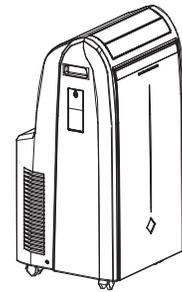


*Airwell*

## Owners' Manual

### PORTABLE SPLIT AIR CONDITIONER

ELECTRONIC REMOTE CONTROL /  
ELECTRO MECHANICAL CONTROL



AWPO-AELIAN012-C11

AWPO-AELIAN009-C11

**INSTALLATION AND OPERATING INSTRUCTIONS**

## SUMMARY

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## SUMMARY

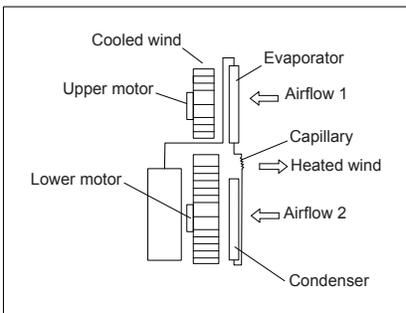
This MOBILE AIR CONDITIONER is a small, portable air conditioner. It has the functions of cooling, drying and separate ventilation, can be moved as necessary and at will. It is fit for home and office use, especially for a house with many rooms. With its compact configuration, excellent workmanship, elegant appearance, it looks like a stationary Mercedes Benz car. It is convenient to move, energy efficient, and has a low noise level.

Note: Please read this manual carefully before operating the unit, the manual is used for reference and the technical parameters are subject to change without notice.

## PRINCIPLE OF OPERATION

Using the upper motor, the indoor airflow passing through the evaporator becomes a cooled wind, but with the help of lower motor, the airflow of indoor passing through the condenser becomes a heated wind. There are two duct systems designed in its structure. The heated wind is discharged by the rear outlet, and the cooled wind is discharged by the front outlet.

The principle of operation



## SAFETY LABELS OF THE UNIT

Your safety and the safety of others are very important

We have provided many important safety notices in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol warns you of the potential hazards that can kill or hurt you or others.

All safety notices will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:



**DANGER**

You can be killed or seriously injured if you do not immediately follow instructions.



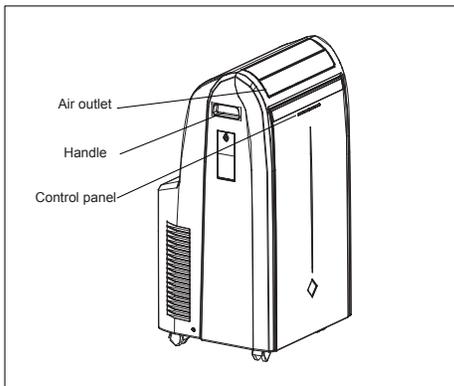
**WARNING**

You can be killed or seriously injured if you do not follow instructions.

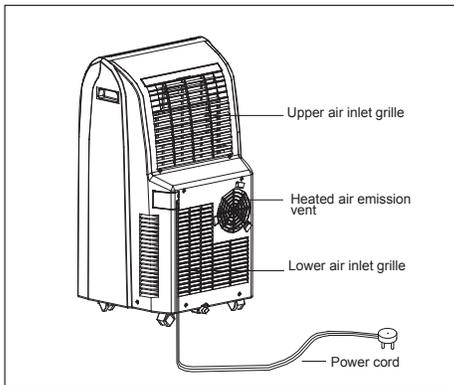
All safety notices will tell you what the potential hazard is, how to reduce the chance of injury, and what will happen if the instructions are not followed.

## STRUCTURE

Front



Rear



3 STRUCTURE

## OPERATING METHODS

### ※ USAGE NOTICE

The working range of COOL mode and DRY mode is 16°C (61 °F) - 30°C (86°F).  
The Max cooling operation temperature for the air conditioner is 35 °C (95°F) .

### Unpacking the Air Conditioner

#### ⚠ WARNING

Excessive Weight Hazard

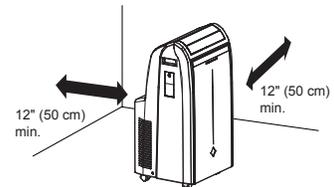
- Use two or more people to move and install the air conditioner.
- Failure to do so can result in back or other injury.

