

MOBILE AIR CONDITIONER OWNER'S MANUAL



■ MODEL

KMSC09E1090SES

Foreword

Mobile Air conditioners are pieces of high value. In order to ensure your lawful rights and interests, please have the professional technicians to do the installation for you. This Instruction Manual is the universal-purpose version for the models of mobile air conditioners manufactured by our Co. The appearance of the units that you purchase might be slightly different from the ones described in the Manual, but it does not affect your proper operations and usage.

Please read carefully the sections corresponding to the specific model you choose, and keep the Manual properly so as to facilitate your reference at later time.

Attention:

- (1) The appliance is not intended for use by young children or infirm persons without supervision.
- (2) Young children should be supervised to ensure that they do not play with the appliance.
- (3) The plug shall be accessible after install the appliance.
- (4) The appliance shall be installed in accordance with national wiring regulation.
- (5) The appliance can't be install in laundry.
- (6) If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similiary qualified person in order to avoid a hazard.
- (7) Please wait three minutes before restarting when the power is broken.
- (8) To be in compliance with the requirement of EN 61000-3-11:2000, the EUT shall be connected only to a supply of the system impedance: $Z_{sys} = 0.468$ or less.
- (9) The minimum clearance from the appliance to combustibile surface: 1m



WARNING

This symbols refers to a hazard or unsafe practice which can result in severe personal injury or death.



CAUTION

This symbols refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

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INTRODUCTION

MOBILE AIR CONDITIONER

This Mobile Air Conditioner is a small size appliance, which can adjust the temperature and humidity in a room. Its flexibility characteristics make it easily used on different occasions in different rooms. It also has multiple functions, including cooling, dehumidifying and fanning ventilation. This unit was designed especially to be used in a family house, office, etc. It has a compact design compared to others with the same cooling capacity. Power consumption is low and the noise especially low.

Other air conditioning patterns are recommended when the indoor temperature is either below 17°C(63°F) or above 35°C(95°F) .

ATTENTION

Before you use your MOBILE AIR CONDITIONER, please read this instruction manual carefully so that you get the best from the unit.

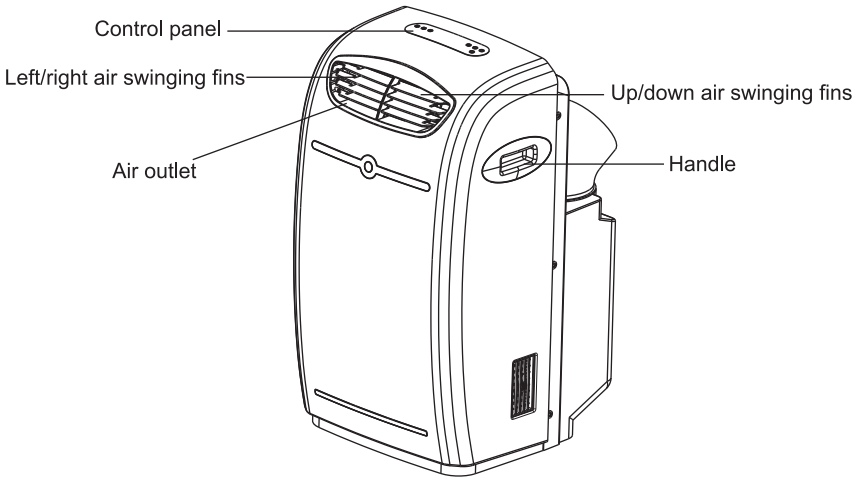
This instruction manual is used for guidance and does not form part of a contract. We reserve the right to make technical changes without prior notice.



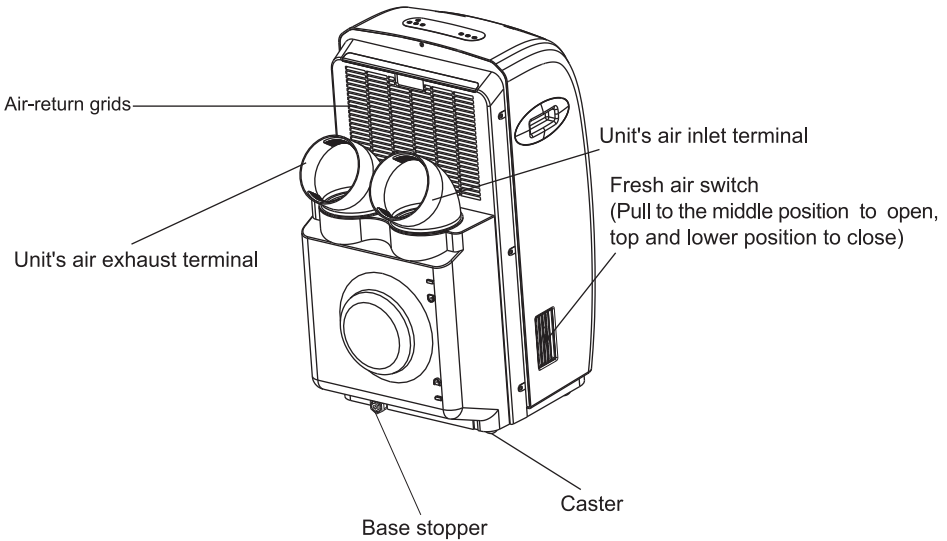
There might be some water saved on bottom base, please push the air conditioner gently and cautiously, preventing water splashing out.

