Honeywell

EN Portable Local Air Conditioner User Manual Read and save these instructions before use



Model / Modèle / Modello / Modell: HC09CESAWK HC09CESVWK



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SMART PORTABLE LOCAL AIR CONDITIONER WITH WIFI CONNECTIVITY & VOICE CONTROL

For HC09CESVWK only

The Smart Portable Local Air Conditioner has added features to allow you to operate the Air Conditioner remotely using a smart device and to use voice commands through an Amazon Echo and Google Home device to control the unit.

Set up the Honeywell Air Comfort App on your smartphone or tablet to connect the Honeywell Smart Portable Local Air Conditioner for Wi-Fi and Voice Control (only available for Smart Portable Local Air Conditioner models).

1. Download the Honeywell Air Comfort App User Manual from the below link:



http://honeywellaircomfort.com/HCSmartPACAppManual.pdf

2. Download the Honeywell Air Comfort App on your smartphone or tablet.



IMPORTANT: A 2.4 GHz Wi-Fi network is required for proper connection and operation between the Portable Local Air Conditioner and the App. You only need a 2.4 GHz network. It will not connect to a 5 GHz network. However, If you are having trouble connecting to your 2.4 Ghz network and have a 5 GHz network, try temporarily disabling your 5 GHz network.

NOTE: The Smart Portable Local Air Conditioner does not have to be connected to the Honeywell Air Comfort App to function. You can still operate it manually using the unit's control panel.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS. READ CAREFULLY AND KEEP FOR FUTURE REFERENCE. IN CASE THERE IS ANY INCONSISTENCY OR CONFLICT BETWEEN THE ENGLISH VERSION AND ANY OTHER LANGUAGE VERSION OF THE CONTENT OF THIS MATERIAL, THE ENGLISH VERSION SHALL PREVAIL.

WARNING:

- DO NOT operate the unit with a damaged plug or loose wall outlet. 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.
- DO NOT cover the air intake and exhaust when in use.
- DO NOT place objects on or sit on the unit.
- Always turn off and unplug the unit when cleaning or servicing.
- DO NOT use the appliance if it is damaged.
- If service is needed contact an authorized service agent.
- Unplug the unit when stored or not in use.
- DO NOT pull or carry the appliance by the power cord.
- DO NOT pinch the power cord in the door and DO NOT pull it along edges or sharp corners.
- DO NOT run the power cord under carpeting and rugs.
- Use caution to prevent tripping on cord.
- DO NOT use the device in the following cases:
 - Near a fire source
 - In areas where gasoline, paint or other flammable goods are stored
 - In an area where the water can be projected
- DO NOT touch the plug or the device with wet hands.
- Basic safety precautions should always be followed when using electrical appliances.
- This appliance has been manufactured for use in domestic environments and should not be used for other purposes.

- Only use the installation kit provided to install this unit. DO NOT attempt to extend the hose or install this unit using other methods other than that shown in this manual. Improper installation will void any existing warranties.
- DO NOT use an extension cord with this unit.
- 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 unless they are older than 8 and supervised.
- Never insert your fingers or rods into the air outlet. Take special care to warn children of these dangers.
- The manufacturer is not liable for injury caused to persons or property damage due to non-compliance with maintenance instructions and improper use of the appliance.
- The appliance shall be installed in accordance with national wiring regulations.
- The appliance is not to be used 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Electrical equipment and installations regulated by national legislation must be followed.
- The appliance should be transported upright.
- DO NOT turn on the appliance for at least one hour before starting it.
- It is essential that the appliance is connected to an efficient ground connection checked by a qualified electrician.

- Stagnation of possible leaks of refrigerant gas in unventilated rooms could lead to fire or an explosion hazard should the refrigerant come in contact with electric heaters, stoves or other sources of ignition.
- Use care when storing the appliance to prevent mechanical faults.
- Only persons authorized by an accredited agency certifying their competence to handle refrigerants in compliance with sector legislation should work on refrigerant circuits.
- DO NOT use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- Flammable substances or pressurized containers (eg. aerosol cans) should be kept a minimum of 50cms away from heat or fire.
- Use only implements recommended by the manufacturer for defrosting or cleaning.
- DO NOT operate your air conditioner in a wet room such as a bathroom or laundry room.
- This appliance should be used in a room that allows for good ventilation between the unit and any walls/furniture or other objects. The room size should correspond to the room area as specified for operation by the manufacturer and the appliance should be well kept to prevent mechanical damage.
- A warning to keep ventilation openings clear of obstruction.
- Do not pierce or burn the refrigerants.
- Be aware that refrigerants may not contain an odor.
- Do not modify this appliance in any way to avoid danger.
- All working procedure that affects safety means shall only be carried by competent persons.
- 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.

