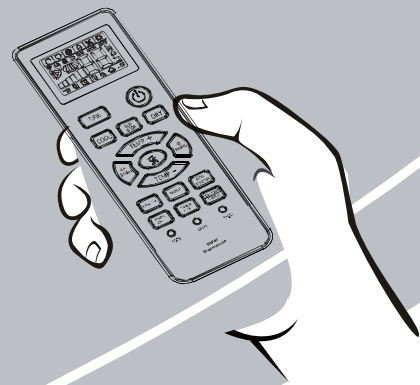
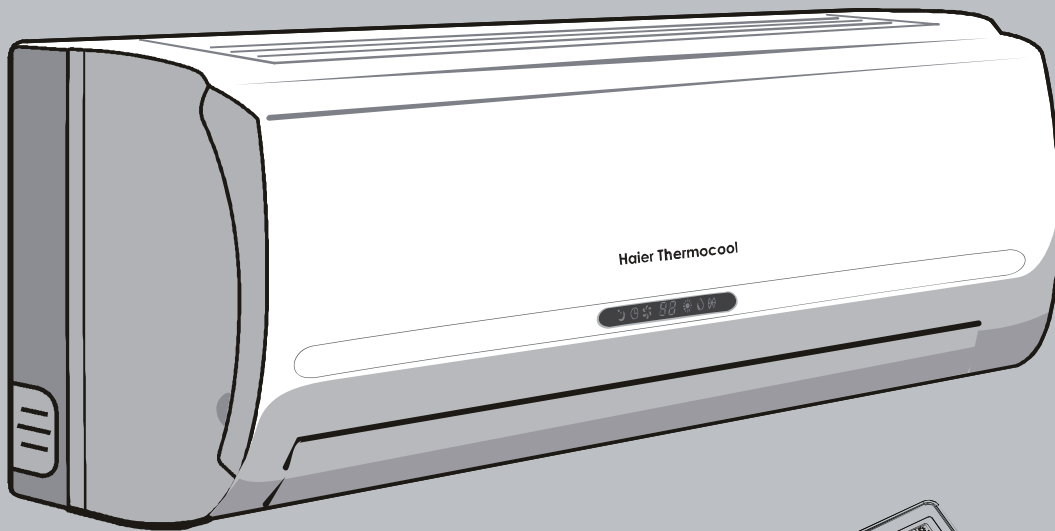


Haier THERMOCOOL

USER MANUAL OF SPLIT AIR CONDITIONER

Model: HSU-09LNEB-02
HSU-12LNEB-02
HSU-18LNEB-02

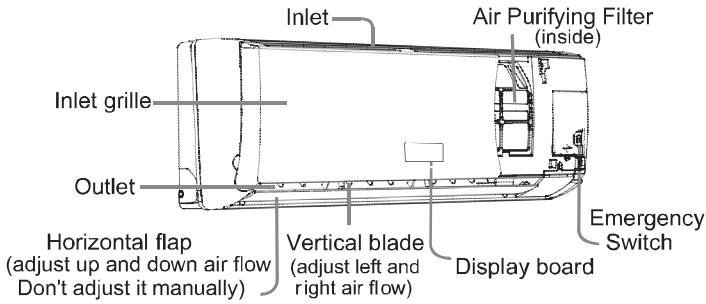


Congratulations for choosing a high quality production by **Haier THERMOCOOL**.
Please read this owner's manual carefully before using your production.
Now you will be cool, with **Haier THERMOCOOL**.

