

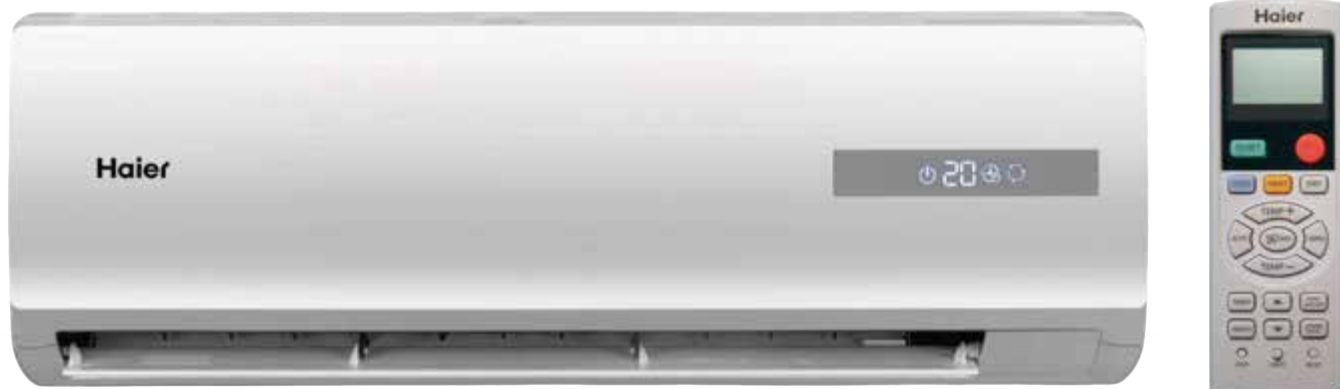
User Manual

Indoor

HSU09VHG(DB)-W
HSU12VHG(DB)-W
HSU18VHG(DB)-W
HSU24VHG(DB)-W

Outdoor

HSU09VHG(DB)-G
HSU12VHG(DB)-G
HSU18VHG(DB)-G
HSU24VHG(DB)-G



Design may vary by model number.