THE NAME OF EACH PART AND ITS FUNCTION

FRONT



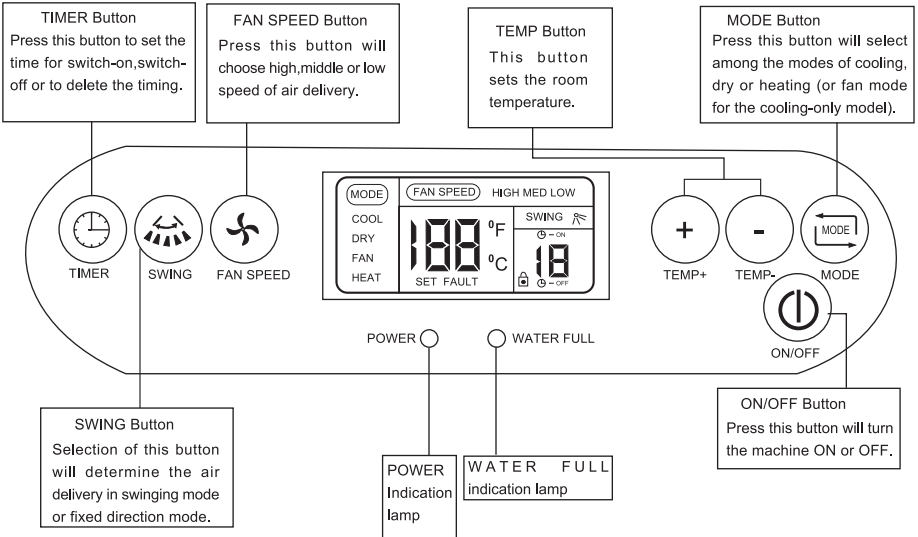
BACK



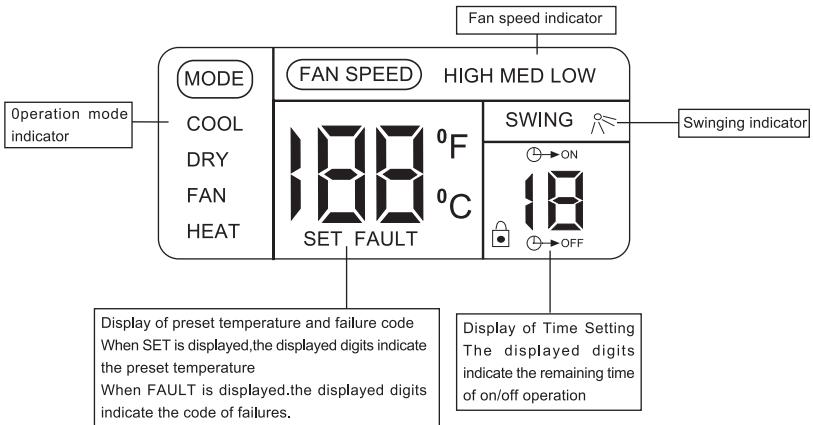
Note: There are many models, features and appearance will vary, all the figures provide a demonstration to introduce the function.