 From the HPZ Limited

Parts and Functions

Indoor Unit

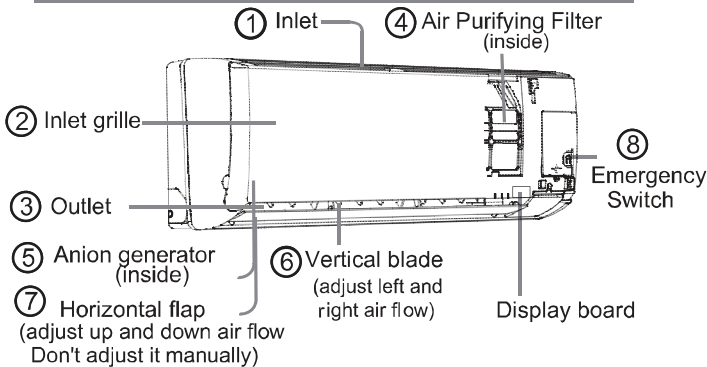


Display board A

-
- ① Signal receiver hole
 - ② Setting temp.display
 - ③ COOL display
 - ④ HEAT display
 - ⑤ HEALTH display
 - ⑥ DRY display

Display board B

-
- ① Signal receiver hole
 - ② Setting temp.display
 - ③ Operation mode indicator (lights up when the compressor is on.)
 - ④ TIME ON/OFF display
TIME ON=OFF display
SLEEP display

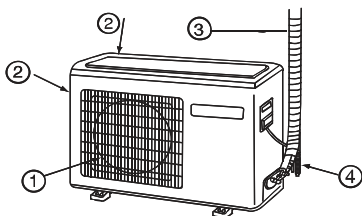


Display board

-
- ① Remote signal receiver
(A beeping sound is generated when a signal from remote controller is received.)
 - ② Power indicator (Lights up when unit starts.)
 - ③ Time mode indicator
(Lights up when Time operation is selected.)
 - ④ Operation mode indicator (lights up when the compressor is on.)
 - ⑤ Setting temp.display

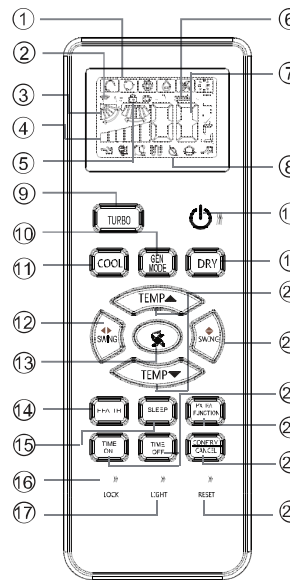
Actual inlet grille may vary from the one shown in the manual according to the product purchased

Outdoor Unit



- ① OUTLET
- ② INLET
- ③ CONNECTING PIPING AND ELECTRICAL WIRING
- ④ DRAIN HOSE

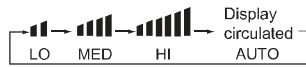
Remote controller



1. Mode display

Operation mode	AUTO	COOL	DRY	FAN
Remote controller				

- 2. Signal sending display
- 3. SWING display
- 4. FAN SPEED display
- 5. LOCK display



- 6. TIME OFF display
TIME ON display
- 7. TEMP display
- 8. Additional functions display

Operation mode	QUIET	SLEEP	Supplemented electrical heating	HEALTH	TURBO
Remote controller					

- 9. TURBO button
- 10. GEN MODE button
- 11. COOL button
- 12. SWING LEFT/RIGHT button
- 13. FAN SPEED button
- 14. HEALTH button
- 15. SLEEP button
- 16. LOCK button
- 17. LIGHT button

Control the lightening and extinguishing of the indoor LED display board.

- 18. POWER/SOFT button
- 19. DRY button
- 20. TEMP button
- 21. SWING UP/DOWN button
- 22. TIME OFF/OFF button
- 23. EXTRA FUNCTION button
Function: FAN → HEALTH AIRFLOW → AUTO → QUITE
- 24. CANCEL/CONFIRM button
Function: Setting and cancel to the time and other additional functions.

At GEN MODE, and not Extra Function, check the current shift through pressing "Confirm" button, the current shift is showed on the panel, not on the remoter.

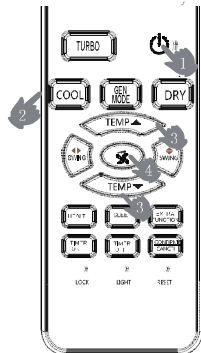
- 25. RESET button
When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote.

Healthy function is not available for some units.

Operation

Base Operation

Remote controller



1. Unit start

Press ON/OFF on the remote controller, unit starts.