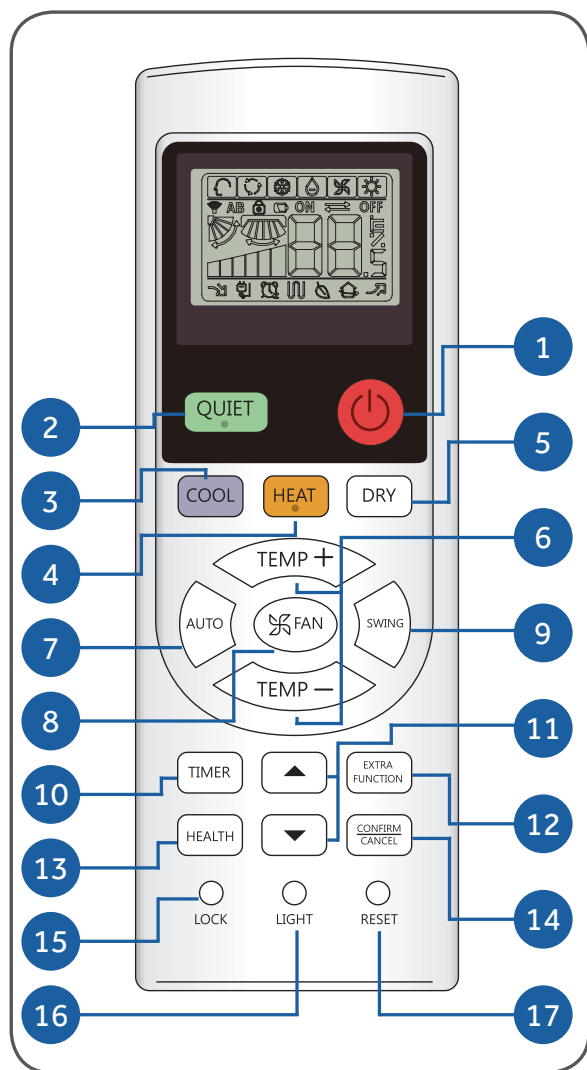
WARNING

- This system should be installed by a qualified HVAC professional. Do not attempt to install the air conditioner by yourself because incorrect installation may cause fire, water leakage, personal injury or death.
- When abnormalities such as a burnt-smell are found, immediately power off the main switch and contact a licensed contractor.
- Do not obstruct or cover the ventilation grille on the air conditioner. Do not put fingers or any other things into the inlet/outlet or swing louver.
- Do not allow children to play with the air conditioner. Children should never be allowed to sit on the outdoor unit


- Please read this manual before using the air conditioner.
- Keep this user manual for future reference.

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
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1 Power Button

Press the ON/OFF  button on the remote control to start the unit.


2 QUIET Button

This function may be used when silence is needed for rest or reading. Press the QUIET  button, the remote control will display the QUIET  icon and switch the unit to the quiet function. Press the QUIET  button again to cancel this function.


Note:

Running the unit in QUIET mode for a long period of time may cause the room temperature to not reach the set temperature. If this occurs, cancel QUIET mode and set the fan speed to a higher setting.


3 COOL Button

In COOL mode, the unit operates in cooling. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature. The  will be displayed during COOL mode.

4 HEAT Button

In HEAT mode, warm air will blow out after a short period of the time due to cold-air prevention function. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature. The  will be displayed during HEAT mode.

5 DRY Button

DRY mode is used to reduce humidity. In DRY mode, when room temperature becomes lower than temp. setting +2°F, unit will run intermittently at LOW speed regardless of FAN setting. The  will be displayed during DRY mode.


6 Temperature +/- Buttons

Temp + Every time the button is pressed, the temperature setting increases.

Temp - Every time the button is pressed, temperature setting decreases.

The operating temperature range is 60°F-86°F (16°C-30°C).

7 AUTO Button

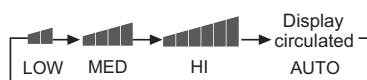
Under the mode of auto operation, the air conditioner will automatically select Cool or Heat operation according to room temperature. When FAN is set to AUTO the air conditioner automatically adjusts the fan speed according to room temperature. The  will be displayed during AUTO mode.

8 FAN Button

Fan speed selection

Press the FAN  button. For each press, fan speed changes as follows:

Remote control:



The air conditioner fan will run according to the displayed fan speed.

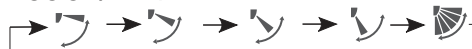
When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

9 Louver SWING Button

Air Flow Direction Adjustment

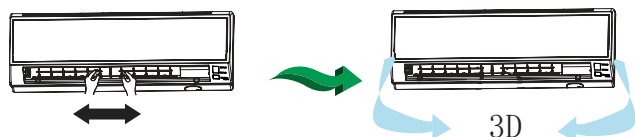
1. Status display of air flow

COOL/DRY:



HEAT:**2. Left and right air flow adjustment (manual)**

Manually move the vertical blade sets on the air conditioner to adjust left and right direction referring to the figure below.

**Cautions:**

- Turn the unit off prior to opening the horizontal louver and adjusting the vertical blades by hand.
- When humidity levels are high, condensate water may occur at the air outlet if all vertical louvers are adjusted to left or right.
- It is advisable not to keep the horizontal louver in the downward position for an extended period of time in COOL or DRY mode, otherwise condensate water may form on the louver.

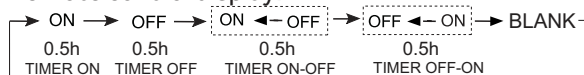
Note:

When turning the unit on, the remote control will automatically return the louver to the previous set swing position. When turning the unit off, the louver will rotate to the full open position prior to closing.