THE NAME OF EACH PART AND ITS FUNCTION

CONTROL PANEL



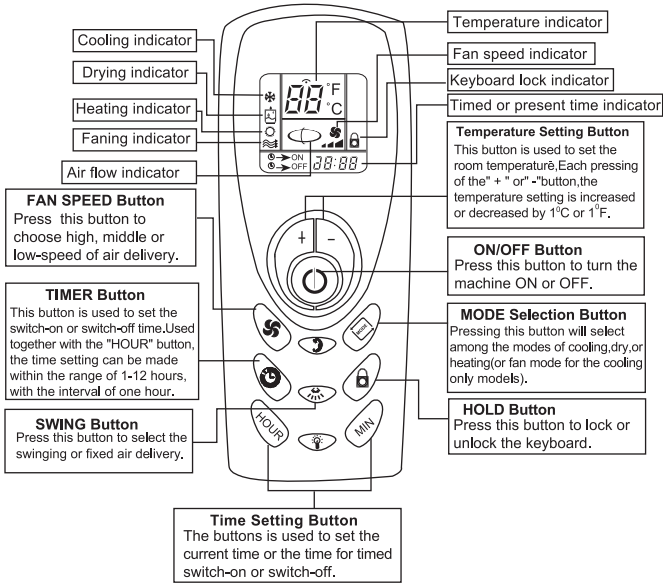
DISPLAY SCREEN



Note: Above figure shows all indications for the purpose of explanation but practically only the pertinent parts are indicated.

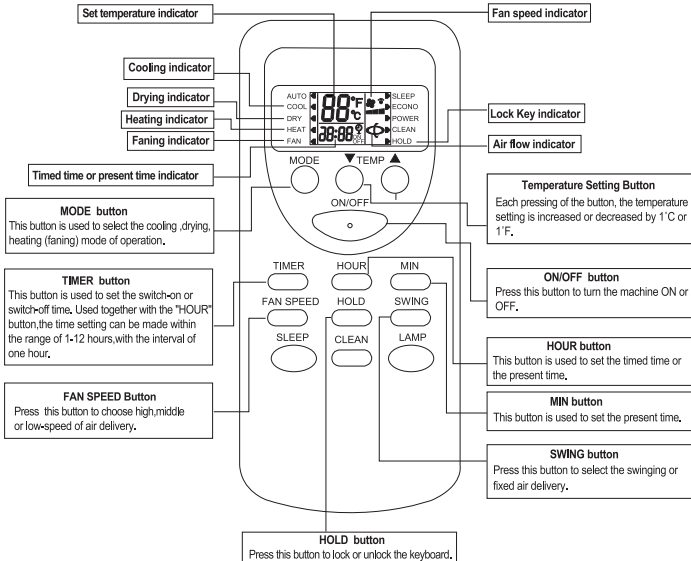
OPERATION AND INDICATION SECTIONS OF REMOTE CONTROLLER

Remote controller 1



Remote controller 2

The following remote controller is the general one of our company,it can be used for many types of our air-conditioners. We beg your forgiveness that we would not introduce the button or indicator which is not applicable for the units you purchased.



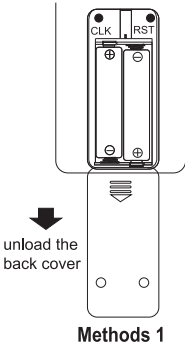
NOTE:

- Above figure shows all indications for the purpose or explanation, but practically only the pertinent.

PRESENT TIME SETTING PROCEDURE

METHODS 1(suitable for remote controller 1)

When cells are inserted, the present is automatically set to AM 12:00 EX:Set to AM 10:30



- | | |
|----------|---|
| 1 | Press the CLK button.
Unload the back cover push the clock button with the tip of a ball pen, etc. The time indicator is flickering and can set the present time. |
| 2 | Press the HOUR button. (Set to AM 10:) |
| 3 | Press the MIN button. (Set to 30) |
| 4 | Press the CLK button again, then reattach the back cover. |

If when the remote controller is at abnormal state, you can press the RST button to clear off the display

METHODS 2(suitable for remote controller 2)

When cells are inserted, under the timer operation has not been set

- | | |
|----------|--|
| 1 | Continually press the HOUR button about 2 seconds.
The time indicator is flickering and can set the HOUR time. |
| 2 | Press the HOUR button. (Set to AM 10:) |
| 3 | Continually press the MIN button about 2 seconds.
The time indicator is flickering and can set the MIN time. |
| 4 | Press the MIN button. (Set to 30) |
| 5 | Press the ON/OFF button to confirm the set time or it would automatically exit the time setting state after 15 seconds. |

If when the remote controller is at abnormal state, you can take out the batteries on the back cover to clear off the display

NOTE :The timer is set on the basis of the present time. So set the present time correctly.

USE OF CONTROL PANEL

DEHUMIDIFYING AND COOLING OPERATION


The operating ranges for cooling operation is 17⁰C-31⁰C(or 63⁰F-88⁰F) and the operating range for dehumidifying is 20⁰C-31⁰C (or 68⁰F-88⁰F).

POWER SOURCE



- The AC socket must be firm and reliable.
- Don't connect the mobile air conditioner to a multiple socket outlet which is also being used for other electrical appliances.
- Insert the AC power plug securely into the AC socket before using the unit,when it beeps after two seconds, press ON/OFF button,the unit begins to run.