2. Select temp. setting

Press TEMP+ / TEMP- button

TEMP+ Every time the button is pressed, temp.setting increase 1°C,if kept depressed, it will increase rapidly

TEMP- Every time the button is pressed, temp.setting decrease 1°C,if kept depressed, it will decrease rapidly

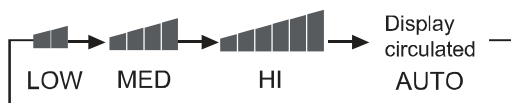
Select a desired temperature.

3. Fan function

Press button to enter additional options, when cycle display to , will flash. And then press enter to FAN function.

For each press button fan speed changes as follows:

Remote controller:



Air conditioner is running under displayed fan speed. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

Operation Mode	Remote Controller	Note
AUTO		Under the mode of auto operation, air conditioner will automatically select Cool or Heat operation according to room temperature. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.
COOL		Cooling only unit do not have displays and functions related with heating
DRY		In DRY mode, when room temperature becomes lower than temp.setting+2°C,unit will run intermittently at LOW speed regardless of FAN setting.
FAN		In FAN operation mode, the unit will not operate in COOL or HEAT mode but only in FAN mode. AUTO is not available in FAN mode.And temp.setting is disabled. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature. In FAN mode,SLEEP operation is not available.

Emergency operation and test operation

Emergency Operation:

- Use this operation only when the remote controller is defective or lost, and with function of emergency running, air conditioner can run automatically for a while.
- When the emergency operation switch is pressed, the " Pi " sound is heard once, which means the start of this operation.
- When power switch is turning on for the first time and emergency operation starts, the unit will run automatically in the following modes:

Room temperature	Designated temperature	Time mode	Fan speed	Operation mode
Above 23°C	26°C	No	AUTO	COOL

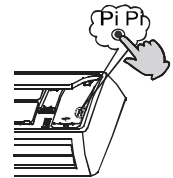


- It is impossible to change the settings of temp. and fan speed,It is also not possible to operate in timer or dry mode.

Test operation:

Test operation switch is the same as emergency switch.

- Use this switch in the test operation when the room temperature is below 16°C, do not use it in the normal operation.
- Continue to press the test operation switch for more than 5 seconds. After you hear the "Pi" sound twice, release your finger from the switch: the cooling operation starts with the air flow speed "Hi".
- Under this operation mode,the fan motor of indoor unit will run in high speed.



Air Flow Direction Adjustment

1. Status display of air flow

Vertical flap

Pos.1 (Auto swing)
Initial state

Pos.2 No initial state displayed on remote controller, the vertical flap will be fixed on the current position

2. Left and right air flow adjustment

For each press of SWING button, remote controller displays as follows :
remote controller:



Cautions:


- When adjusting the flap by hand,turn off the unit.
- When humidity is high,condensate water might occur adjusted to left or at air outlet if all vertical louvers are right.
- It is advisable not to keep horizontal flap at downward position for a long time in COOL or DRY mode , otherwise, condensate water might occur.

Note:

When restart after remote turning off, the remote controller will automatically memorize the previous set swing position.

Operation

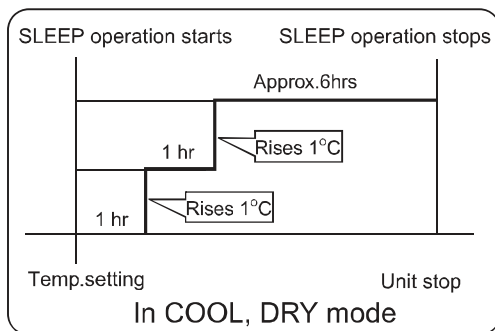
Comfortable SLEEP

Press **SLEEP** button , the remote controller will show  , and then achieve to the sleep function. Press again this **SLEEP** button , the sleep function will be cancelled.

Operation Mode

1. In COOL, DRY mode

1 hours after SLEEP mode starts, temp. will become 1°C higher than temp. setting. After another 1 hours, temp. rises by 1°C further. The unit will run for further 6 hours then stops. Temp. is higher than temp. setting so that room temperature won't be too low for your sleep.