#### Remove packaging materials

- Remove and properly dispose of the packaging materials. Remove tape and glue residue from surfaces before turning on the air conditioner. Rub a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry the air conditioner.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your air conditioner.

#### Location requirements:

- The appliance shall be installed in accordance with national wiring regulations.
- The appliance is for indoor use only, but may not be installed in a laundry room.
- Place the air conditioner on a smooth, level floor that is strong enough to support the unit.
- Allow at least 12 inches (50 cm) of air space on all sides of the unit for good air ventilation.



- Place the unit in an area where the temperature will not fall below 18°C (65°F) . The coils will be covered with frost at temperatures below 18°C(65°F) and this may reduce performance.

NOTE: The portable air conditioner has casters for easy movement, but it should only be rolled on smooth, flat surfaces. Do not attempt to roll the portable air conditioner on a carpet or over objects.

OPERATING METHODS 4

## OPERATING METHODS

### ※ USAGE NOTICE

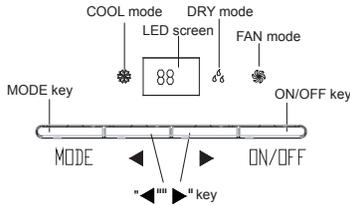
#### Electrical Requirements

#### WARNING

##### Electrical Shock Hazard

- Plug into a grounded 3-prong outlet.
  - Do not use an extension cord.
  - Do not remove ground prong.
  - Do not use an adapter.
  - Failure to follow these instructions can result in death, fire, or electric shock.
- Power supply must be suitable for the rated voltage and have a special circuit for AC, and diameter of the power cord should be large enough.
  - A time-delay fuse or time-delay circuit breaker is recommended.
  - All wiring must comply with local and national electrical codes and should be installed by a qualified electrician. If you have any questions, contact a qualified electrician.
  - The wiring operation must be performed by the professional personnel by following national regulations. There must be an electric leakage protection switch and magnetic and heat drop-off air switch with enough capacity in a fixed circuit. Do not connect earth wire to water pipe or gas pipe. When the air conditioner is not used, please pull out the power plug or cut off power supply.

#### Names and Functions Remote Controller



## OPERATING METHODS

### Control panel and the function

1. "ON/OFF" key  
Press once to start and press once again to stop the unit.
2. "MODE" key  
Press this button to change the operation mode in order of:  
COOL → DRY → FAN → COOL
3. "◀▶" key  
In "COOL" mode press "◀" once, the SET TEMP. will decrease. Press "▶" once, the SET TEMP. will increase by 1°C (1°F). The SET TEMP. can be selected from 16°C (61°F) to 30°C (86°F).

- COOL mode**
- 1) To select a location near the door and window, install the heat emission duct.
  - 2) Press "MODE" key to select "COOL" mode.
  - 3) Press "◀" or "▶" key to set the suitable temp 16°C (61°F)~30°C (86°F).

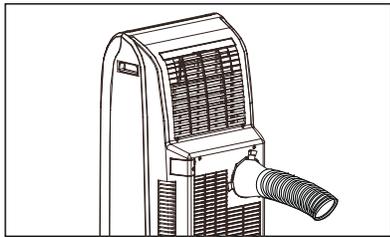
- CAUTION** When the unit is running in the COOL mode, in order to maintain a good cooling effect, please pay more attention to:
- 1) If there is direct sunlight near the window, please use the curtain to shield it.
  - 2) Do not use other heat sources in the air conditioned room.

- DRY mode** Please close the door and window, in order to obtain a better dehumidifying effect: Press the "MODE" key, select "DRY" mode, the unit will run in "DRY" mode. At this time, the upper motor runs at the low speed and its speed is not adjustable.

