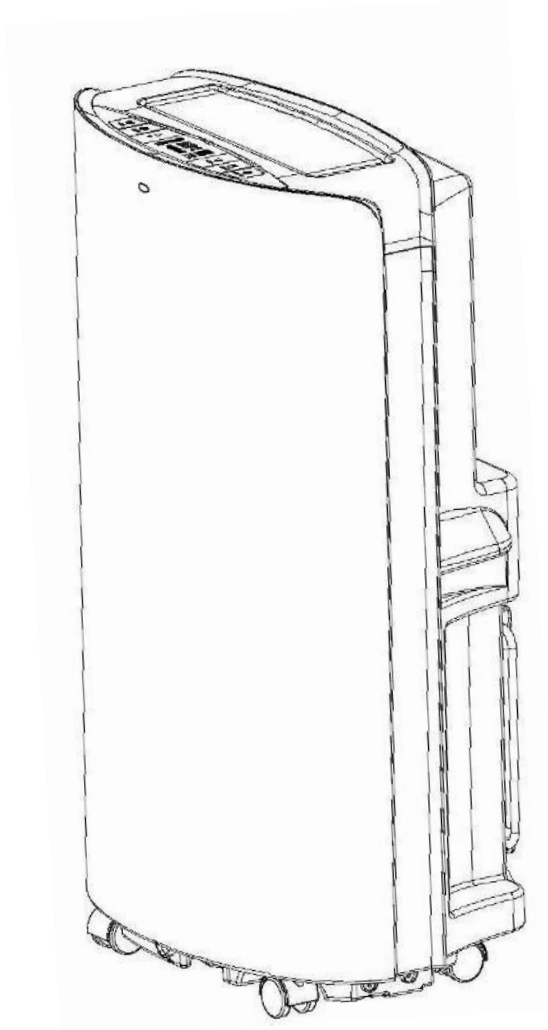


Mobile Air Conditioner Use and Care Manual

Part Number: 048-GM-48265

DELLA



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.

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SAFETY CAUTIONS

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 to the following instructions, 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 is grounded through the power cord plug when plugging into a matching wall outlet. If you are not sure whether the wall outlet in 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



WARNING:

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

- Do not use this unit in wet environment, like outdoor or bathroom etc., indoor use only.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension power cord.
- 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.
- Two or more people to move or install air conditioner.
- Do not let children play near 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.

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.
- Keep the drain hose in good condition without flexure then connect with unit.
- The unit operates more efficiently in certain room locations (see Installation and Adjustment).
- 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.

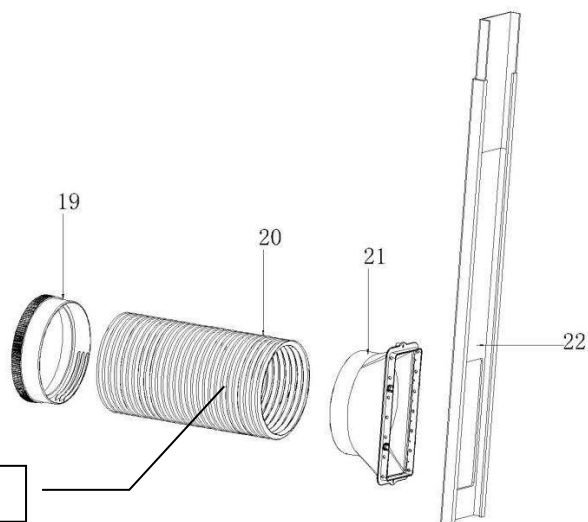
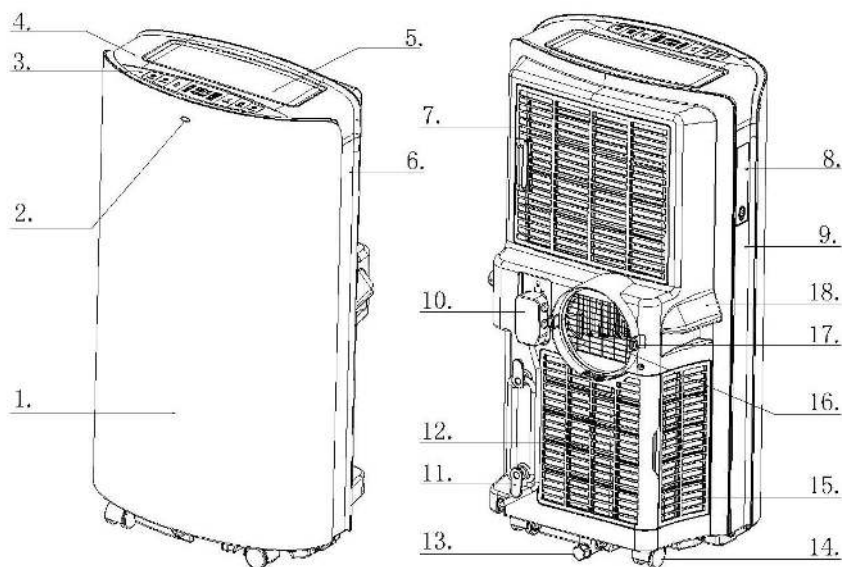
Remark: Do not use this unit in cooling mode if the ambient temperature is higher than 35°C or heating mode if ambient temperature is lower than 7°C.

Features and Identification of Parts

1. Features

- New appearance with compact design, more luxury and upscale.
- Remote control & Panel control with LCD display and touch screen makes your operation more accessible.
- The unit is with cooling, heating, fan, dehumidifying, and sleep functions.
- Air outlet is upwards, auto swing of horizontal louver and cover air outlet window when stop working, to avoid dust into unit, vertical louvers can be manually adjusted.
- Humanized built-in remote control compartment, easy storage.
- Handles with cut-point design, make the whole unit more humanized.
- Power cord holder and universal socket can well protect the power cord.
- High position of exhaust air outlet, easy assembly and venting quickly.
- Intelligent, environmental-friendly and energy saving with self-evaporative cooling system.
- 24-hour Timer function, unique on/off reminding music.
- 3-minute delay re-starting protection to compressor and other multiple protection functions.

