

OWNER'S MANUAL & INSTALLATION INSTRUCTIONS

Cool Only Models AJCQ06LCH AJCQ08ACH AJCQ10ACH AJCQ10DCH AJCQ12ACH AJCQ12DCH AJCQ14DCH **Cool Only High Mount Models** AJCM10ACH AJCM10DCM AJCM12DCM Heat/Cool Models AJEQ08ACH AJEQ10DCH AJEQ12DCH AJEQ14DCH Heat/Cool High Mount Models AJEM12DCH **Heatpump Models** AJHQ08ACH AJHQ12DCH

ESPAÑOL

For a Spanish version of this manual, visit our Website at www.GEAppliances.com.

Para consultar una version en español de este manual de instrucciones, visite nuestro sitio de internet www.GEAppliances.com.

FRANÇAIS

For a French version of this manual, visit our Website at www.GEAppliances.ca.

Pour un version français de ce manuel d'utilisation, veuillez visiter notre site web à l'adresse www.GEAppliances.ca.

Write the model and serial numbers here:

Model #_____

Serial # _____

You can find the this information on a label attached to the right side of the chassis.

THANK YOU FOR MAKING GE APPLIANCES A PART OF YOUR HOME.

Whether you grew up with GE Appliances, or this is your first, we're happy to have you in the family.

We take pride in the craftsmanship, innovation and design that goes into every GE Appliances product, and we think you will too. Among other things, registration of your appliance ensures that we can deliver important product information and warranty details when you need them.

Register your GE appliance now online. Helpful websites and phone numbers are available in the Consumer Support section of this Owner's Manual. You may also mail in the pre-printed registration card included in the packing material.



IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

AWARNING For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- This air conditioner must be properly installed in accordance with the Installation Instructions before it is used.
- Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the receptacle.
- Replace immediately all electric service cords that have become frayed or otherwise damaged. A damaged power supply cord must be replaced with a new power supply cord obtained from the manufacturer and not repaired. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
- **AWARNING** USE OF EXTENSION CORDS

RISK OF FIRE. Could cause serious injury or death.

DO NOT use an extension cord with this air conditioner.

HOW TO CONNECT ELECTRICITY

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded.

DO NOT use an adapter plug with this appliance.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.

Power cord includes a current interrupter device. A test and reset button is provided on the plug case. The device should be tested on a periodic basis by first pressing the **TEST** button and then the **RESET** button while plugged into the outlet. If the **TEST** button does not trip or if the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

- Turn the unit OFF and unplug your air conditioner before cleaning.
- For your safety...do not store or use combustible materials, gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- If the receptacle does not match the plug, the receptacle must be changed out by a qualified electrician.

 DO NOT use surge protectors or multi-outlet adaptors with this air conditioner.

Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.

Where a 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

The air conditioner should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.

This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.

See the Installation Instructions, **Electrical Requirements** section for specific electrical connection requirements.

For appliance recycling information please visit GEAppliances.com/recycling.

READ AND SAVE THESE INSTRUCTIONS

Using the Air Conditioner - Controls

Appearance may vary.



Air Conditioner Controls

Lights below the touch pads on the control panel indicate the selected settings

1. POWER

Turns air conditioner on and off.

2. Display

Displays the temperature setting. Displays hours when setting the timer.

3. Mode

Use to set COOL, HEAT (on some models), DRY, AUTO, or FAN modes. Indicator lights on the controls will show the mode selected.

4. Temp Increase + / Decrease - Pads

Use to set temperature when in Auto, Cool, Dry or Heat (on some models) mode.

5. Fan Speed

Use to set the fan speed at LOW, MEDIUM, HIGH, OR AUTO. Indicator lights will show the speed selected.

6. Timer

ON - Use to set the air conditioner to automatically turn **ON** from .5 to 24 hours later.

OFF - Use to automatically turn the air conditioner **OFF** from .5 to 24 hours later.

7. Filter

Monitors accumulated fan run time as a reminder to clean the filter.