COOLING OPERATION

- 1.Repeatedly press MODE button to choose the cooling mode, LCD window will show "cool". During the cooling operation,always place the air inlet and exhaust hose through an open window.
2. Repeatedly press TEMP+or TEMP- button to set a proper room TEMP.at 17⁰C-31⁰C(or 63⁰F-88⁰F).
3. Press FAN SPEED button to choose a proper fan speed:high,middle,low speed.
4. Press SWING button to adjust the air delivery direction, The LCD window will show "  ".

Note:


In order to improve the cooling efficiency,be careful that:

- a) If your room is directly exposed to the sun,draw the curtains please.
- b) Do not place near other heat source.

DEHUMIDIFYING OPERATION

1. Keep the windows and the doors closed to aid in effectively dehumidifying the room.
 2. Repeatedly press MODE button to choose the dehumidifying mode, LCD window will show "DRY", the fan speed cannot be adjusted.
- When used as dehumidifier only, though the air inlet hose has not be intalled,you can also operate the unit.

HEATING OPERATION

1. Repeatedly press the MODE button,select the heat mode, The LCD window shows "HEAT".
2. Press TEMP+or TEMP- button to set a proper room temperation at 17⁰C-31⁰C(or 63⁰F-88⁰F).
3. Press FAN SPEED button to choose the fan speed:high-middle-low.
4. Press SWING button to adjust the air delivery direction, The LCD window will show "  ".

USE OF CONTROL PANEL

TIME SET FUNCTION

To set time to start the machine with the unit off (but power supplied), press TIMER button, the LCD window will show "☉—ON", continually press the TIMER button, set the time to start as you like. The setting range is 1-12 hours.

To set time to stop the machine with the unit running, press TIMER button, the LCD window will show "☉—OFF", continually press the TIMER button, set the time to stop the machine as you like. The setting range is 1-12 hours

Note: If have set switch on/off after 12 hours, press this key again then could cancel the timing.

Attention:

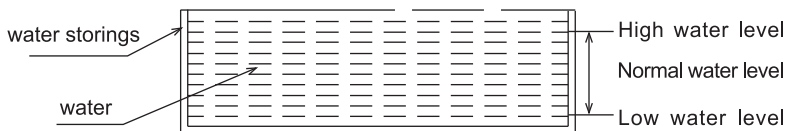
Press TEMP+ and TEMP- buttons together for more than two seconds will lock the keys, LCD window will show "🔒", press the two buttons again unlock the keys, the symbol "🔒" will disappear.

WATER DRAINAGE METHODS

ATTENTION: One of the following drainage methods is suitable for your unit, please check to refer the identical one, and drain the water to proper position.

Methods 1: Recycle pump function of water drainage

1. Under random mode, if the water level in the water storings is on LOW water level, the water pump and recycle pump will not work, the machine operates under former working mode.
2. If the water level in the water storings is on NORMAL water level, the recycle pump will work, water pump does not work, and the machine operates under former working mode.
3. If the water level in the water storings is on HIGH water level, the water pump will work for 10 minutes, after that, if the water level is on LOW/NORMAL level, the machine would continue to operate under former working mode, if the water level is also on the HIGH level, the water pump would stop working, and the machine will turn off, the WATER FULL lamp of control panel illuminates, LCD window indicates failure code E5.



Note: Above figure just shows the sketch to explain the recycle pump function of water drainage.

Methods 2: Water drainage manually

When the water level in the water storings is on HIGH water level, the machine would stop working, and the WATER FULL lamp of control panel illuminates, LCD window indicates failure code E5, at this time, you would press the SWING and TIMER two buttons together for more than 2 seconds, the water would be drained out by the drainage hose on the back of the unit. When the water is dropped to LOW water level, the unit will stop draining water, press ON/OFF button to continue former working mode.

MAINTENANCE/SERVICE



WARNING

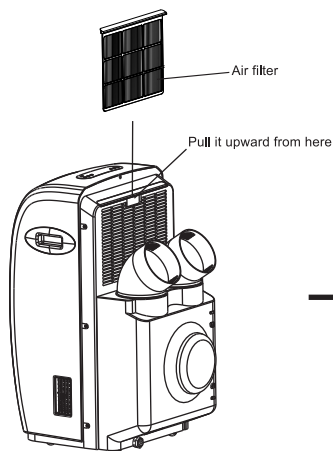
- Pull the plug out of the socket before cleaning.
- Make sure there is no power to the unit before beginning to maintain or repair, prevent accident caused by elec. shock.