2. Identification of Parts:



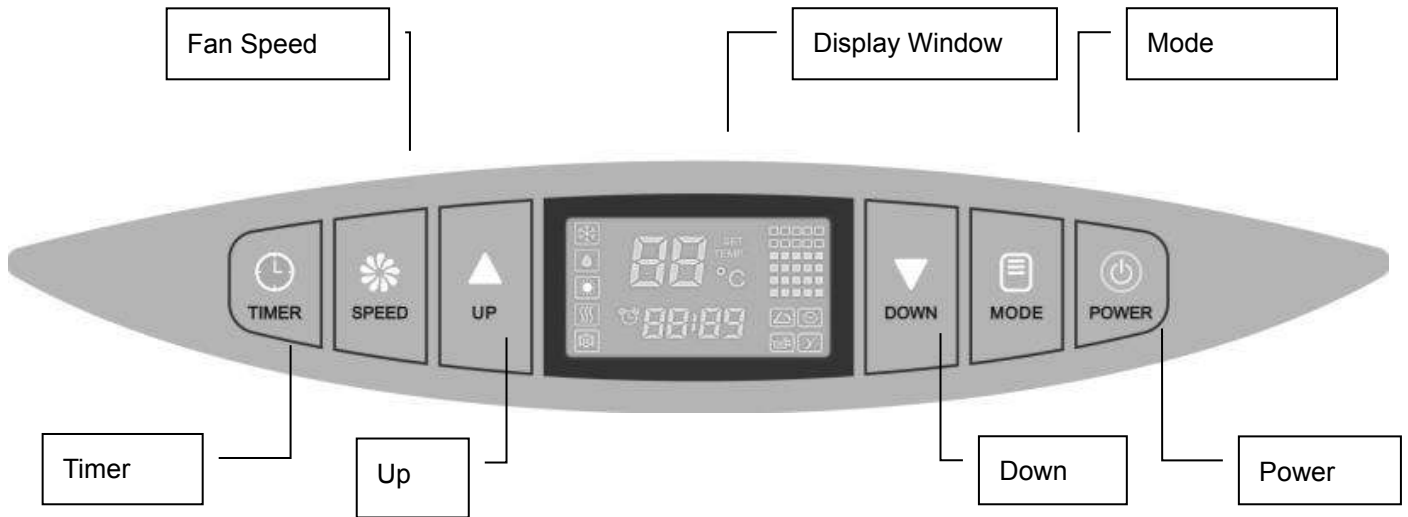
Slant Panel of Adapter

- | | |
|---|-------------------------------------|
| 1. Front panel | 13. Drain cover |
| 2. Remote control receiving window | 14. Universal wheel |
| 3. Control panel | 15. Filter assembly of side panel |
| 4. Top panel | 16. Protective grid |
| 5. Horizontal louver | 17. Fastener |
| 6. Right decoration board | 18. Handle |
| 7. Upper filter assembly of back panel | 19. Round connector of exhaust hose |
| 8. Remote control compartment | 20. Exhaust hose |
| 9. Left decoration board | 21. Adapter of exhaust hose |
| 10. Power cord | 22. Window kit |
| 11. Winding-pillar | |
| 12. Lower filter assembly of back panel | |

Operations and Settings

Control Panel

This section explains proper mobile air conditioner operation.



Control Panel Operation

This unit is with Cooling, Heating, Dehumidifying, Fan and Energy Conversation & Sleep modes operations.

1. Energize the Unit

Plug in and all icons in LCD display window will light up for 2 seconds and reminding music will be on, then LCD display window will show ambient temperature with range 5 - 35°C (41-95°F), unit is standby for operation.



2. **POWER** : Touch this key to turn on the unit, reminding music is sounded, and unit runs under cooling mode automatically with set temperature 22°C (72°F), fan runs in medium speed. Touch this key again, unit will be off and reminding music will sound.


A. When unit is on, LCD display window will show ambient temperature, fan starts running and air outlet window will open automatically.





B. When unit is off, all parts stop working, air outlet window will close automatically.



3. **MODE** : Touch this key to switch and select unit working mode you want, all modes turn as below for your confirmation.



Operating Modes	COOL		Temperature Setting Range	16°C--30°C (60°F--86°F)
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	DEHUMIDIFY		----	----
	HEAT		Temperature Setting Range	16°C--30°C (60°F--86°F)
	FAN		----	----
	Energy Conversation		Temperature Setting Range	16°C--30°C (60°F--86°F)



4. UP and DOWN :



A. Touch UP or DOWN to increase or decrease the temperature 1°C or 1°F by pressing once.



B. Touch UP or DOWN over 2 seconds to continuously increase or decrease the temperature number by 0.5 second interval, temperature setting range is 16~30°C/60~86°F.





C. Touch UP and DOWN together in same time to convert Celsius degrees and Fahrenheit degrees. (°C ↔ °F transition).

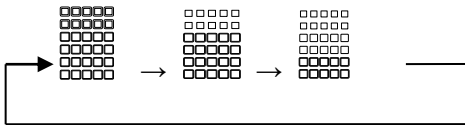




D. Touch UP or DOWN in TIMER status to adjust time setting.





5. SPEED : touch this key to change fan running speed to High speed 、Medium speed  or Low speed. .

A. Under COOL  and FAN  modes, fan running speed can be adjusted by below order,



B. Under HEAT  mode, upper fan will run at low speed  after the compressor works 2 minutes.

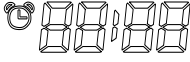


C. Under TRY  mode, fan will be forced to run at low speed , temperature can't be adjusted.

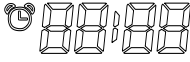
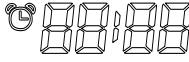
D. Fan speed will be unchanged if unit operated between COOL and Fan modes, that means if fan running at low speed under FAN mode, the fan speed will keep same when unit changed to COOL mode; if fan running at high speed under COOL mode, it would keep same when unit changed to FAN mode.

