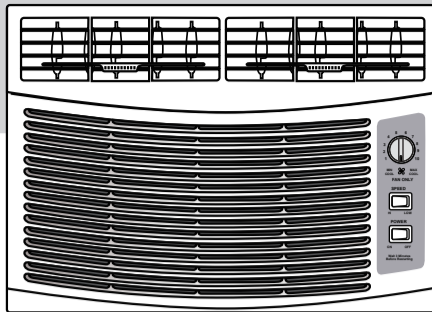


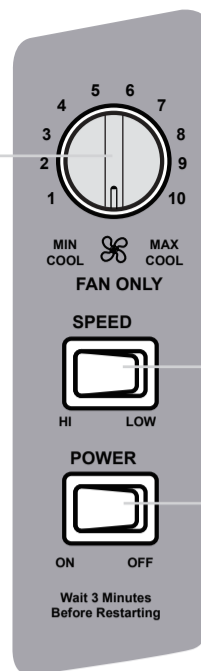
Please read this operation manual before using the air conditioner  
Please keep it attentively  
0010563803

### CONTENTS

- Safety precautions.....1
- Air conditioner operation.....2
- Care and Maintenance .....4
- Air conditioner installation.....5
- Troubleshooting.....7



### Operation panel



### CAUTION

- In cooling mode, after you turn thermostat switch counter-clockwise, do not turn it back until at least 3 minutes have elapsed. Otherwise, the fuse may blow due to overload.
- Do not exceed the selection range.

## 1 SAFETY PRECAUTION

### CAUTION

- **Do not install, remove and reinstall the unit yourself.** Improper installation may cause leakage, electric shock or fire. Please engage an authorized dealer or specialist for the installation work.
- The room air conditioner must be earthed.
- Do not touch or operate with wet hands.
- Do not turn on the unit by inserting the power plug. Do not switch off the unit by pulling out the power plug.
- **Do not insert sticks, fingers or other objects into the unit.**
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person.
- After installation, the power plug should be easily reached.
- **The wiring method should be in line with the local wiring standard.**
- **This air conditioner contains R410a refrigerant and requires certified technicians to use the proper equipment, tools and safety standards that are approved for this refrigerant. Use only equipment certified for R410a refrigerant. In addition, under federal law, all refrigerant must be properly removed from the air conditioner prior to its disposal.**

## OPERATION CONDITIONS

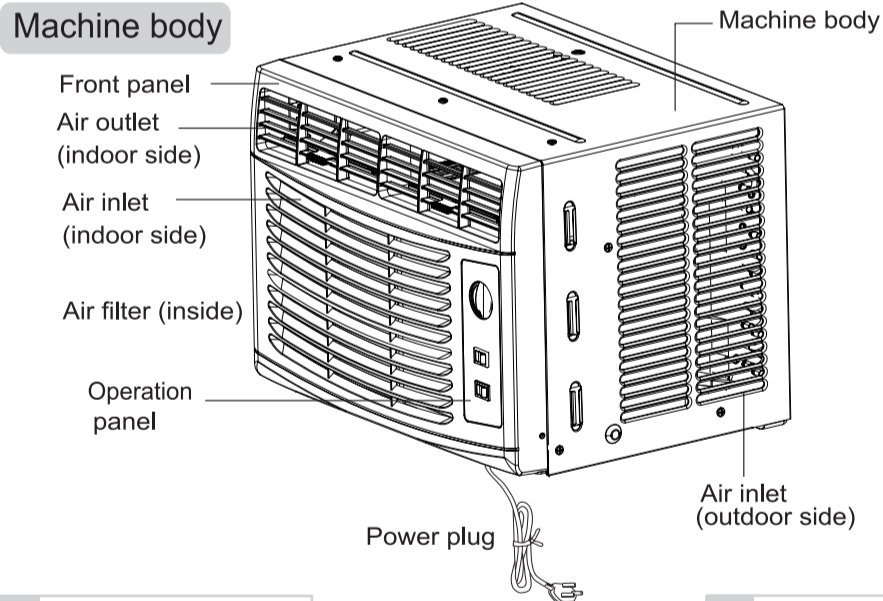
Applicable ambient temperature range:

Cooling	T4			
	Indoor		Outdoor	
	D.B	W.B	D.B	W.B
Max. Temperture:	32°C	23°C	43°C	28°C
Min. Temperture:	18°C	14°C	18°C	/

D.B :Dry Bulb Temperature W.B :Wet Bulb Temperature

## 2 AIR CONDITIONER OPERATION

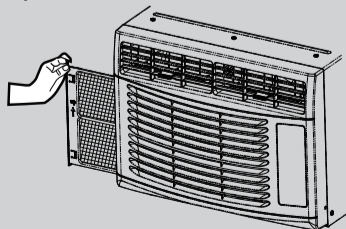
### PART IDENTIFICATION



### 1 Air filter cleaning

When dirt accumulates on air filter, air circulation will be blocked, which causes poor cooling. It is advisable to clean air filter every two weeks for longer operation.