10 Timer Button**On-Off Operation**

1. Start the unit and select the desired operating mode.

2. Press the **TIMER** button to change to **TIMER** mode. Every time the **TIMER** button is pressed, the display changes as follows:

Remote control display:

Select the desired **TIMER** mode (**TIMER ON** or **TIMER OFF** or **TIMER ON-OFF**). The "ON" or "OFF" icon will flash.

3. Press the **▲** / **▼** buttons to set the time.

▲ - Pressing this button increases the time in 0.5 hour increments between hours 0 and 12, and 1 hour increments for times between hours 12 and 24.

▼ - Pressing this button decreases the time in 0.5 hour increments between hours 0 and 12, and 1 hour increments for times between hours 12 and 24.

The on or off time can be adjusted up to 24 hours.

4. Confirm timer setting

After adjusting the time, press the **CONFIRM/CANCEL** button and confirm the time ON or OFF icon stops flashing and remains displayed.

5. Cancel timer setting

Press the **TIMER** button repeatedly until the time display clears.

Note:

Holding the **▲** / **▼** button down will rapidly cycle the time. After replacing batteries or a power failure occurs, the time setting will need to be reset.

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

12 EXTRA FUNCTION Button**Function:**

A) Fan Mode - Is indicated by the icon. Only the fan will operate in this mode. See section 8 "FAN Button" for changing the fan settings.

B) Intelligent upward airflow, C) Intelligent downward airflow, D) Reset intelligent airflow position

1. Press the **ON/OFF** button on the remote control to turn the unit on.
Select the desired operating mode.

2. Setting the intelligent airflow function

Press the **EXTRA FUNCTION** button to enter additional options. Press this button repeatedly to access the louver settings. The louver icon will cycle through the following three settings.





Select the desired position, then press the **CONFIRM/CANCEL** button to set the function.

3. Canceling the intelligent airflow function



Press the **EXTRA FUNCTION** button to enter additional options. Press this button repeatedly to access the louver settings. Cycle the button to the louver icon "present" position, then press the **CONFIRM/CANCEL** button to cancel the function.

Notice: Do not reposition the horizontal louver by hand. This may cause the louver to run incorrectly and not match the icon displayed on the remote control. If the louver is not running correctly, turn the unit off for one minute, then back on, and adjust the louver setting with the remote control.

Note:

1. After setting the intelligent airflow function, the louver position is fixed.
2. In cooling, it is better to select the  mode.
3. In heating, it is better to select the  mode.
4. In cooling and dry modes, using the air conditioner for a long period of time under high humidity conditions, condensate water may form on the grille/louver.

E) Right and left airflow setting

This will adjust the left and right airflow of the unit. Press the Extra Function  button until  is displayed. This will adjust the left and right positioning of the louvers.

Press the Confirm/Cancel  button to apply the setting.

F) A-B Yard - This will allow you to control two separate units with a single remote control.

Note: this feature would be setup at the time of installation by the contractor.

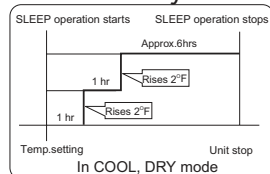
G) 50°F low temperature heating - Feature not available on this series.

H) Sleep mode

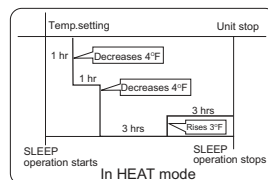
Press the Extra Function  button to enter additional options, cycle the button to display the , the  icon will flash. Press the Confirm/Cancel  button to enter the sleep function.

Sleep Operation Mode**1. SLEEP mode during COOL, DRY modes**

One hour after SLEEP mode starts, the temperature will rise 2°F above set temperature, after another hour, the temperature rises an additional 2°F. The unit will run for an additional six hours, then turns off. The final temperature is 4°F higher than the initial set temperature. Using this feature will help with achieving maximum efficiency and comfort from your unit while you sleep.