2. In AUTO mode

The unit operates in corresponding sleep mode corresponding sleep mode adapted to the automatically selected operation mode.

3. In FAN mode

It has no SLEEP function.

4. When quiet sleeping function is set to 8 hours the quiet sleeping time can not be adjusted. When TIME function is set, the quiet sleeping function can't be set up. After the sleeping function is set up, if user resets TIME function, the sleeping function will be cancelled; the machine will be in the state of timing-on, if the two modes are set up at the same time, either of their operation time is ended first, the unit will stop automatically, and the other mode will be cancelled.

Note

When TIME function is set, the sleeping function can't be set up. After the sleeping function is set up, if user resets TIME function, the sleeping function will be cancelled; the machine will be in the state of timing-on.

Note to the power failure resume:

press the sleep button ten times in five seconds and enter function after hearing four sounds. And press the sleep button ten times within five seconds and leave this function after hearing two sounds.

Power Failure Resume Function

If the unit is started for the first time, the compressor will not start running unless 3 minutes have elapsed. When the power resumes after power failure, the unit will run automatically, and 3 minutes later the compressor starts running.

Healthy airflow Operation

1. Press  to starting

Setting the comfort work conditions.

2. The setting of healthy airflow function

Press **EXTRA FUNCTION** button to enter additional options, Press this button continuously, the louvers location will cycle between in the following three locations, to choose the swing location what you needed, and then press **CONFIRM/CANCEL** button to confirm.




3. The cancel of the healthy airflow function

Press **EXTRA FUNCTION** button to enter additional options, Press this button continuously, the louvers location will cycle between in the following three locations again, and then press **CONFIRM/CANCEL** button to cancel.

Notice: Do not direct the flap by hand. Otherwise, the grille will run incorrectly. If the grille is not run correctly, stop for a minute and then start, adjusting by remote controller.

Note:


1. After setting the healthy airflow function, the position grill is fixed.
2. In cooling, it is better to select the  mode.
3. In cooling and dry, using the air conditioner for a long time under the high air humidity, condensate water may occur at the grille.


Operation

Time On/Off On-Off Operation

1. After unit starts, select your desired operation mode.

2. Press  /  button to change TIME mode.

Press  button "ON 0.5" will appear, after 10 seconds the time display will be blank.

Press  button "OFF 0.5" will appear, after 10 seconds the time display will be blank.

Then select your desired TIME mode (TIME ON or TIME OFF). "ON" or "OFF" will flash.

3. Press  /  button to set time.

Press the button for each time, setting time in the first 12 hours increased by 0.5 hour every time, after 12 hours, increased by 1 hour every time.

4. Confirm time setting

After adjust the time, press  button and confirm the time ON or OFF button will not flash any more.

5. Cancel time setting

Press the  button the time display eliminated.


Hints:

After replacing batteries or a power failure happens, time setting should be reset.

According to the Time setting sequence of TIME ON or TIME OFF, either Start-Stop or Stop-Start can be achieved.

HEALTH Operation

(This function is unavailable on some models.)

Press HEALTH button, the remote controller will show  and then achieve to the health function. Press again this HEALTH button, the health function will be cancelled.


The anion generator in the air conditioner can generate a lot of anion effectively balance the quantity of position and anion in the air and also to kill bacteria and speed up the dust sediment in the room and finally clean the air in the room.

TURBO Operation

(This function is unavailable on some models.)

TURBO Operation

When you need rapid heating or cooling, you can use this function.

Press TURBO button, the remote controller will show , and then achieve to the turbo function. Press again this TURBO button, the turbo function will be cancelled.

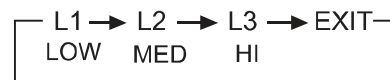
Note:

During TURBO operation, in rapid COOL mode, the room will show inhomogeneous temperature distribution.