8. Eco

ON: Use to cycle the fan off when the compressor cycles off.

OFF: Use to run the fan continuously when in cooling or heating (on some models) mode.

9. Sleep

Allows room temperature to increase (Cool mode) or decrease (Heat mode) during sleeping hours.



Remote Control

- To ensure proper operation, aim the remote control at the signal receiver on the air conditioner.
- The remote control signal has a range up to 21 feet.
- Make sure nothing is between the air conditioner and the remote control that could block the signal.
- Make sure the battery is fresh and installed correctly see the Care and Cleaning section.

Using the Air Conditioner - Features

To Adjust Fan Speeds

Press the Fan Speed button to select the FAN Speed in four steps - Auto, Low, Med, or High. Each time the button is pressed, the fan speed mode is shifted.

Sleep

Press the Sleep button to initiate the sleep mode. In this mode the selected temperature will increase (cooling) or decrease (heating) by $2^{\circ}F / 1^{\circ}C 30$ minutes after the mode is selected. The temperature will then increase (cooling) or decrease (heating) by another $2^{\circ}F / 1^{\circ}C$ after an additional 30 minutes.

Check Filter

Press the Filter button to initiate this feature. This feature is a reminder to clean the air filter for more efficient operation.

Eco - Energy Saver

Press the Eco button to initiate this feature. This feature is available on COOL, DRY, AUTO, (only AUTO-COOLING and AUTO-FAN) modes. The fan will continue to run for 3 minutes after the compressor shuts off.

To Select the Operating Mode

To choose operating mode, press the Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry, Heat (on some models) and Fan only. The indicator light above will be illuminated and remain on once the mode is selected.

The unit will initiate the Energy Saver function under Cool, Dry, Auto (only Auto-Cooling and Auto-Fan) modes.

To Operate on Auto Feature:

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (on some models) or fan only operation depending on what temperature you have selected and the room temperature.
- The air conditioner will control room temperature automatically to the temperature set point.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.

Timer: Auto Start / Stop

- When the unit is on or off, first press the Timer button, the TIMER ON indicator light illuminates. It indicates the Auto Start program is initiated.
- When the time of TIMER ON is displayed, press the Timer button again, the TIMER OFF indicator light illuminates. It indicates the Auto Stop program is initiated.
- Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.

For some models, the fan speed can not be adjusted under HEAT mode. In DRY mode, the fan speed is controlled at low automatically.

This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be cancelled at any time during operation by pressing the Sleep button again.

The LED (light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Filter button and the light will go off.

The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and Cooling starts.

To Operate on Fan Only:

- Use this function only when cooling is not desired. You can choose any fan speed you prefer.
- During this function, the display will show the actual room temperature, not the set temperature in the cooling mode.
- In Fan only mode, the temperature is not adjustable.

To Operate on Dry Mode:

In this mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.

- The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on. (When the unit is off, there is no display.)
- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop timed program.

Using the Air Conditioner - Features

Additional Features

The "Cool" circuit has an automatic 3 minute delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.

There is a 2 second delay for the compressor to stop when selecting FAN ONLY/HEAT. This is to cover the possibility

Air Direction

Air directional louvers control air flow direction.

The louvers will allow you to direct the air flow up or down and left or right throughout the room as needed until the desired left/right direction is obtained. Pivot horizontal louvers until the desired up/down direction is obtained. of having to roll through to select another mode.

The control will maintain the set temperature within 1°F between 62°F and 86°F in cool or heat mode (on some models).

After a power outage, the unit will remember last setting and return the unit to that setting when power is restore.



