

ROOM AIR CONDITIONER OPERATION MANUAL

Haier

HW-18EMA13(T3)
HW-24EMA13(T3)

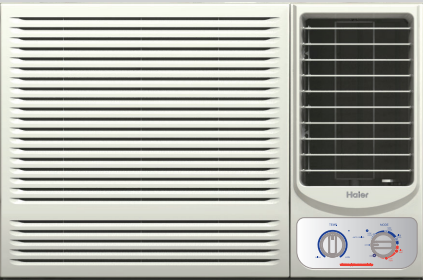
Please read this operation manual before using the air conditioner

Please keep it attentively

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1 SAFETY PRECAUTION

- **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 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 have been given supervision or instruction concerning 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.**

OPERATION CONDITIONS

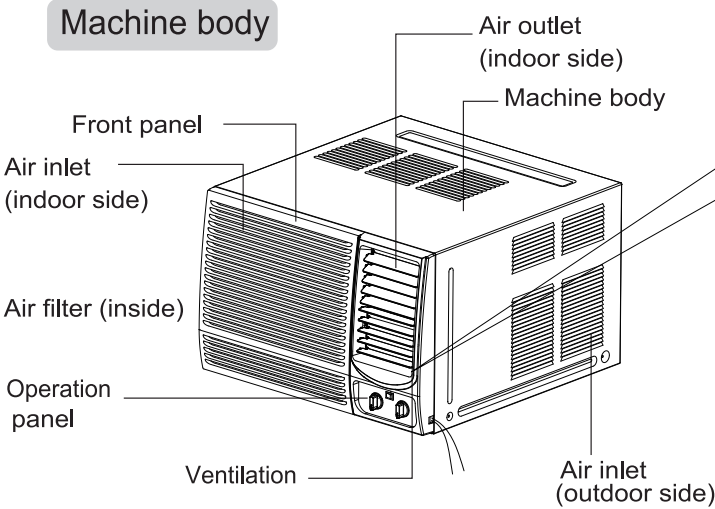
Applicable ambient temperature range:

Cooling	T1				T3			
	Indoor		Outdoor		Indoor		Outdoor	
	D.B	W.B	D.B	W.B	D.B	W.B	D.B	W.B
Max.Temperture:	32℃	23℃	43℃	26℃	32℃	23℃	52℃	31℃
Min.Temperture:	18℃	14℃	18℃	/	18℃	14℃	18℃	/

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

2 AIR CONDITIONER OPERATION

PART INDENTIFICATION



Note :
Your model may differ from the one shown.

2 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.

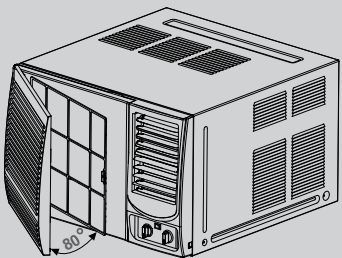
Take out the air filter

- 1.Press the concave parts on both sides at the lower part of air inlet grille to open the air inlet grille.

- 2.Hold the hump of filter mesh with fingers (as illustrated) and take it out.

Clean the filter

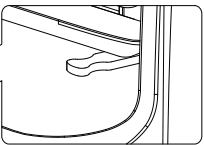
- 1.Gently flap the dirt off the air filter.
- 2.Carefully wash air filter in warm water(below 40℃) . To obtain better cleaning effect,soap water or neutral detergent may be used.
- 3.Flush air filter carefully with clean water after removing dirt.Let it dry completely.



CAUTION

Before cleaning, turn off the power
Do not open the front panel any angle than 80° to the unit or damage to the tabs may occur.

1 Ventilation



CLOSE:to the left side;
OPEN:to the right side;

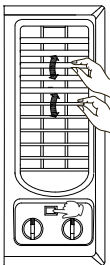
The ventilation lever must be CLOSE position in order to maintain the best cooling conditions. When fresh air is necessary in the room, set the ventilation lever to the OPEN position. The damper is opened and room air is exhausted.

3 Airflow Direction

Airflow Direction Vane

The Vertical Airflow Direction Vane is manually controlled by positioning the vane to discharge the air upward,downward or straight out.