**2. SLEEP mode during HEAT mode**

One hour after SLEEP mode starts, the temperature will decrease 4°F below set temperature, after another hour, the temperature will decrease an additional 4°F. After an additional three hours, the temperature will rise by 2°F. The unit will run for an additional three hours, then turns off. The final temperature is 6°F lower than the initial set temperature. Using this feature will help with achieving maximum efficiency and comfort from your unit while you sleep.

**3. In AUTO mode**

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

Note:

When the unit is set to sleep mode, the fan speed will be set to low speed and cannot be changed.







Note: When the TIMER function is set, the sleeping function cannot be set. If the sleeping function has been set, and the user sets the TIMER function, the sleeping function will be canceled, and the unit will be set to the timer function.

I) Electrical heating - Feature not available on this series.

J) Refresh air - Feature not available on this series.

K) Turbo



Use this function when rapid heating or cooling is needed.

Press the EXTRA FUNCTION  button to enter additional options, cycle the button to display the  icon, the  icon will flash. Press the CONFIRM/CANCEL  button to enter the power function. To cancel the power function, press the EXTRA FUNCTION  button again to enter additional options, press the CONFIRM/CANCEL  button or select a different mode to cancel the power function.

Note:

During POWER operation, in rapid HEAT or COOL mode, the room may have uneven temperature distribution.

L) Fahrenheit/Celsius mode shift on unit and remote -

To switch between Fahrenheit and Celsius press the EXTRA FUNCTION  button until either Celsius or Fahrenheit is displayed. Press the CONFIRM/CANCEL  button to apply the change.

13 HEALTH Button

Feature not available on this series.

14 Confirm/Cancel Button

Function: Setting and canceling timer and other functions.

15 LOCK Button

Used to lock buttons and LCD display

16 LIGHT Button

Turns indoor unit display on and off

17 RESET Button

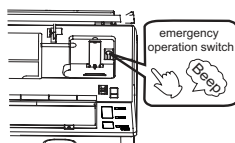
If the remote control is not functioning properly, use a pen point or similar object to depress this button to reset the remote.

Emergency Operation

Emergency Operation:

- Use this operation only when the remote control is defective or lost.
- When the emergency operation switch is pressed, the unit beeps once, which indicates the start of this operation.
- When the power switch is turned on for the first time and emergency operation starts, the unit will run automatically in the following modes:

Room temperature	Designated temperature	Timer mode	Fan speed	Operation mode
Above 73°F	79°F	No	AUTO	COOL
Below 73°F	73°F	No	AUTO	HEAT



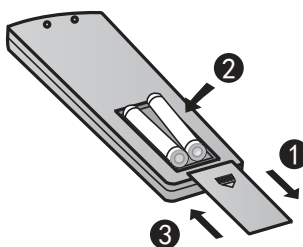
- During emergency operation, it is not possible to change the settings of temperature and fan speed. It is also not possible to operate in timer or dry modes.

Inserting the Batteries

1. Remove the battery cover
2. Insert 2 AAA batteries as illustrated noting battery polarity
3. Reinstall the battery cover

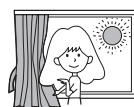
NOTE:

- The distance from the remote control to the receiver should be less than 23 feet with no obstructions.
- If the remote control display is weak or the operating distance has diminished, the batteries may need to be replaced.
- Remote control malfunctions can sometimes be corrected by removing the batteries from the remote for a few minutes and then reinstalling them.
- Remove the batteries from the remote control if the unit will not be in use for an extended period of time. If any segments of the display remain active after battery removal, press the reset button.



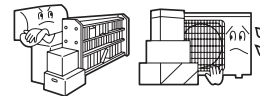
Optimizing Performance

Close doors and windows during operation

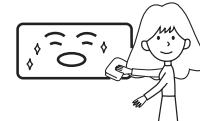


During cooling operation prevent direct sunlight with curtains or blinds

Do not block the air inlet or outlet



Wipe the air conditioner 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 down the unit. Then wipe off the detergent completely.