Ventilation

To open the ventilation port, remove the adjustable air discharge louvers by gently pulling forward the right end until it is released from the pivot point. Shift the louvers to the right to release the left end from its pivot point. To open the ventilation port, pull the lever forward. The lever will lock in place. To replace the air discharge louvers, reverse the above procedure



Remote Wall Thermostat (Heat/Cool models only)

All heat/cool models are capable of being controlled by a 24 VAC remote wall thermostat. The thermostat control connection board is located behind a metal cover on the right side of the metal chassis cover. To open the cover, remove the Phillips head screw and lift from the slots at the bottom. To properly connect the wiring from a remote wall thermostat, follow these steps:

- 1. Order the 8-pin connector from GE Appliances Service. Call 1-800-626-2002 and order WP26X24981. A connector is required for each unit being controlled by a wall thermostat
- 2. Install the remote thermostat according to the directions included with it.
- 3. Using wire nuts included with the 8-pin connector, connect the wiring from the wall thermostat per the following; (Proper connection of the wiring is critical. Improper hookups could result in damage to the air conditioner components and may not be covered by the product warranty) After properly making the wire nut connections, wrap the 7 connectors together with electrical tape and push them into the lower right corner of the control box opening to keep them out of the way.

Connector Wire Color Codes	Thermostat Connections
Black	—Common
White	—Electric Heater
Yellow	—Compressor
Blue	—B terminal (heatpump models only)
Green	—Fan High
Tan	—Fan low
Red	—24 VAC

Care and Cleaning

Air filter

To access the filter, grasp the front grille louvers on both sides at the recess and pull forward. Remove the filter by lifting up and out. Note the filter direction when re-installing.

Wash the filter using liquid dishwashing detergent and warm water. Rinse the filter thoroughly. Gently shake

Energy Saving Note

In order to reach maximum energy saving and comfort, it is recommended to use a cover to insulate the unit when the unit is not in use. The recommended cover size for the unit is 26" x 17" x 5" (W x H x D).

excess water from the filter.

Be sure the filter is thoroughly dry before replacing. Or, instead of washing, you may vacuum the filter until clean.

NOTE: Never use hot water over 104°F (40°C) to clean the air filter. Never attempt to operate the unit without the air filter.

NOTE: Unplug the unit before installing a cover.

Cabinet

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly with a damp cloth and wipe dry.
- · Never use harsh cleaners, wax, or polish on the cabinet front.
- · Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.

• If they are clogged with dirt or soot, they may need to

be professionally cleaned, a service available through

• Plug in the air conditioner.

Outdoor Coils

• The coils on the outdoor side of the air conditioner should be checked regularly.

GE Appliances service or other service companies. How to Insert the Batteries in the Remote Control

1. Remove the battery cover by rotating it to the unlock position.

- 2. Insert a new battery, making sure that the (+) and (-) of the battery are installed correctly, (+) side up.
- 3. Reattach the cover by rotating it back into the lock position.

Front Grille Removal

The front grille can be removed for a more thorough cleaning.

To remove:

- 1. Grasp the front grille louvers on both sides at the recess and pull forward
- 2. Remove the filter by pulling forward and out.
- 3. Grasp the bottom of the grille and carefully pull forward about 1" or until the security brackets limit the travel forward.
- 4. Remove the two Phillips head screws located in the upper corners of the grille louver opening.
- 5. Grasp the left and right rear edges of the grille about 6" from the top and pull outward to release the tabs on the inside of the grille from the slots in each side of

NOTES:

- Use 1 CR2025 (3 VDC) battery. Do not use rechargeable batteries.
- Remove the battery from the remote control if the system is not going to be used for an extended period of time.

the metal chassis cover. When released pull out both bottom corners of the grill while carefully lifting up to release the 4 tabs on the inside top of the grille from the slots in the metal chassis cover

6. To release the multi-pin low-voltage electrical connector from the user interface, press the rear of the tab and gently pull apart.

Front Grille Re-installation:

- 1. Reconnect the multi-pin low voltage connector.
- 2. Before engaging the 4 tabs on the inside top of the grille, align the ventilation lever on the chassis into the mating slot on the inside of the discharge opening in the grille. After ensuring proper alignment of the ventilation lever, push the grille toward the chassis and the tabs should snap into the slots on the metal chassis cover.

