full and its indicator lighting up	Drain the water stored in the unit.
	Ambient temperature too low or too high	It is recommended to use this unit between 10-35°C (50-95°F.)
	The room temperature is lower than the set temperature in cooling mode.	Change the set temperature
Bad cooling effects	There is direct sunlight	Close the curtain
	The doors and windows are open, the room is crowded or there are other heat sources	Close the door and window, remove other heat sources, and add new air-conditioners
	Dirty filter	Clean or replace the filter.
	Air inlet or air outlet clogged	Remove the obstruction
High noise level	The unit is being placed at uneven surface.	Put the unit at a flat and firm place (may reduce noise)
The compressor does not work	Initiation of overheat protection.	Wait until the temperature decrease, the unit will re-start automatically
The remote control does not work	Too long distance	Bring the remote control close to the air-conditioner and ensure aims at signal receptor on unit.
	The remote control didn't aim at signal receptor on unit.	
	The batteries have no electricity	Replace the batteries
LED displays error code "E1"	Tube temperature sensor failure	Check the tube temperature sensor and related circuits
LED displays error code "E2"	Room temperature sensor failure	Check the room temperature sensor and related circuits
LED displays error code	Anti-freeze protection	Restore the functions automatically

"E4"		once anti-freeze protection is over.
Water-full indicator lights	The water in chassis is full	Drain the water and re-start the unit

Appendix

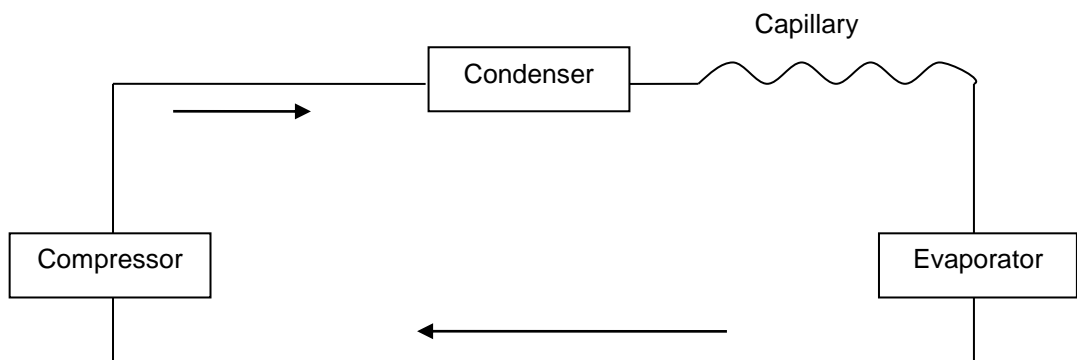
Fuse parameters

Model: FSD or 50F

Voltage: 250V

Current: 3.15A

Schematic diagram of the air conditioner



For specific technical parameters of the model, refer to rating label on the product.



Correct Disposal of this product

This marking indicates that the product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.