GEN MODE Operation

Model	GEN POWER(W)
09K	$1000 \leq P \leq 2000$
12/18K	$P > 2000$

Press the "GEN MODE" button for the first time, the Gen AC come into L1, within 5s: fix the current shift, show "L1" at the same time, press this button again within 5s, the Gen AC come into L2, followed by recycling:



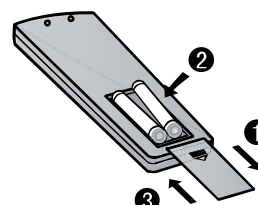
Show the set temperature after 5s. Check the current shift through pressing "Confirm" button.

The current shift is showed on the panel, not on the remoter. If exit GEN MODE, the shift isn't showed.

Note:

1. At GEN MODE, other button is effective except on/off, if press other button it won't exit GEN MODE.
2. Choose shift according to load situation of generator.
3. Repair and maintenance the generator regularly.

Loading of the battery



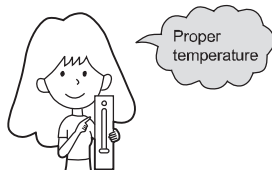
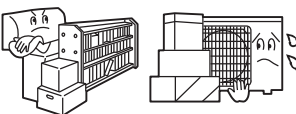


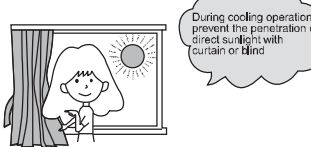
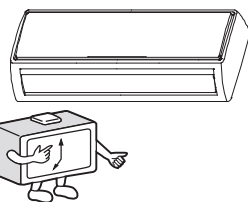


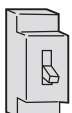
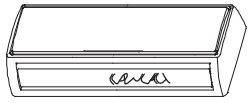
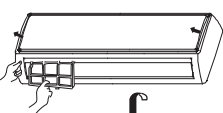

4 Load the battery, then put on the cover again.

Note:

- The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well.
- When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter.
- Full display or unclear display during operation indicates the batteries have been used up. Please change batteries.
- If the remote controller can't run normally during operation, please remove the batteries and reload several minutes later.


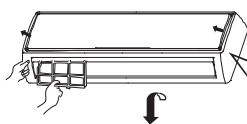

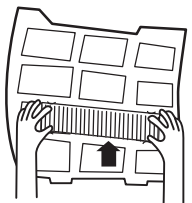
Maintenance

For Smart Use of The Air Conditioner

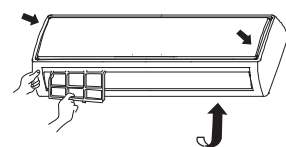
<p>Setting of proper room temperature</p> 	<p>Do not block the air inlet or outlet</p> 	<p>Remote Controller</p>  <p>Do not use water, wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.</p>	<p>Indoor Body</p>  <p>Wipe the air conditioner by using a soft and dry cloth. For serious stains, use a neutral detergent diluted with water. Wring the water out of the cloth before wiping, then wipe off the detergent completely.</p>
<p>Close doors and windows during operation</p> 	<p>Use the timer effectively</p> 	<p>Do not use the following for cleaning</p>  <p>Gasoline, benzene, thinner or cleanser may damage the coating of the unit.</p>  <p>Hot water over 40°C(104°F) may cause discoloring or deformation.</p>	
<p>If the unit is not to be used for a long time, turn off the power supply main switch.</p> 	<p>Use the louvers effectively</p> 	<p>Air Filter cleaning</p> <ol style="list-style-type: none"> 1 Open the inlet grille by pulling it upward. 2 Remove the filter. Push up the filter's center tab slightly until it is released from the stopper, and remove the filter downward. 3 Clean the filter. Use a vacuum cleaner to remove dust, or wash the filter with water. After washing, dry the filter completely in the shade. 4 Attach the filter. Attach the filter correctly so that the "FRONT" indication is facing to the front. Make sure that the filter is completely fixed behind the stopper. If the right and left filters are not attached correctly, that may cause defects. 5 Close the inlet grille.   <p>Once every two weeks</p>	

Replacement of Air Purifying Filter

(NOTE: Air purifying filter is optional part)

- 1. Open the Inlet Grille**
Prop up the inlet grille by using a small device named grille-support which located in the right side of the indoor unit.