Installation Instructions

For more help, visit GEAppliances.com

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** Save these instructions for local inspector's use.
- **IMPORTANT** Observe all governing codes and ordinances.
- Note to Installer Be sure to leave these instructions with the consumer.
- Note to Consumer Keep these instructions for future reference.
- **Skill level** Installation of this appliance requires basic mechanical skills.
- Completion time Approximately 1 hour
- We recommend that two people install this product.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.
- You MUST use proper installation procedures as described in these instructions when installing this air conditioner.

ELECTRICAL REQUIREMENTS

ACAUTION

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

Do not change the plug on the power cord of this air conditioner.

Aluminum house wiring may present special problems—consult a qualified electrician.

Power cord includes a current interrupter device. A **TEST** and **RESET** button are provided on the plug case. The device should be tested on a periodic basis by first pressing the **TEST** button and then the **RESET** button while plugged into the outlet. If the **TEST** button does not trip or if the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

IMPORTANT NOTE

For optimal energy efficiency and performance, we recommend using the RAB26 or the RAB46B wall sleeves with the RAG13A rear grille.

For Existing Wall Sleeves

For Existing Wall Sleeves Note that the air conditioner dimensions are: Width-26" Height-15 ³/₄" Depth-18 ¹/₄" (without front grille) Depth-16" (rear of chassis to rear edge of front grille) Install air conditioner according to these instructions to achieve the best performance. Installing this air conditioner in existing sleeves that do not allow for proper fit or have proper outdoor grilles may affect performance and could void the manufacturer's warranty.

Parts Included

- Security bracket and screws for a 26" wall sleeve (2)
- Remote Control (1)

Security Brackets Installation (It is important to install these brackets to prevent the chassis from being pushed into the room from the outside.)

 The brackets must be installed so the flanges are hooked behind the inside flanges of the wall sleeve. Using the screws provided, attach the brackets on the sides of the chassis.

To install the security bracket without fully removing the front grille:

- 1. Grasp the front grille louvers on both sides at the recess and pull forward.
- 2. Remove the filter by pulling forward and out.
- 3. Remove the two Phillips head screws located in the upper corners of the grille louver opening. Do not discard screws.
- 4. Grasp the left and right rear edges of the front grille about 6" from the top and pull outward to release the tabs on the inside of the grille from the slots in each side of the metal chassis cover. When released pull out both bottom corners of the front grille about 1" to expose the two screw holes on the lower area of the metal chassis cover.
- 5. Locate the 2 metal brackets stamped 26" that were included with the air conditioner. Hook the short flange of the bracket behind the sleeve inside edge and rotate it so the long side can be pressed flat against the metal chassis cover. Adjust so the bracket can be secured to the metal chassis cover by 2 screws included with the bracket. Only one bracket will be needed and can be installed on either side of the chassis.
- 6. To reinstall the front grille, push the lower corners to toward the sleeve until the side tabs click into the mating slots. Reinstall the two screws removed earlier and replace the filter and louvers.

For 26" sleeves, hook the short flange of the 26" bracket behind the sleeve inside edge and secure to the unit with the two screws provided. Repeat on the opposite side.