E. Fan will be forced running at low speed under Dehumidify and Sleep modes and fan speed can't be adjusted.

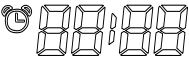


6. **TIMER:** Touch this key to set unit auto turn-on /turn-off time, to check or cancel time setting.



A. This unit is designed with 24-hour timer,  first two digits are for hours 00-24, and last two digits  **UP** or  **DOWN** are for minutes 00-60. You can increase or decrease half an hour each time by touching **UP** or **DOWN** to finish hour and minute setting.

B. You can set unit AUTO OFF time when it is running. Or set unit AUTO ON time when unit is standby. Once timer setting is OK,  will be lighting till the time you set is over and  will be off.





C. You can touch **TIMER** again to re-set time when **TIMER** function is on. The **TIMER** is subject to the final time setting. And **TIMER** would be ineffective and  would be off if any operation from control panel or remote control to turn on or turn off the unit.



7. **TIMER + UP** : Start SLEEP Function by touching **TIMER + UP** in the same time under COOL or HEAT mode,  in LCD screen will be on; re-touch **TIMER + UP** to stop "Sleep" function,  will be off. Sleep function will be ineffective under FAN or DEHUMIDIFY mode.





8. **SPEED + UP** : Turn on or turn off Auto-Swing by touching **SPEED + UP** . Horizontal louvers will swing automatically when unit starts working, touch **SPEED + UP** together to turn off auto-swing,  in LCD screen will be off. Re-touch **SPEED + UP** together to turn on auto-swing,  in LCD screen will be on again.



9. Other functions.

A. Energy saving: Background light in LCD screen will light up for 10 seconds then automatically off if you touch any key when unit is energized or background light is off.



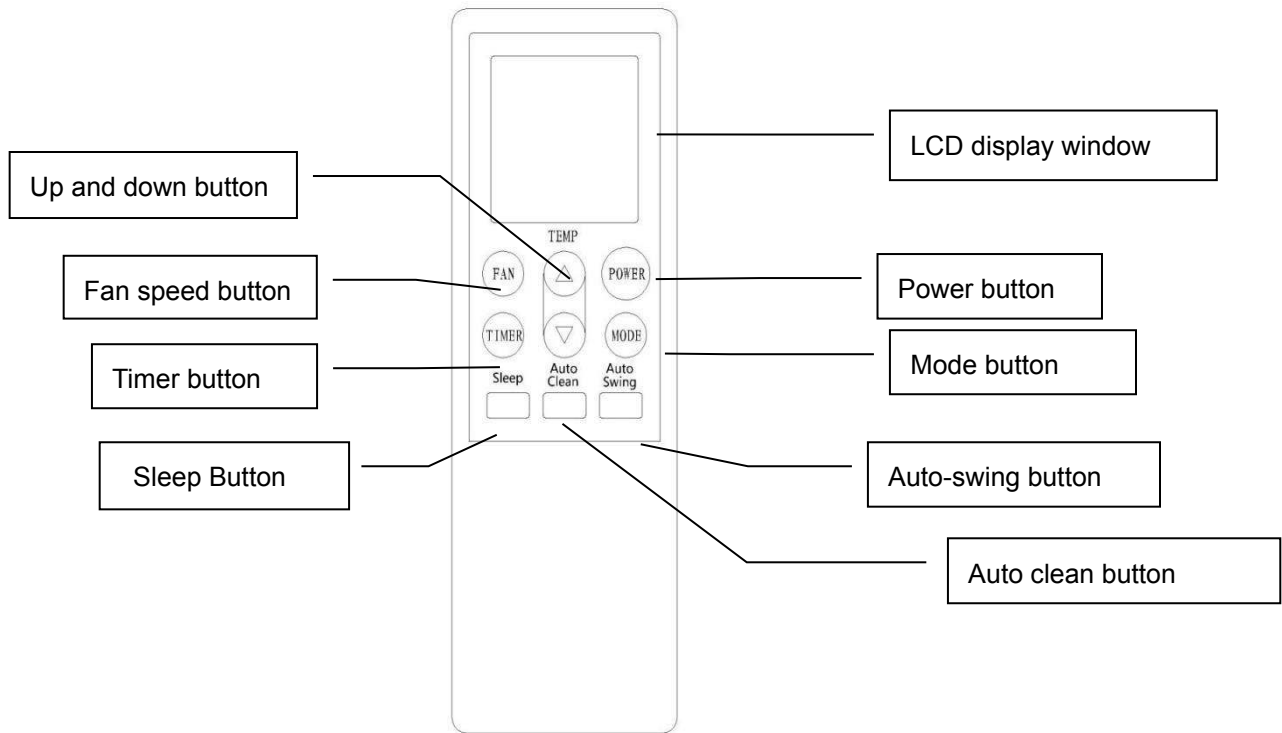
B. Auto-clean  : Unit will start  and keep three minutes before off under COOL, DEHUMIDIFY modes.



C. Energy Conversation: Low energy consumption under Energy Conversation mode.

Remote Controller Operation

The Remote controller transmits the signal to system.