1. Turn off the air conditioner.
2. Grasp the filter handle and pull the filter out. The filter will slide out easily.

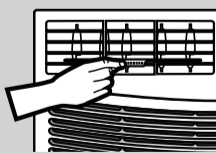


3. Gently flap the dirt off the air filter.
4. Carefully wash air filter in warm water (below 40°C). To obtain better cleaning effect, soap water or neutral detergent may be used.
5. Flush air filter carefully with clean water after removing dirt. Let it dry completely.

### CAUTION

Before cleaning, turn off the power

### 2 Airflow Direction



The air directional louvers let you control the direction of the airflow. The airflow can be directed left to right.

### Operation panel

Temp. setting

### 1 Thermostat switch

This switch controls the preset indoor temperature to make the air conditioner start or stop automatically, so as to reduce power consumption and operate the system both comfortably and economically.

The compressor stops running when the set temperature is reached but the fan continues to operate to keep an even indoor temperature.

Note:

- Do not try to operate your air conditioner in the Cool mode when outside temperature is below 18°C. The inside evaporator coil will freeze up, and the air conditioner will not operate properly.

### 2 Mode selection switch

#### POWER

The Power switch turns the air conditioner on or off.

#### NORMAL FAN

Press the SPEED switch to either HI or LOW  
Set the thermostat control to the FAN ONLY setting

#### NORMAL COOL

Press the SPEED switch to either HI or LOW  
Set the thermostat control to the desired temperature setting. If the room is not satisfactory after a reasonable amount of time, adjust the thermostat control to the appropriate setting to meet your needs.

#### MAX COOL

Press the SPEED switch to HI.  
Set the thermostat control to MAX COOL mark.

#### QUIETER OPERATION

Press the SPEED switch to LOW  
Set the thermostat control as needed.



## 3 CARE AND MAINTENANCE



Always turn off the air conditioner and the main power supply before clean the unit. Switch off the power supply if the unit is not going to be used for a long period of time.

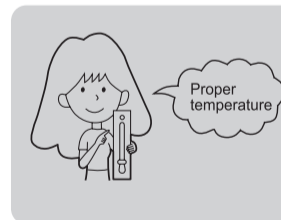
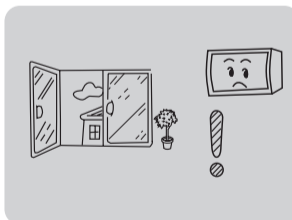
### 1 Air filter cleaning

It is advisable to clean air filter every two weeks for longer operation.  
(You will find how to clean the filter on page 2.)



### 2 Notes

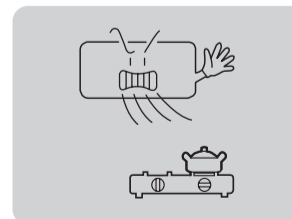
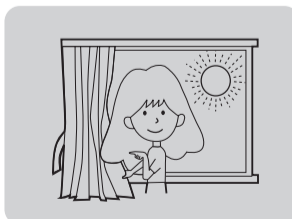
- Avoid opening doors and windows unless necessary.
- Don't be exposed to cold air for a long time.
- Set temp. a little bit higher before going to bed.



- Use curtain or blind  
Direct sunlight may reduce cooling effect, always use window curtain.

- Keep heat source away from air conditioner.

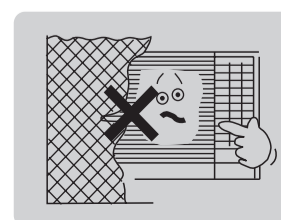
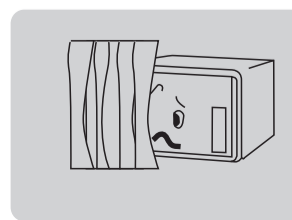
- After unit stops, don't restart it until 3 min. have elapsed.