R290 SAFETY

SYMBOL	NOTE	EXPLANATION
R290	WARNING	This symbol shows that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available, such as the operating manual or installation manual.

Additional warnings for appliances with R290 refrigerant gas.

- Read the instruction carefully before using the appliance.
- R290 refrigerant gas complies with EN60335-2-40.
- This appliance contains a certain number of grams (see rating label at the back of the unit) of R290 refrigerant gas. The maximum refrigerant charge amount is not greater than R290 0.304kg based on EN60335-2-40.
- When defrosting or cleaning, do not use any method other than those recommended by the manufacturer.
- Do not place the appliance in a room with continuous sources of ignition (e.g. open flame, operating gas appliance or working electrical heater).
- Do not pierce and do not burn.
- Do not perforate any part of the refrigerant circuit.
- Refrigerant gas may be odorless.
- The appliance must be installed, used and stored in an area that is greater than R290 gas: 12 m².
- The minimum rated airflow is 280 m³/h.
- Accumulation of possible refrigerant leaks in an unventilated room could lead to fire or explosion should the refrigerant come in contact with electric heaters, stoves or other sources of ignition.
- The appliance must be stored in a way to prevent mechanical damage and in a well-vented area.
- Only individuals authorized by an accredited organization certifying their competence to handle refrigerants in compliance with industry legislation should work on the refrigerant circuit.
- Servicing shall be performed only as recommended by the manufacturer. Maintenance should only be done by professionals.
- All working procedure that affects safety means shall only be carried by competent persons.



Repair must be performed based on the recommendations from the manufacturer. Maintenance and repair that requires the assistance of other qualified personnel must be performed under the supervision of specialists in the use of flammable refrigerants.

Transportation, marking, and storage for units.

- 1. Transport of equipment containing flammable refrigerants must comply with local transport regulations.
- 2. Marketing of equipment using signs must comply with local regulations.
- 3. Disposal of equipment using flammable refrigerants must comply with national regulations.
- 4. The storage of equipment should be in accordance with the manufacturer's instructions.
- 5. Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge.

The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

6. Compliance with national gas regulations should be observed.



This marking indicates that this product should not be disposed with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling. Congratulations on your purchase of this Honeywell Portable Local Air Conditioner.

Regarding the information pertaining to the installation, handling, servicing, cleaning, and disposal of the appliance, please refer to the below section of the manual.

USER TIPS

Portable Local Air Conditioner are ideal for spot cooling. The compressor, condenser, and evaporator are housed in a compact unit. The air is dehumidified and cooled while a flexible Hose sends heat outside. The air conditioner includes a window venting kit. No permanent installation is needed. The unit is easy to move from room to room and offers a truly flexible air conditioning solution.

Auto Evaporation System - The unit automatically evaporates the condensate through the Hose. There is no need to empty the drainage tank except in very humid conditions.

To ensure optimal efficiency of the product, keep doors and windows closed when it is used as an air conditioner or dehumidifier. If the product is being used with the Fan function only, an open window could improve air circulation.



Important:

Before installing the unit, place it UPRIGHT for 1 hour before use to allow the refrigerant to stabilize. Manually adjust the air vent located at the front of the unit to adjust the direction of airflow.

- Follow installation instructions to set up the unit.
- Plug the unit into a properly grounded circuit. DO NOT plug into an extension cord.

PARTS DESCRIPTION



1) Air Outlet

7) Power Supply Cord

- 2) Control Panel
- 3) Handle
- 4) Casters
- 5) Dust Filter
- 6) Remote Control

- 8) Upper Grill
- 9) Exhaust Outlet
- 10) Lower Grill
- 11) Lower Drain Plug

INSTALLATION THROUGH A WINDOW

It is important that the installation instructions below are followed for successful installation of this Portable Local Air Conditioner. Please call Customer Support if you have any difficulties or questions regarding these installation procedures.