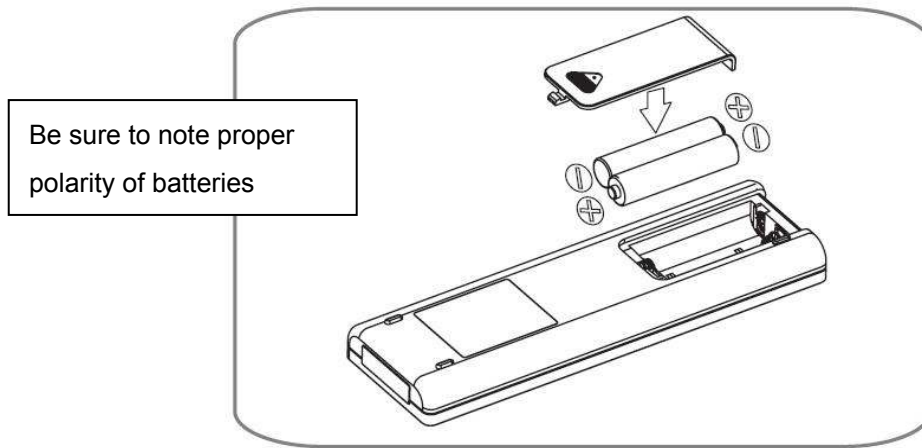


1. Power: Press this button to start the unit when it is energized or stop the unit when it is in operation
2. Mode: Press this button to select operation mode.
3. : Press this button to increase room temperature and timer setting.
4. : Press this button to decrease room temperature and timer setting.
5. Fan: Press this button to select fan speed in sequence: Low → Medium → High.
6. Auto-Swing: Press this button to turn on or turn off auto-swing function.
7. Sleep: Press this button to select or cancel sleep mode (only effective under cooling, heating operation or energy conversation modes)
8. Timer: press this button to set AUTO-ON and AUTO-OFF time. Time can be adjusted between 0.5-24 hours. It jumps by 0.5 hour interval within 5 hours, and 1 hour interval over 5 hours, set time will flash 5 times on screen then confirm the setting.

BEFORE USING YOUR AIR CONDITIONER, INSERTING BATTERIES INTO YOUR REMOTE CONTROL

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, being sure to note the proper polarity.
3. Reattach the battery cover, making sure the locking tab clicks into place.



Notes:

- Use alkaline batteries only. Do not use rechargeable batteries.
- When replace batteries, always replace both batteries with new batteries, do not mix old and new batteries.
- If the air conditioner will not be used for an extended period of time, remove the batteries from the remote control.

Remote Control Storage

Your air conditioner has a special place for convenient storage the remote control, please refer to “Remote Control Placement”.

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

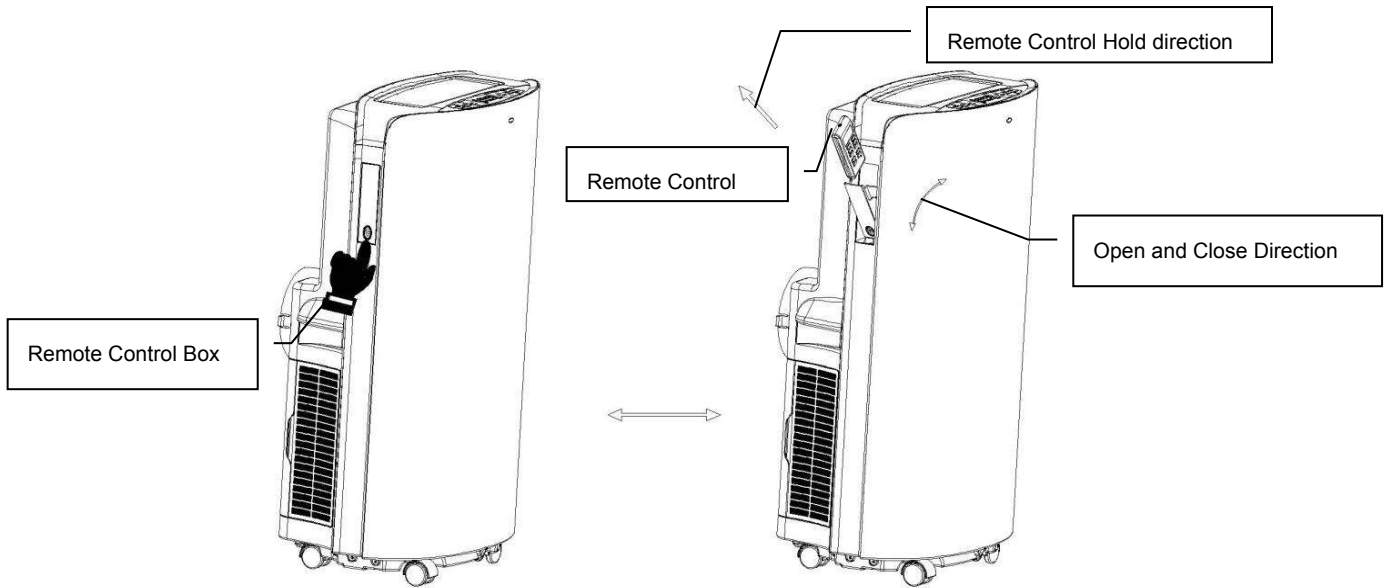
CAUTION

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.

If you eat the liquid from the batteries, brush your teeth and see doctor. The chemicals in batteries could cause burns or other health hazards.