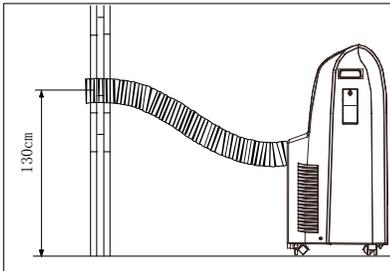
## ACCESSORIES AND INSTALLATION OF HEAT EMISSION DUCT



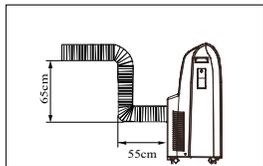
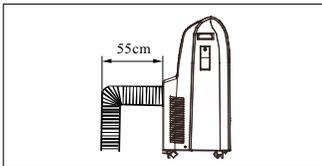
- Length range of heat emission duct should be 50~150 cm. It is recommended to use it with shortest length.
- When installed, the emission duct should be as flat as possible. Do not extend the pipe or connect it with other exhaust pipe, which would cause abnormal operation.



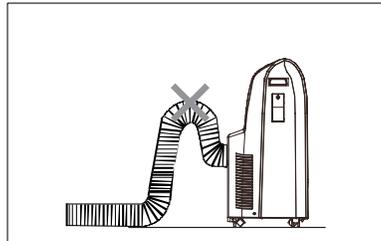
Correct installation is as shown in figure (When installing it on a wall, height of wall should be about 40 -130cm from floor).



If duct is to be bent, please install it by considering following the dimensions.



## ACCESSORIES AND INSTALLATION OF HEAT EMISSION DUCT



Wrong installation is shown in the following figure (If the pipe is bent too much, it could easily cause a malfunction.)

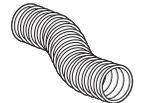
### PARTS INCLUDED



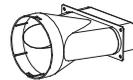
Front plastic pipe end



Rear plastic pipe end



Flexible Emission Duct



Window Emission Adapter

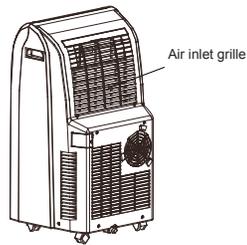
## CARE AND MAINTENANCE

**Portable unit** There are casters at the bottom of the unit. It can be moved around room very conveniently, as necessary.

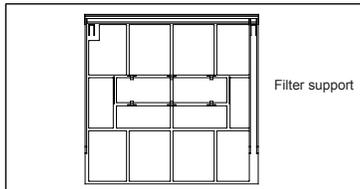


### WARNING

Before maintenance, please pull out the power plug and cut off power supply to avoid electric shock.



**Clean the air filter** Performance of the unit will decrease if there is too much dust collected, so clean it at least once every two weeks.



Filter support



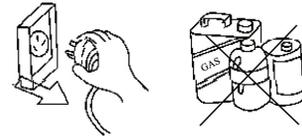
### Disassembly, cleaning

- Pull out filter support and take out filter.
- Wash the filter alone, spray it clean (e.g. by shower attachment) and shake it, or immerse it into the mild soapy water, then dry it in the shade.

## CARE AND MAINTENANCE

### Cleaning the air conditioner

Please use a cloth that is slightly moistened with water whose temperature is below 40°C (104°F) (or soapy water or water with cleanser) after wiping off dirt. Do not use gasoline, diesel oil or similarsubstance to clean the unit. Before cleaning, please pull out the power plug.



## TROUBLESHOOTING

If a malfunction occurs, please check the following before maintenance:

Troubles	Possible Causes	Solutions
The air conditioner does not start.	The power supply is not connected well. The power plug is not inserted tightly. Power plug or socket is malfunctioning. The fuse is broken.	1. Insert the power plug tightly. 2. Have an electrician replace the power plug or socket. 3. Have an electrician replace the fuse.
	Is TIMER ON in operation?	Cancel the "SET TIMER" operation or to wait until auto running.
Although it was set to COOL mode, there is no cool wind.	1. The room temp. is lower than the set temp. 2. The evaporator has frosted over.	1. This is a normal phenomenon. 2. Unit is running in defrosting mode, it will resume running in original mode after defrosting.
Although it was set to DRY mode, there is no cool wind.	1. The evaporator is frosted over.	1. Unit is running in defrosting mode, it will resume running in original mode after defrosting.
The LED displays "E5".	1. Low voltage over current protection.	Cut off power supply, after 10 minutes, turn on the unit, if "E5" still appears, please call the maintenance man.
The LED displays "HB".	The water tank is full.	1. Drain out water through drainage hose. 2. If the malfunction persists, please call the maintenance man.