Vertical airflow direction

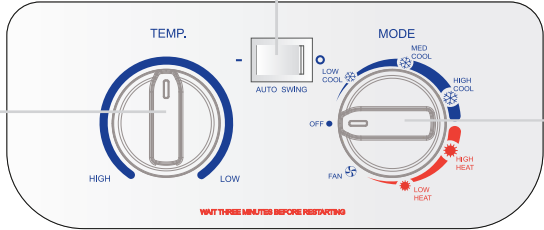


The horizontal air direction is adjusted by setting the AUTO SWING switch to the ON position.

Operation panel

1 Auto swing switch

When the switch is set to "—", and vertical louvers will swing from side to side, delivering gentle air thus making you feel very comfortable. When it is set to "○", and the vertical louvers stop at any position. This function will work only under cooling status.



Temp. setting

2 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.

This function will work only under cooling status.

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

3 Mode selection switch

Mode switch controls the fan motor speed,Cooling speed or Heating speed.

- When set to "FAN", fan motor runs to blow out air.
- When set to "HIGH COOL", air-con will start cooling at high speed, blowing out strong air.
- When set to "MED COOL", air-con will start cooling at med speed, blowing out less stronger air.
- When set to "LOW COOL", air-con will start cooling at low speed, blowing out gentle air.
- When set to "HIGH HEAT", air-con will start heating at high speed, blowing out strong air.
- When set to "LOW HEAT", air-con will start heating at low speed, blowing out gentle air.
- When set to "OFF", air conditioner stops running.

Note:

- It is advisable not to keep horizontal flap at downward position for a long time in COOL or FAN mode,otherwise, condensate water might occur.
- Don't move the vertical flap with hand in order to avoid the vertical flap abnormal, using the AUTO SWING switch to adjust the move of vertical flap under cooling status.

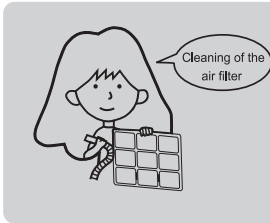
3 CARE AND MAINTENANCE



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.

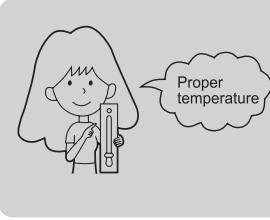
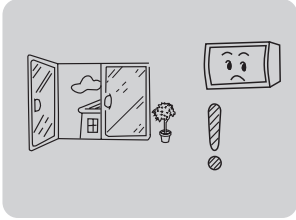
1 Air filter cleaning

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

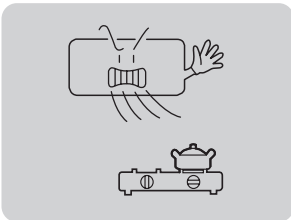
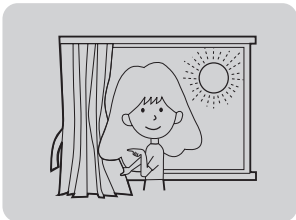


2 Notes

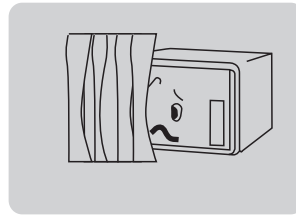
- Avoid opening doors and windows unless necessary.
- Don't be exposed to cold air for a long time.
- Set temp . a little bit higher before going to bed.



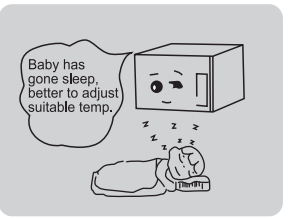
- Use curtain or blind
Direct sunlight may reduce cooling effect, always use window curtain.



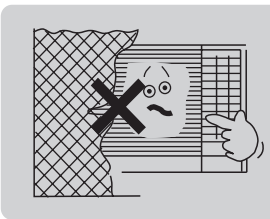
- Don't hang clothes in the vicinity of air inlet. This will decrease cooling effect and cause abnormal operation.