Remote Controller Placement

1. Insert remote controller into built-in compartment in left side of unit, and push it gently for closure. (as Figure 8)
2. Press the lower part of built-in compartment gently to open it and take out remote controller. (as Figure 8)



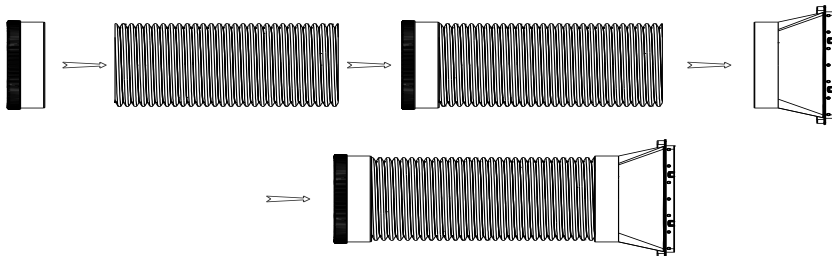
Installation & Adjustment

1. Installation

Warning:

- Keep this mobile air-conditioner in upright position at least 2 hours before first installation.
- This air-conditioner may be moved indoor conveniently; keep the unit in upright position while moving it. The air-conditioner shall be placed at flat surface.
- Do not install or operate this air-conditioner in bathroom or other wet environments.

1.1 .Installation of exhaust hose assembly and its adapter (as Figure 1)



- 1) Take out the exhaust hose and its connector and adapter, to remove the plastic bag.
- 2) Extend one end of exhaust hose, screw the end without slot of round connector onto it with anticlockwise direction at least 3 laps.
- 3) Extend another end of exhaust hose, screw the adapter onto it with anticlockwise direction at least 3 laps.

Note:

Screw round connector and adapter into right position, at least 3 laps, to keep good connection of exhaust hose assembly.

1.2 Installation of exhaust hose assembly to main unit. (As Figure 2)

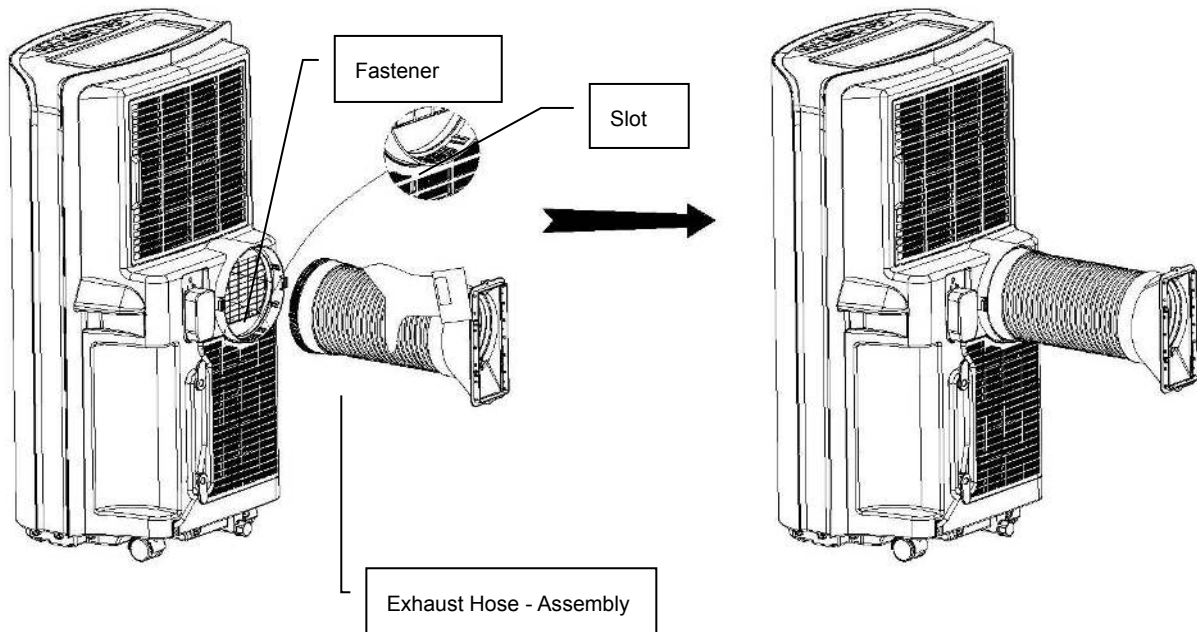


Figure 2

Put front end of exhaust hose assembly onto jugged position of exhaust air outlet at back panel, fasteners will lock the exhaust hose assembly. (As Figure 2)

Note:

1. Keep the right direction of slant side of adapter, for ease installation of window seal-plate.
2. Keep exhaust hose connected in good position.

1.3 Installation of window seal-plate

- 1) Make the window half open, put the seal-plate into window, either in vertical or horizontal position. (As Figure 3 and 4)
- 2) Extend seal plate parts and adjust it to the length of window, keep both ends to meet window edge, fix it with screws then.

Note:

1. Keep two ends of window seal-plate to meet the window edges well, to assure seal effect.
2. Turn the screw in good position.

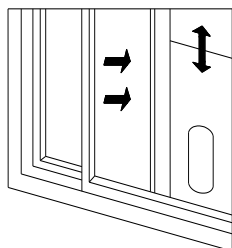


Figure 3

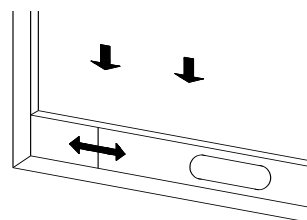


Figure 4

1.4 Installation of the unit

- 1) Move the unit with the exhaust hose assembly installed in front of window and keep the unit at least 50cm away from the walls or other objects. (As Figure 5).