CLEANING OF AIR FILTER

If the air filter is blocked with a lot of dust, the air flow volume will reduce. Clean the filter once every two weeks.

Open and clean the air filter

1. Directly pull out the air filter as below figure.
2. Wash the air filter by immersing it gently into warm (about 40°C or 104°F) water with a neutral detergent.
3. Rinse the filter of detergent and dry it thoroughly in a shaded place.
4. Install the air filter back to its original place.



CLEANING OF AIR CONDITIONER

Clean the surface of the unit with a damp cloth, then dry using a duster or similar.



CAUTION

Do not use chemical solvent (like benzene, alcohol glazer) to clean the surface of the unit. If you do so, the surface will be scratched, damaged, even the whole casing could become deformed.

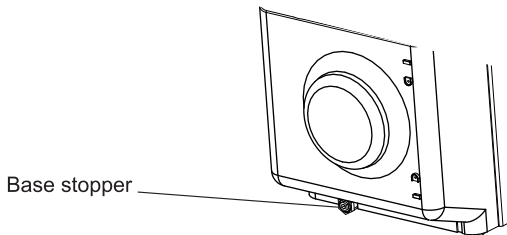
PRIOR TO OPERATION SEASONS

1. Check to see if the air inlets and outlets of the unit are blocked.
2. Make sure that air filter is properly in place before operating the machine. If the machine is operated with air filter removed, dust and foreign objects will result in faulty performance of the air conditioner.

MAINTENANCE/SERVICE

AFTER THE OPERATIONAL SEASONS

1. Turn off the air conditioner, disconnect the power source.
2. Make proper maintenance to the air filter and other parts.
3. Open the base stopper to drain out the dew water of the base, then operate the unit in fan mode for half a day until the base is dry.
4. Please use a plastic sheet to cover the unit to prevent dust or filth from entering the unit.



SAFETY CAUTIONS

OCCASION



- Do not use the unit in a very narrow room with obstacle so as to avoid breakdown.
- Do not use the unit where the sunlight is shining directly onto it so as to avoid surface colour changing.
- Do not use the unit in water or near water, avoiding leakage of electricity.
- Do not use near gas appliances, fires or in the vicinity of flammable liquids.

POWER SOURCES



- Do not use a damaged or improper AC socket.
- When unplugging the unit, hold the power plug securely and pull it out carefully.
- Do not use extension cord.

OTHERS

- Keep the unit one meter away from TV sets or radios to avoid the risk of electromagnetic interference.
- Do not use with the air outlet close to walls or cover the outlet to avoid overheating.

SERIOUS CAUTION



- Do not toggle over or incline. If the unit does toggle please unplug at once and seek advice from your reseller.
- Do not spray with insecticide or other chemicals as the plastic case may be deformed.

TROUBLESHOOTING

Before seeking repair or service, please firstly check the following.

Trouble	Check	Action
Air conditioner does not operate at all	<ul style="list-style-type: none"> ● Is there power? ● Is it plugged in? ● Did the fuse or circuit breaker switch off? ● If SET TIME suitable? 	<ul style="list-style-type: none"> ● It is normal ● Push the plug into the wall socket ● Change the fuse or switch on ● Change SET TIME
Cooling efficiency is not good	<ul style="list-style-type: none"> ● Is air inlet or outlet locking? ● Is there any other heat source in room? ● Are air filters very dirty? ● Is SET TEMP. suitable? ● Is indoor fan speed set at low? 	<ul style="list-style-type: none"> ● Clear the locking ● Move the heat source ● Clean the air filter ● Set temperature suitable ● Set suitable fan speed
Too noise and vibration	<ul style="list-style-type: none"> ● It is the inner liquid (refrigerant-geration) flowing inside. ● Is unit leveled? 	<ul style="list-style-type: none"> ● It is normal ● Place it in a horizontal floor
The machine starts and stops frequently	<ul style="list-style-type: none"> ● Is the voltage of the power source normal? ● Is the air exhaust fixed rightly or be bended? ● Are you add air exhaust yourself? 	<ul style="list-style-type: none"> ● Keep the power source in rated ● Try to keep the air exhaust horizontal not permit enlarge ● Don't add air exhaust yourself and remove it



WARNING

In case of major malfunction pull plug out immediately and call for service.

- The fuse and switch often break.
- The power cord superheat or the sleeve of the cord broken.
- Something abnormal.

Self diagnosis function

Our company provides the end-users with thoughtful services by installing various diagnostic systems to indicate the following irregular performances.

Failure code	Diagonosis of malfunction
E2	Room temperature sensor failure
E3	Coils sensor failure
E4	Units abnormality protection
E5	Water level over the limits