- 2. Detach the standard air filter**
Slide the knob slightly upward to release the filter, then withdraw it.

Detach old Air Purifying Filter

- 3. Attach Air Purifying Filter**
Put air purifying filter appliances into the right and left filter frames.


4. Attach the standard air filter (Necessary installation)



ATTENTION:

The white side of the photocatalyst air purifying filter face outside, and the black side face the unit.
The green side of the bacteria-killing medium air purifying filter face outside, and the white side face the unit.

5. Close the Inlet Grille

Close the Grille surely

NOTE:

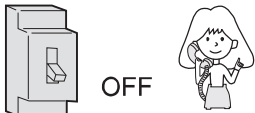
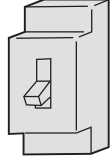
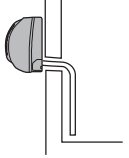


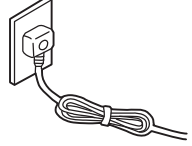
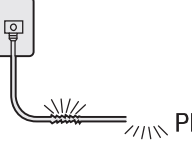

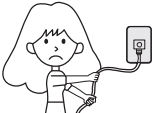
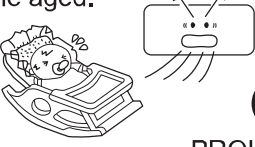
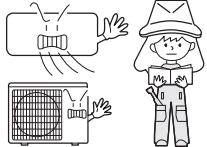
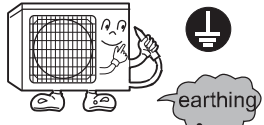
- The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months.
- The bacteria-killing medium air purifying filter will be used for a long time, no need for replacement. But in the period of using them, you should remove the dust frequently by using vacuum cleaner or flapping them lightly, otherwise, its performance will be affected.
- Please keep the bacteria-killing medium air purifying filter in the cool and dry conditions, avoid long time directly sunshine when you stop using it, or its ability of sterilization will be reduced.

Cautions

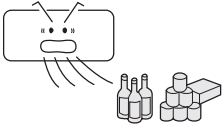
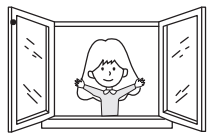
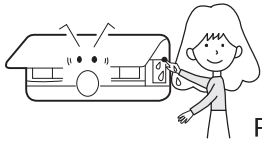
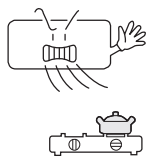
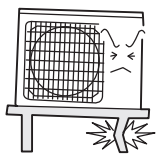
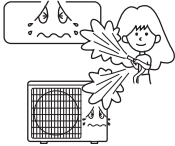
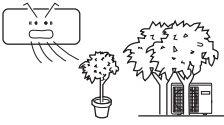
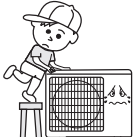
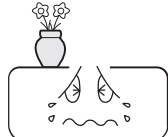
⚠ WARNING

Please call Sales/Service Shop for the Installation.
Do not attempt to install the air conditioner by yourself because improper works may cause electric shock, fire, water leakage.

⚠ WARNING






<p>When abnormality such as burnt-smell found, immediately stop the operation button and contact sales shop.</p>  <p>OFF</p> <p>STRICT ENFORCEMENT</p>	<p>Use an exclusive power source with a circuit breaker</p> 	<p>Check proper installation of the drainage securely</p>  <p>STRICT ENFORCEMENT</p>
<p>Connect power supply cord to the outlet completely</p>  <p>STRICT ENFORCEMENT</p>	<p>Use the proper voltage</p>  <p>STRICT ENFORCEMENT</p>	<p>1. Do not use power supply cord extended or connected in halfway 2. Do not install in the place where there is any possibility of inflammable gas leakage around the unit. 3. Do not get the unit exposed to vapor or oil steam.</p> <p>PROHIBITION</p>
<p>Do not use power supply cord in a bundle.</p>  <p>PROHIBITION</p>	<p>Take care not to damage the power supply cord.</p>  <p>PROHIBITION</p>	<p>Do not insert objects into the air inlet or outlet.</p>  <p>PROHIBITION</p>
<p>Do not start or stop the operation by disconnecting the power supply cord and so on.</p>  <p>PROHIBITION</p>	<p>Do not channel the air flow directly at people, especially at infants or the aged.</p>  <p>PROHIBITION</p>	<p>Do not try to repair or reconstruct by yourself.</p>  <p>Connect the earth cable.</p>  <p>earthing</p>