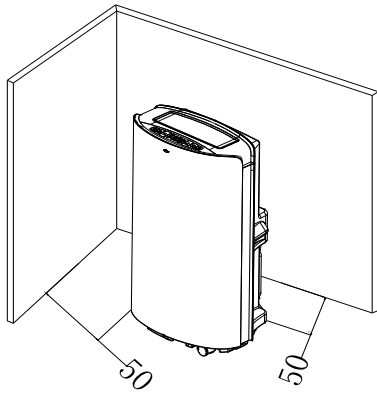
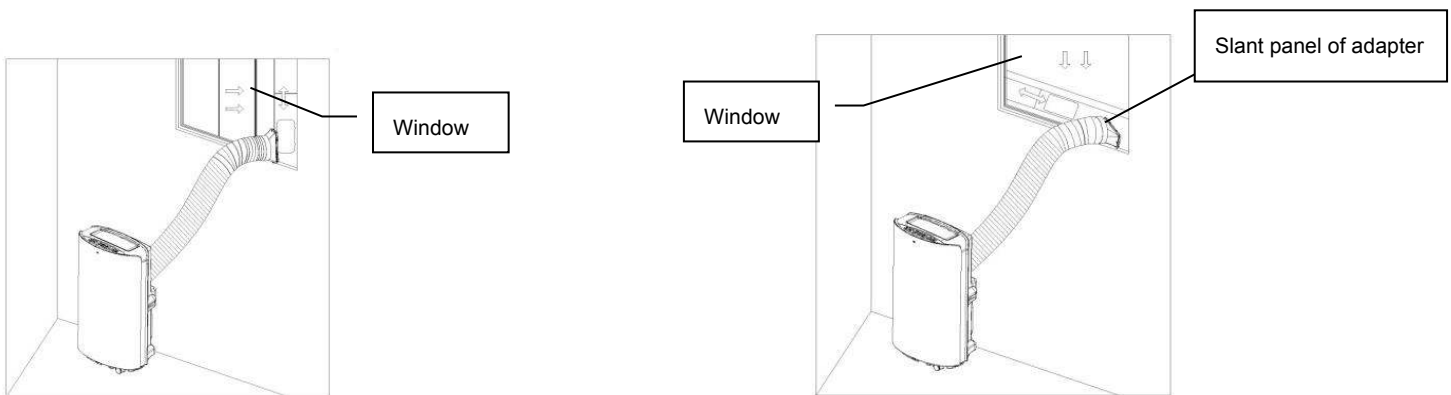


Figure 5

- 2) Install the rectangle end of exhaust hose assembly into the corresponding rectangle hole in window seal-plate assembly, fix it with screw and close the window (as Figure 6)



Note:

1. Slide the adapter downwards and assure adapter installed in good position.
2. Assure the slant panel direction to match seal-plate direction.
3. Exhaust hose cannot be bent or with flexure higher than 45°, in order to keep good ventilation of exhaust hose.

Important notes:

The exhaust hose is 280mm-1500mm long and this length is determined based on the specification of the air-conditioner (s). Do not use prolonged the hose or replace it with other different hoses as this may affect the functions of the air-conditioner. The exhaust hose must be smooth or it may lead air-conditioner overheat and damage.

Drainage Instruction

1. Manual drainage:

- 1) Once the unit shuts down upon water-full, turn off the unit and then unplug.
- 2) Put the tray below the water outlet at the back of the unit.
- 3) Screw off the drain cover, unplug the water stopper for water flow into the tray.
- 4) Plug in stopper and screw the drain cover tightly onto water outlet after drainage.

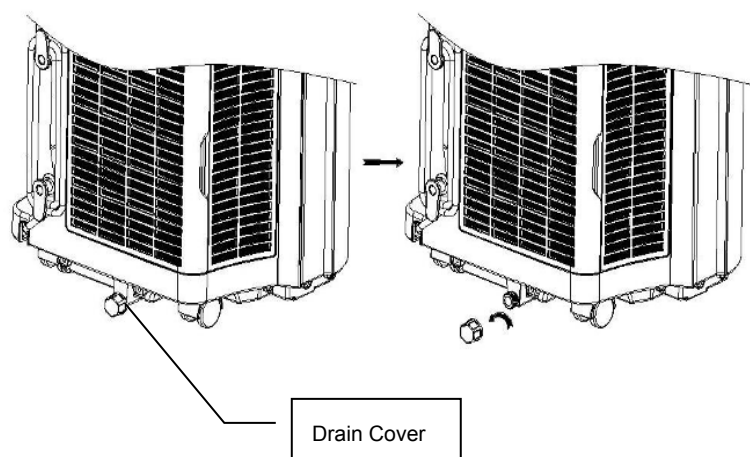
Note:

1. Protect the drain cover and water stopper properly.
2. Move the unit carefully to avoid the leakage it is necessary.
3. Tilt the unit slightly backwards when draining.
4. Block the drain hole as soon as possible before the tray is full if it cannot hold all water in the unit to prevent the water leakage and wet the floor or carpet.

5. Water stopper and drain cover must be tightly installed, to avoid new condensate to wet the floor or carpet when the unit re-starts working.
2. Continuous drainage:
 - 1). Screw off the drain-cover & unplug the water stopper.
 - 2). Connect drain-hole with $\phi 12\text{mm}$ drain hose, as deep as possible to avoid leakage.
 - 3). Pull the drain hose to bathroom or outdoor.

Note:

1. Drain hose must be installed when there's no water in the tray.
2. It is suggested that not to use continuous drainage when unit is in COOL mode, to ensure enough water recycle in the unit to enhance the system cooling effects.
3. It is suggested that to adopt continuous drainage when unit is in HEAT mode, to avoid frequent drainage.
4. Put the drain hose in an inaccessible place, not higher than drainage hole and keep drain hose straight without any flexure.
5. Keep the drain cover and its stopper properly when continuous drainage is adopted.