2	Unit Connector
∠.	Unit Connector

3. Nozzle Connector

(1 Set) 4. Exhaust Hose
 (1 Piece) 5. Flange Fixture + Hole Cover
 (1 Piece) 6. Screws

(1 Piece) (3 Pieces)

Installation Steps:

1. The Unit Connector ② and the Exhaust Hose ④ are pre-assembled inside the package.



Exhaust Hose: Length: 10.6" to 59" (27 cm to 150 cm)

INSTALLATION THROUGH A WINDOW (CONTINUED)

2. Take the above pre-assembled Exhaust Hose and install the Nozzle Connector ③ on the opposite end of the Unit Connector. Twist the Nozzle Connector anti-clockwise.



3. Clip the Nozzle 1 to the Nozzle Connector 3 end of the composite Exhaust Hose that you have assembled in the above steps.



INSTALLATION THROUGH A WINDOW (CONTINUED)

4. Connect the Exhaust Hose to the rear exhaust outlet on the back of the unit. Slide in the Unit Connector from top to bottom.



5. Extend the Exhaust Hose so that the Nozzle rests on the window frame. Close the window as much as possible so that the Nozzle rests tightly through the gap.



If required, your Portable Local Air Conditioner can be installed semi-permanently though a hole in the wall or window.



- 1. Drill a hole through an outside wall or through a window pane. Ensure the MIN/MAX dimensions for the hole size and its position are adhered to. (**Fig. 1** and **Fig. 2**).
- 2. Insert and secure the Flange Fixture + Hole Cover (5) into the newly drilled hole, so that the cap side is facing the room.
- 3. When assembling the Exhaust Hose and Connector, follow step 1, 2 and 4 in the previous "installation through a window" section. Do not connect the Nozzle.
- 4. Fix the Unit Connector end of the assembled Exhaust Hose into the Flange Fixture + Hole Cover
 (5) that was secured on the wall.

Note: When the unit is not in use, remove the Exhaust Hose from the Flange Fixture on the wall and use the included Hole Cover to cover the hole in the wall.







In the wooden kickboard of a french window

In the wall: we recommend you to insulate the section of wall using suitable insulation materials



SEMI-PERMANENT INSTALLATION (CONTINUED)

IMPORTANT: Do not replace or lengthen the Exhaust Hose as this could cause the unit to malfunction and will void your warranty.



MINIMUM AIR SPACE

WARNING: Any warranties included with this product will be voided if an extra extension hose is used in addition to the one provided or if the installation is performed differently than the manufacturer's instructions without proper consultation. Please contact Customer Support for help with installation procedures if needed.

- The maximum installation height of the Flange Fixture + Hole Cover is 40" (102 cm), whilst the minimum installation height is 14" (36 cm)
- The supplied Exhaust Hose has a diameter of 5.9" (15 cm) and can be extended from 10.6" to 59" (27 cm to 150 cm).
- Do not bend (to the extent shown above) the Exhaust Hose. A bent hose will block exhaust air and cause the unit to malfunction or shut off.
- Make sure the back of the unit is at least 31.5" (80 cm) away from the wall and the minimum air space from top/front/left/right is 20" (50 cm). Do not place the unit in front of curtains or drapes as this could obstruct the airflow.

USE & OPERATION

CONTROL PANEL



- 1) Power Control
- 2) Swing Control
- 3) Fan Speed Control
- 4) Timer/Temperature Set Controls
- 5) Mode Control
- 6) Timer Control
- 7) Water Full Light
- 8^) Wi-Fi Connectivity and Voice Activated Light

^THIS IS ONLY FOR MODEL HC09CESVWK

NOTE: For detailed instructions to set up your Portable Local Air Conditioner for connected operation from your smartphone or tablet, a separate user manual can be downloaded at:



http://honeywellaircomfort.com/HCSmartPACAppManual.pdf

FUNCTION BUTTONS

POWER CONTROL ()

The Power Control turns the unit on and off.