- Don't hang clothes in the vicinity of air inlet. This will decrease cooling effect and cause abnormal operation.

- Temperature should be set properly when there are infant, child, the aged or disabled in the room.

- Before operating mode selection switch, check that if the air inlet or outlet have been blocked.



## 4 AIR CONDITIONER INSTALLATION (ONLY FOR REFERENCE)

### SELECTION OF THE INSTALLATION POSITION

1. The air-conditioner is better installed in shadow or in a place with short period of sunshine. In case the air-conditioner is installed at the point exposed directly to the sunshine, it should be protected from the direct sunlight as possible in order to avoid the long time of direct sunlight otherwise its performance will be lowered. (As illustrated in Fig. 1).

2. For the convenience of operation, it is recommended that air-conditioner be installed at least at the height of 760-1300 mm above the floor and no obstacles before it for a free airflow.

3. The shutters at both sides and the top of air-conditioner should be protruded outdoors free from being blocked by wall, window, etc.

4. The back of air-conditioner should be kept over 500mm from the obstacles (for example, wall, etc.) (As illustrated in Fig. 2).

5. To have an efficient drainage, the back part of the air-conditioner should be inclined downward by 5-10mm (As illustrated in Fig. 3).

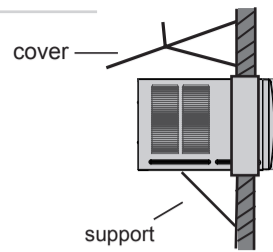


fig.1

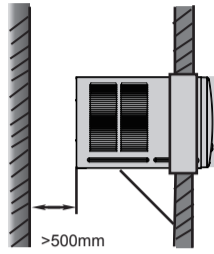


fig.2

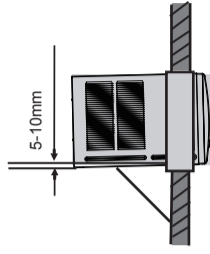


fig.3

#### NOTES:

For longer and trouble-free operation of the unit, pay special attention to the following:

- Install air-con at a place strong enough to support the unit.
- Leave enough space around air inlet and outlet for better circulation.
- Avoid places where flammable gas leaks.
- Problems may occur if unit is installed in the following places:  
Place where oil exists in the air including engine oil or seaside with salt breeze blows and hot spring area with sulphurous gas in the air.



### THE ENCLOSED ACCESSORIES OF THE CONDITIONER

Name	Manual
Figure	

## 5 TROUBLESHOOTING



Before calling for service.

Check the following points before calling for repairs or service.

Phenomenon	Cause or check points	Solution
Switch on the machine but it does not work immediately.	If the machine is started after stop, it will need about 3 minutes to re-start so as to prevent the fuse from break.	
Switch on the machine but it does not work. 	Is plug firmly inserted? Is there power failure?	Readjust power supply
	Does fuse get burned?	Replace fuse.
The cooling effect is not good. 	Is thermostat switch wrongly adjusted?	Readjust the thermostat.
	Is there any direct sunlight in the room? 	Use curtain or blind.
	Are doors or windows left open?	Shut doors and windows.
	Are there any obstacles blocking air inlet and outlet?	Remove the obstacles.
	Is air filter clogged? 	Clean it.
	Is there too much heat source in the room?	Remove the heat source



### PREPARATIONS BEFORE INSTALLATION

Make the wall hole or window hole (see Fig.1)

MODEL	A	B
HW-05LMA13	334mm	440mm

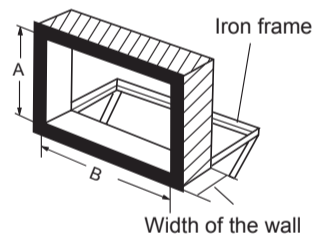


Fig. 1

Prepare unit for installation:

Take out the conditioner and accessories from the package .

**If problems can not be solved please pull out power plug and contact your dealer.**

### INSTALLATION PROCEDURES

1. Fix the prefabricated iron frame to stable position by expansible screws.
2. Put the whole machine with all the accessories installed on the iron frame.
3. Fill any distance between the wall hole and the machine body with flexible sponge rubber strip to prevent the entering of outer noise and the leaking of the coolness.
4. After installation of the conditioner, insert the power plug into the outlet and perform test-run.

#### Cautions



- Power cord: Be sure to use the exclusive power cord.
- Change installation place: If air-con need to be changed to another place please contact the dealer, who sold you the unit.
- Always use at the rated voltage and with specific air conditioning circuit

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