Multiple protection functions:

1. Under COOL mode, when the compressor continuously runs over 10 minutes, if tube temperature is $-2^{\circ}\text{C}/36$ for 20 seconds, the anti-frozen protection function will be on, E4 will be shown on LCD display, compressor and water wheel motor will stop working, but upper fan remains running; If tube temperature $\geq 8^{\circ}\text{C}/46$, the unit will stop anti-frozen protection and recover to the original working condition. Compressor will re-start working with 3 minutes delay for protection.
2. Water-full safety alarm and shut-off protection function:


When the water volume exceeds its alarm level in chassis, warning sounds automatically and water-full icon



is lighting in LCD display, you need to drain the condensate and re-start the unit.

(For more information about how to drain, refer to the "Drainage Instruction" please). If the unit is not shut down manually, the unit will recover to the original operating status automatically once the water is fully drained. Or connect the power to re-start the unit again.

2. Auto-Defrosting Protection

The system of this unit is with Auto Defrosting function, and  will light up until Auto Defrosting is finished

3. Auto overheat protection

This unit is with auto overheat function under heating mode. Compressor and lower fan will stop working if unit with higher temperature, and recovery if unit temperature down to normal to prolong unit working life.

4. Delay protection function of compressor

This unit offers restart protection to compressor. Except that the compressor may start immediately when the unit is energized first time, there is 3-minute delay re-start protection after compressor is shut down.

Maintenance and Service

Note:

Be sure to turn off the unit and pull out the plug before maintain or send to service center.

1. Surface cleaning

- A. Clean the unit surface with wet soft cloth and do not use chemical solvents such as alcohol and gasoline to avoid any damage to unit.
- B. Clean the dirty air outlet or louvers with wet soft cloth and detergent.
- C. Any chemical solvent is prohibited to use for unit cleaning or put such things near the unit for a long time.
- D. Any thinner, alcohol-glazer or other similar solvents is prohibited for unit cleaning.

2. Filter cleaning

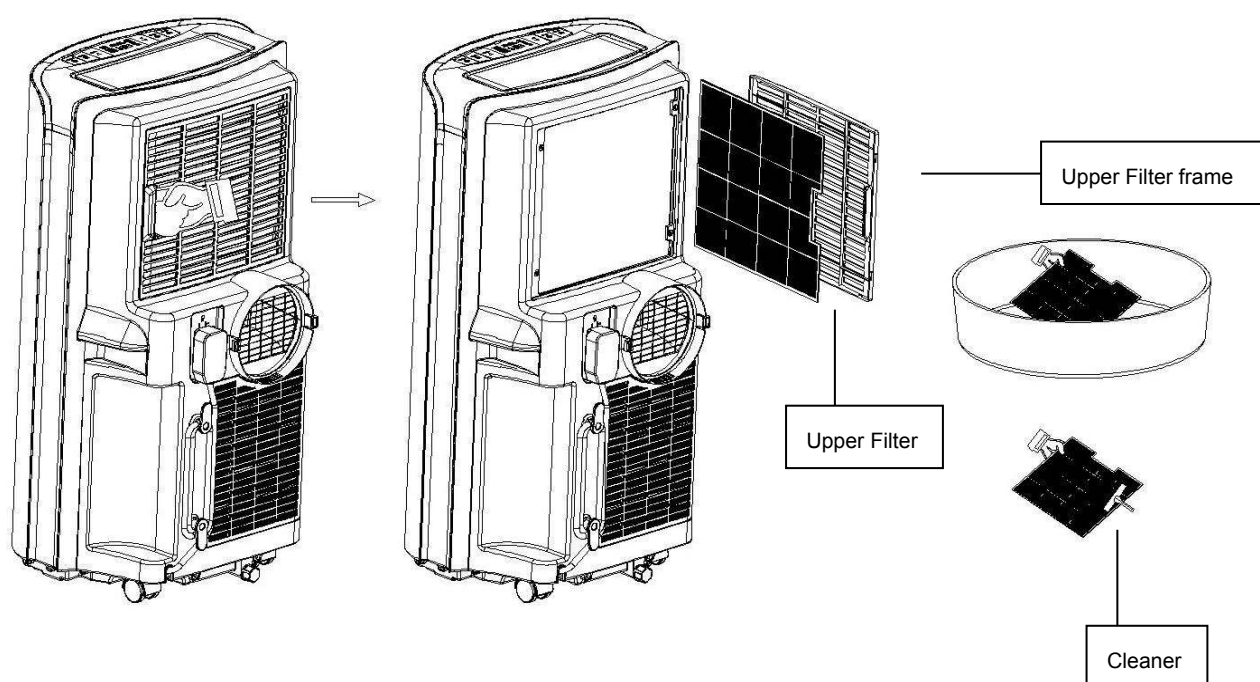
Clean the filter once every two weeks, or it would influence the unit function if filter clogged with dust.