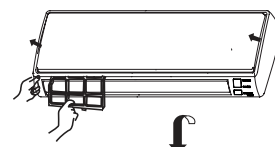
Cleaning the Air Filter

1. Open the inlet grille by pulling it upward



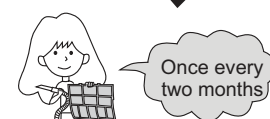
2. Remove the filter.

Gently push up on the filter's center tab until it is released from the stopper, and remove the filter downward.



3. Clean the filter.

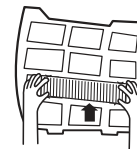
Use a vacuum cleaner to remove dust, or wash the filter with water. After washing, dry the filter completely.



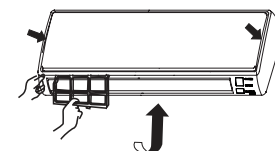
Once every two months

4. Attach the filter








Attach the filter so that the "FRONT" label is facing the front. Make sure that the filter is securely attached behind the holding tabs. If the filter is not attached correctly the unit may not achieve maximum efficiency.



5. Close the inlet grille.



Before asking for service, check the following first:

	Problem	Cause and Solutions
Normal Performance Inspection	The system does not restart immediately 	<ul style="list-style-type: none"> When unit is stopped, it will not restart again for 3 minutes to protect the system. When electricity is disconnected and then reconnected, 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 a stop, a swishing or gurgling noise may be heard. The first 2-3 minutes after the unit has started is when the noise is most 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 due to temperature changes. If the airflow creating a loud noise during unit operation, the air filter may be too dirty.
	Odd smell 	<ul style="list-style-type: none"> The system circulates smells from the indoor air such as the smell of furniture, paint, and/or cigarettes.
	Mist or steam are blowing 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 the indoor air.
	In dry mode, fan speed can't be changed. 	<ul style="list-style-type: none"> In DRY mode, when the room temperature becomes lower than the set temperature by 2°F, the unit will run intermittently at LOW speed regardless of FAN setting.
Conditions to check for		<ul style="list-style-type: none"> Is the power plug inserted? Is there a power failure? Is a fuse blown?
	Poor cooling 	<ul style="list-style-type: none"> Is the air filter dirty? Normally it should be cleaned every 2 months. Is there anything blocking the inlet and/or outlet? Is the temperature set correctly? Are there any doors or windows open? Is there any direct sunlight through the window during the cooling operation? (Use curtains) Are there too many heat sources or too many people in the room during cooling operation?

5 YEAR LIMITED PARTS WARRANTY

This warranty covers all defects in workmanship or material for the mechanical and electrical parts contained in this product for a period of 5 years from the date of purchase. You must keep and be able to provide your original sales receipt as proof of the date of purchase.

7 YEAR COMPRESSOR WARRANTY

The compressor contained in this product is warranted for a period of 7 years from the date of purchase. You must keep and be able to provide your original sales receipt as proof of the date of purchase.

WHO IS COVERED

The original purchaser of this product.

Haier America will replace any mechanical or electrical parts or that which proves defective in normal operation for a period of 5 years. Compressor for 7 years.

HOW CAN YOU GET SERVICE

Contact your Installer.

All service must be performed by a licensed HVAC technician.

THIS WARRANTY DOES NOT COVER

1. Damages from improper installation.
2. Damages in shipping.
3. Defects other than manufacturing.
4. Damages from misuse, abuse, accident, alteration, lack of proper care and maintenance or incorrect electrical voltage or current.
5. Damages from other than household use.
6. Damages from services performed by other than a licensed HVAC technician.

THIS LIMITED WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The remedy provided in this warranty is exclusive and is granted in lieu of all other remedies. This warranty does not cover incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so this limitation may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty covers units within the continental United States, Canada and Puerto Rico.

Haier America,
Wayne, NJ 07470

www.Haier.com

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