Troubleshooting Tips... Before you call for service

Problem	Solution
Air conditioner does not start	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Plug current device tripped. Press the RESET button.
	Power is OFF. Turn power ON.
Air from the unit does not feel cold enough	Room temperature below 62°F (17°C). Cooling may not occur until room temperature rises above 62°F (17°C).
	Temperature sensor behind air filter may be touching cold coil. Keep it from the cold coil.
	Set to a lower temperature.
	Compressor stopped when changing modes. Wait for 3 minutes after set to the COOL mode.
Air conditioner cooling, but room is too warm. Ice is forming on cooling coil behind decorative front.	Outdoor temperature below 64°F (18°C). To defrost the coil, set FAN ONLY mode.
	Air filter may be dirty. Clean the filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.
	Thermostat set to cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a higher setting.
	Dirty air filter, or the air is restricted. Clean the air filter. Refer to Care and Cleaning section.
	Temperature is set too high. Set the temperature to a lower setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
	Front of unit is blocked by drapes, blinds, furniture, etc, which restricts air distribution. Clear blockage in front of unit.
	Doors, windows, registers, etc, may be open. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "stored heat" from walls, ceiling, floor, and furniture.
Air conditioner turns on and off rapidly	Dirty air filter, the air is restricted. Clean air filter.
	Outside temperature extremely hot. Set FAN speed to a higher setting to cool outdoor cooling coil.
Noise when unit is cooling	Air movement sound. This is normal. If too loud, set to a slower FAN setting.
	Improper installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions, and check with installer.
Water dripping OUTSIDE when unit is cooling	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Room too cold	Set temperature to low. Increase set temperature.
Error code "AS" in the display	Room temperature sensor error. Unplug the unit and plug it back in. If error repeats, call for service. NOTE: In Fan only mode, it will display "LO" or "HI".
Error code "HS" in the display	Electric heating sensor error. Unplug the unit and plug it back in. If error repeats, call for service.
Error code "•" in the display	Evaporator temperature sensor error. Unplug the unit and plug it back in. If error repeats, call for service.

TROUBLESHOOTING TIPS

GE Appliances Air Conditioner Limited Warranty

All warranty service must be provided by our Factory Service Centers, or an authorized Customer Care[®] technician. To schedule service, visit us on-line at **GEAppliances.com/service**, or call 800.GE.CARES (800.432.2737). Have serial number and model number available when calling for service.

For The Period Of:	GE Appliances Will Replace:
Two Years From the date of the original purchase	GE Appliances Will Replace: Any part of the air conditioner which fails due to a defect in materials or workmanship. During this limited two-year warranty, GE Appliances will also provide, free of charge, all labor and related service to replace the defective part.
Five Years From the date of the original purchase	GE Appliances Will Replace: Any part of the sealed refrigerating system (the compressor, condenser, evaporator, reversing valve, and all connecting tubing) which fails due to a defect in materials or workmanship. During this three-year additional warranty, GE Appliances will also provide, free of charge, all labor and related service to replace the defective part.

What GE Appliances Will Not Cover:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance. If you have an installation problem, or if the air conditioner is of improper cooling capacity for the intended use, contact your dealer or installer. You are responsible for providing adequate electrical connecting facilities.
- Failure of the product resulting from modifications to the product or due to unreasonable use including failure to provide reasonable and necessary maintenance.
- In commercial locations, labor necessary to move the unit to a location where it is accessible for service by an individual technician.

- Replacement of house fuses or resetting of circuit breakers.
- Failure due to corrosion on models not corrosionprotected.
- Damage to the product caused by improper power supply voltage, accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this air conditioner.
- Damage caused after delivery.

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to two years or the shortest period allowed by law.

This limited warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a GE Appliances Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Service location for service. In Alaska, the limited warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: GE Appliances, a Haier company Louisville, KY 40225

Consumer Support

GE Appliances Website

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! You can also shop for more great GE Appliances products and take advantage of all our on-line support services designed for your convenience. In the US: **GEAppliances.com**

Register Your Appliance

Register your new appliance on-line at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material. In the US: **GEAppliances.com/register**

Schedule Service

CONSUMER SUPPORT

Expert GE Appliances repair service is only one step away from your door. Get on-line and schedule your service at your convenience any day of the year. In the US: **GEAppliances.com/service** or call 800.432.2737 during normal business hours.

Extended Warranties

Purchase a GE Appliances extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime. GE Appliances Services will still be there after your warranty expires. In the US: **GEAppliances.com/extended-warranty** or call 800.626.2224 during normal business hours.

Parts and Accessories

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today 24 hours every day. In the US: **GEApplianceparts.com** or by phone at 877.959.8688 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.

Contact Us

If you are not satisfied with the service you receive from GE Appliances, contact us on our Website with all the details including your phone number, or write to:

In the US: General Manager, Customer Relations | GE Appliances, Appliance Park | Louisville, KY 40225 **GEAppliances.com/contact**