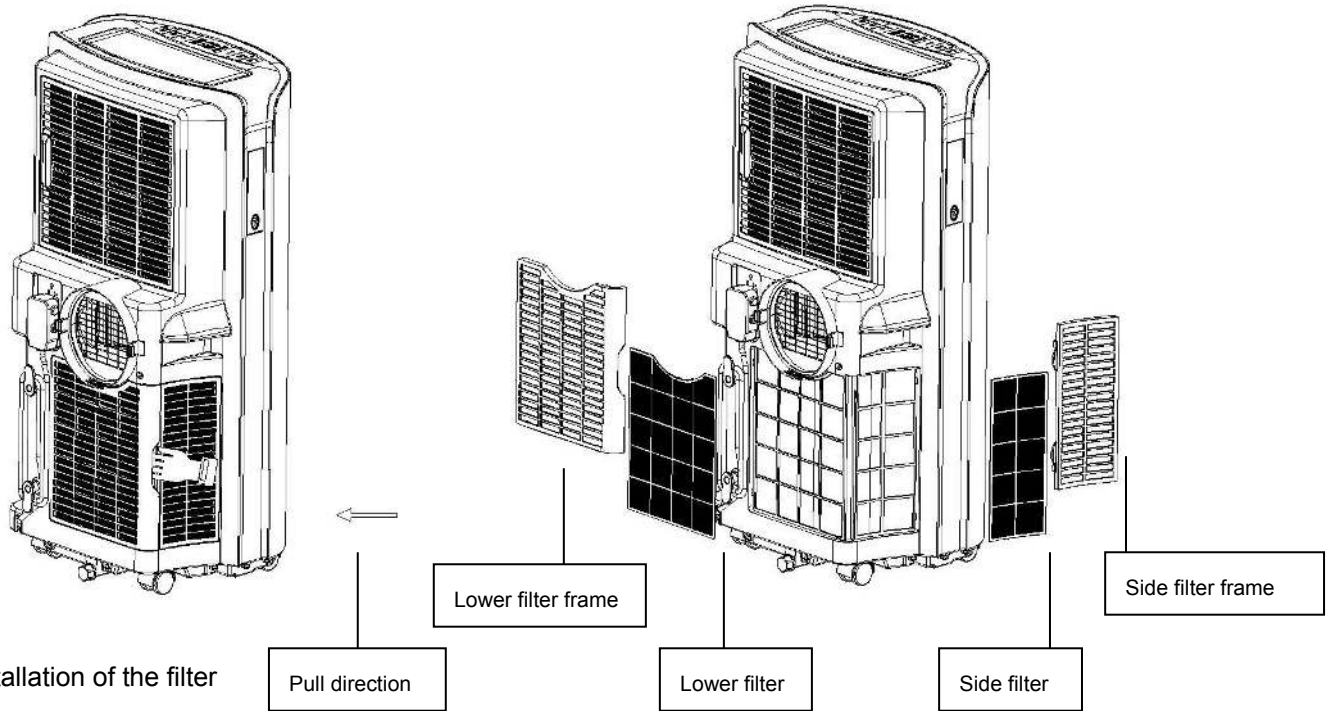
2.1 How to clean filter

- A. Grip the filter handle and pull it out gently in correct direction
- B. Clean the dirty particles in filter by cleaner if it is necessary.
- C. Immerse and wash the filter gently into warm water (about 40°C) mixed with neutral cleaner, and then rinse and dry them thoroughly in the shade.

Note:

1. Pull out the filter gently.
2. Removal of filter at back panel is at priority then for the filter at side panel, to avoid any twist or damage to filter.
3. Do not squash the mesh.
4. Do not hit the mesh with sharp objects or brush.





2.2 Installation of the filter

Aim the end of the filter toward slot then push filter gently into slot.

Note:

1. Be sure to install the filter to side panel then for the filter to back panel
2. Install the filter with opposite direction of removal.
3. Install the filter into place gently to avoid any damage to filter.

3. End of Season Storage:

1. Screw off the drain cover and pull out the stopper to drain condensate water completely. (Note: the tilt angle of the unit must be $\leq 30^\circ$)
2. Keep the unit running in fan mode for half day to dry inside of unit completely to prevent 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 stopper and drain cover.
4. Remove the heat exhaust hose assembly, clean and keep it properly.

Note:


- 1) Hold the exhaust hose assembly with both hands when removal.
- 2) Push the fasteners aside on exhaust air outlet using your thumbs, then pull out exhaust hose assembly.
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 protected together properly

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 icon lighting	Drain the water stored in the unit.
	Ambient temperature too low or low high	It is recommended to use this unit between 7-40°C
	The room temperature is lower than the set temperature in cooling mode or higher temperature in heating mode	Change the set temperature
Bad cooling or heating effects	There is direct sunlight	Close the window 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 mesh
	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
"CH01" code displays	Room temperature sensor failure	Check the room temperature sensor and related circuits
"CH02" code displays	Tube temperature sensor failure	Check the tube temperature sensor and related circuits
"E4" code displays	Anti-freeze protection	Restore the functions automatically once anti-freeze protection is over.
 Displays	Water tank in chassis is full	Drain the condensate and re-start the unit

Appendix

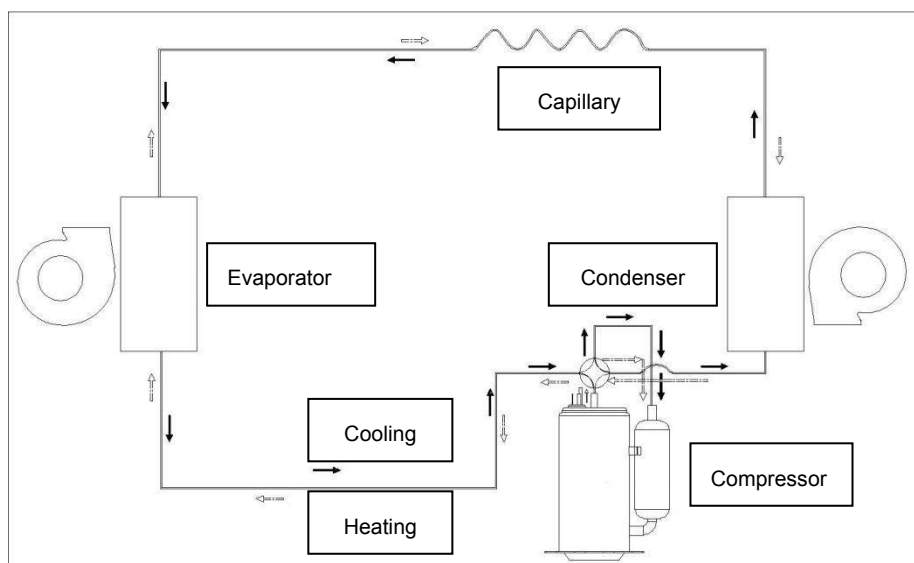
Fuse Parameter

Type: 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.