## USER NOTICES

### Location

- Do not install the unit in a sealed place, and keep well ventilated, to avoid malfunctions.
- Do not install the unit where it will be exposed to direct sunlight, in order to avoid loss of efficiency.
- Do not install the unit in a damp place, which may cause electrical leakage.
- Please do not install the unit in the following places:  
Places with gas, fire, oil or where a malfunction may occur.

### Wrong places

Please pay attention the following people:

- 1) Young children, medically compromised people.
  - 2) People who have difficulty in expressing themselves.
  - 3) People who are very tired, drunk or who have taken sleep medication.
- Do not step on or put anything on the top of the unit; it will slow and a malfunction may occur.
  - Do not expose the body to a cold wind for a long time; this can cause health problems.
  - The unit should be placed about 1 m or more away from a TV, or it will be affected by its electromagnetic radiation.
  - The air inlet/outlet must not be obstructed, for this will cause a malfunction.
  - Do not insert your hands or a stick into the air inlet or outlet. Pay more attention especially to young children, otherwise an accident may occur.
  - If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
  - The appliance must be positioned so that the plug is accessible.
  - Static air pressure in pipeline range must be 0 Pa to 25 Pa.
  - Rated parameter for FUSE: 250V AC, 3.15A
  - The appliance conforms to GPC09AE-K3NNA7A GWP:R410A(R32/125.50/50):1900.
  - When water level switch works for water filling, water volume inside the tank is 1.2L.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are under supervision or instruction concerning the use of the appliance by a person responsible for their safety.

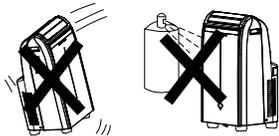
Children should be supervised to ensure that they do not play with the appliance.

GPC09AE-K3NNA7A can be connected only to a supply with system impedance of no more than 0.328 ohms. If case necessary, please consult your electricity supply authority for system impedance information.

## USER NOTICES

### Wrong places

- Do not tilt or overturn. If an abnormal phenomenon occurs, please pull out the power plug at once, and ask the dealer to check and maintain.
  - Do not use an insecticide or other sprays, which may cause deformation or cracks.
  - Check the User Manual for the sentences below and the marking label for the "waste bin".
  - Meaning of crossed-out wheeled dustbin: do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
  - Contact your local government for information regarding available disposal systems.
  - If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
  - When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal free of charge.
  - Disposal of this appliance in domestic household waste is prohibited. There are several options for disposal:
    - a) The municipality has established collection systems, where electronic waste can be disposed of free of charge to the user.
    - b) When buying a new product, the retailer will take back the old product free of charge.
    - c) The manufacturer will take back the old appliance for disposal at no cost to the user.
    - d) As old products contain valuable resources, they can be sold to scrap metal dealers.
- Unregulated disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



 **DISPOSAL:** Do not dispose of this product as unsorted municipal waste. Separate collection of such waste for special treatment is necessary.

## AFTER SALE SERVICE

- If any quality problems or any other problems arise, please contact the local dealer.

## Installation and Maintenance of Health Filter

### Installation Instruction

1. Press and pull outwards handles of air inlet grille

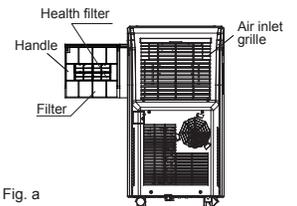


Fig. a

2. Place the health filter evenly on the air inlet grille as shown in Fig. b.

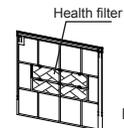


Fig. b

3. Reinsert the mounted air inlet grille with filter into unit.

### ■ Cleaning instructions

Take out the health filter before cleaning and reinstall it after cleaning according to the installation instructions. Note that active charcoal cannot be cleaned with water. Let filter dry in the shade or sun after cleaning, but do not dry by wiping. The health filter commonly has a usage lifetime of one year under normal conditions.