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



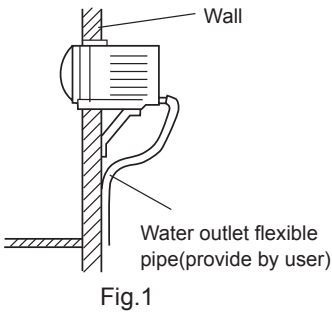
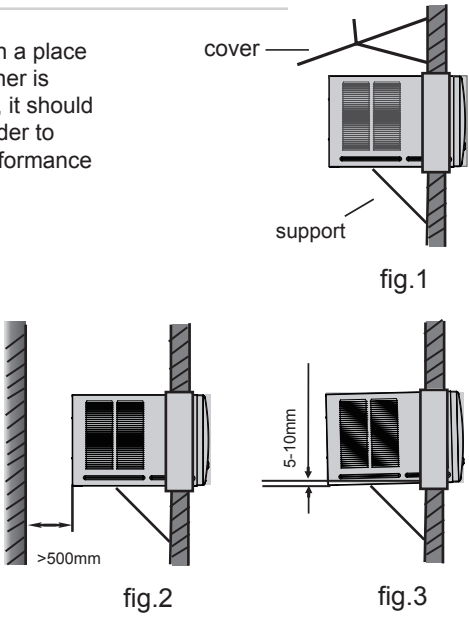
- Before operating mode selection switch, check that if the air inlet or outlet have been blocked.



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,ect.
- 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).



- 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. If there's water outlet flexible pipe, lead it to needed position(see Fig.1).
- 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.

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.

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

THE ENCLOSED ACCESSORIES OF THE CONDITIONER

Name	Rubber lid	Outlet pipe fitting	Manual	Sealed gasket
Figure				
HW-18EMA13(T3) HW-24EMA13(T3)	1	1	1	1

5 TROUBLESHOOTING

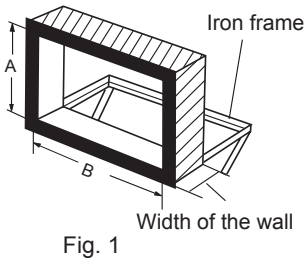


Before calling for service.
Check the following points before calling for repairs or service.

PREPARATIONS BEFORE INSTALLATION

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

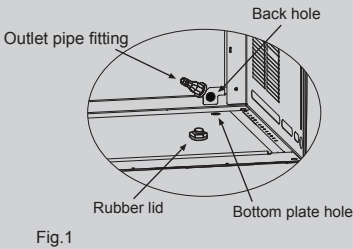
MODEL	A	B
HW-18EMA13(T3) HW-24EMA13(T3)	440mm	675mm



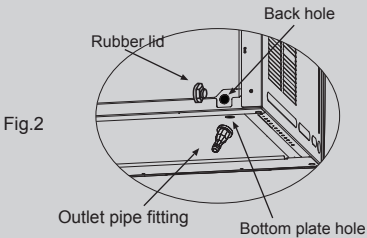
- 1.Take out the conditioner and accessories from the package .
- 2.Choose one way from below two options on disposal of the condensed water.

Generally there are two methods available on disposal of the condensed water:

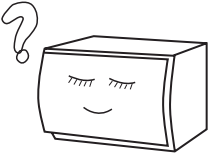
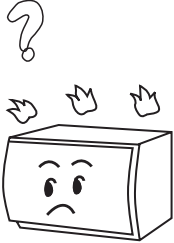


Method 1
Block the bottom plate hole of the conditioner with rubber lid, install **outlet pipe fitting** on the back hole and let the condensing water flow from the back hole of the conditioner. (See Fig.1) In this method, the accumulated condensed water in the bottom plate is hit by the fan onto the heat exchanger, and evaporated and blown out from the machine. It can cool the heat exchanger adiater more quickly, and improve the energy efficiency of the conditioner. But the hitting noise by the fan at the outdoor side is relatively large.



Method 2
If the surrounding humidity is high: Block the back hole of the conditioner with rubber lid and install **outlet pipe fitting** to the bottom hole, which can make the condensed water flow out from the bottom plate. (See Fig.2)



If necessary the above two methods can both have extra pipe added on the **outlet pipe fitting** (available on the market).

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

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