⚠ CAUTION

<p>Do not use for the purpose of storage of food, art work, precise equipment, breeding, or cultivation.</p>  <p>PROHIBITION</p>	<p>Take fresh air occasionally especially when gas appliance is running at the same time.</p>  <p>STRICT ENFORCEMENT</p>	<p>Do not operate the switch with wet hand.</p>  <p>PROHIBITION</p>
<p>Do not install the unit near a fireplace or other heating apparatus.</p>  <p>PROHIBITION</p>	<p>Check good condition of the installation stand</p>  <p>PROHIBITION</p>	<p>Do not pour water onto the unit for cleaning</p>  <p>PROHIBITION</p>
<p>Do not place animals or plants in the direct path of the air flow</p>  <p>PROHIBITION</p>	<p>Do not place any objects on or climb on the unit.</p>  <p>PROHIBITION</p>	<p>Do not place flower vase or water containers on the top of the unit.</p>  <p>PROHIBITION</p>

Trouble shooting

Before asking for service, check the following first.

	Phenomenon	Cause or check points
Normal Performance inspection	The system does not restart immediately. 	<ul style="list-style-type: none"> When unit is stopped, it won't restart immediately until 3 minutes have elapsed to protect the system. When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner.
	Noise is heard 	<ul style="list-style-type: none"> During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable (This noise is generated by refrigerant flowing in the system.) During unit operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes. Should there be a big noise from air flow in unit operation, air filter may be too dirty.
	Smells are generated.	<ul style="list-style-type: none"> This is because the system circulates smells from the interior air such as the smell of furniture, paint, cigarettes.
	Mist or steam are blown out. 	<ul style="list-style-type: none"> During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.
	In dry mode, fan speed can't be changed.	<ul style="list-style-type: none"> In DRY mode, when room temperature becomes lower than temp.setting+2°C, unit will run intermittently at LOW speed regardless of FAN setting.
Multiple check		<ul style="list-style-type: none"> Is power plug inserted? Is there a power failure? Is fuse blownout?
	Poor cooling 	<ul style="list-style-type: none"> Is the air filter dirty? Normally it should be cleaned every 15 days. Are there any obstacles before inlet and outlet? Is temperature set correctly? Are there some doors or windows left open? Is there any direct sunlight through the window during the cooling operation?(Use curtain) Are there too much heat sources or too many people in the room during cooling operation?

T1: Application temp. range of air conditioner 18°C~43°C.

Cautions

The machine is adaptive in following situation

1.Applicable ambient temperature range:

For: T1

Cooling	Indoor	Maximum: D.B / W.B Minimum: D.B / W.B	32°C/23°C 18°C/14°C
	Outdoor	Maximum: D.B Minimum: D.B	43°C/26°C 18°C

- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. The type of connecting wire is H05RN-F or H07RN-F
- If the fuse on PC board is broken please change it with a fuse type T. 3.15A/250V.
If the fuse of outdoor unit on PC board is broken, please change it with the type of T. 25A/250V.
- The distance between the indoor unit and the floor should be more than 2m.
- The wiring method should be in line with the local wiring standard.
- After installation, the power plug should be easily reached..
- The used batteries should be disposed of properly.
- The appliance is not intended to use by young children or infirm persons without supervision.
- Young children should be supervised ensure that they do not play with the appliance.
- The appliance must be installed on a strong enough support.
- The wiring diagram is attached inside the machine.

⚠ WARNING

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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.
- 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.
- The appliances are not intended to be operated by means of an external timer or separate remote-control system.
- Keep the appliance and its cord out of reach of children less than 8 years.

**Haier
THERMOCOOL**

Always there for you.

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