SWING CONTROL igtrianglephi

Press the \triangle button on control panel to activate automatic oscillation of louvers. Press the \triangle button again to stop the swing when louvers have reached your desired angle.

Note: In order to avoid damaging the internal mechanisms, the louvers must not be moved manually. **Note:** After switching the air conditioner off, you must wait 3 minutes before switching it back on.

FUNCTION BUTTONS (CONTINUED)

FAN SPEED CONTROL 🐣

2 settings: Low and High .

TEMPERATURE CONTROLS

- Used for adjusting the room temperature.
- The default display is room temperature.
- In cooling mode, when + or button is pressed, the set temperature is displayed and may be adjusted. After a few seconds the display will revert back to room temperature. Temperature is only adjustable in Cool mode.

Note: By pressing both + and - buttons at the same time, the display will toggle between Fahrenheit (°F) and Celsius (°C).

MODE CONTROL

Settings: Air Conditioning, Dehumidifying, Fan. The corresponding indicator light will illuminate to indicate the current mode setting.

- Air Conditioning Mode (COOL) Adjust fan speed and air temperature to suit your desired comfort level. Temperature setting range is 61°F - 89°F (16°C - 32°C).
- Dehumidifying Mode (DRY) 🗘

Air is dehumidified as it passes through the unit without being in full Cooling mode. If room temperature is higher than 77°F (25°C), fan speed can be adjusted. Otherwise, fan speed is preset to LOW.

Note: If the unit will be used mainly as a dehumidifier, do not connect the exhaust hose. Continuous drainage is then necessary (refer to Continuous Draining for Dehumidifier Mode).

• Fan Mode & For air circulation without air conditioner cooling.

FUNCTION BUTTONS (CONTINUED)

TIMER CONTROL

AUTO TURN OFF:

While unit is running, press the \bigcirc first and then the display will flash. While the display is flashing, press the + or - button to select the number of hours after which you want the unit to turn OFF automatically.

AUTO TURN ON:

When the unit is in standby mode, press the 🕥 button first and then press the + or - button to select the number of hours until you want the unit to automatically start running.

Note: The time is adjustable between 1 - 24 hours.

WATER FULL LIGHT 🖂

Condensate may accumulate in the unit. If the internal tank becomes full, the Water Full Light 🔄 will flash and beep 10 times. The unit will not operate until the tank has been drained (refer to the "Water Condensate Drainage" section)

After switching the air conditioner off, you must wait 3 minutes before switching it back on again.

WI-FI MODE^ 🛜

When the Smart Portable Local Air Conditioner is connected to the wifi function, the 奈 indicator light will be illuminated.

^THIS IS ONLY FOR MODEL HC09CESVWK

REMOTE CONTROL

The functions work the same as the Portable Local Air Conditioner's Control Panel. All key functions can be accessed from the Remote Control.



Note:

• Battery Installation: Remove the cover on the back of the Remote Control and insert two AAA batteries with + and - pointing in the proper direction according to the polarity markings.



Caution:

- Use only two AAA or IEC RO3 1.5V batteries.
- Remove the batteries if the Remote Control is not in use for a month or longer.
- All batteries should be replaced at the same time. Do not mix with old batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Properly dispose of used batteries.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: • Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- · Consult the retailer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Appliance Maintenance:

- 1. Turn off the appliance before disconnecting the power supply.
- 2. Only clean the appliance with a soft, dry cloth.

Dust Filter Maintenance:

The Dust Filter is to be cleaned every two weeks to maintain air cooling efficiency. Please follow the below instructions for cleaning the Dust Filter:

- 1. Turn off the appliance and pull the Dust Filter out slowly.
- 2. Rinse in lukewarm water. After cleaning, dry in a cool, shaded place, then reinstall.



End of Season Storage & Maintenance:

If the appliance will not be used for a long time, follow these steps:

- 1. Be sure to drain the leftover water condensate. Remove the lower drain plug and use a shallow pan to collect the water (make sure to replace the drain plug when finished).
- 2. To dry excess moisture, run the unit in Fan-only mode for 30 minutes before storing.
- 3. Turn off and unplug the air conditioner from the power supply.
- 4. Remove the Dust Filter and clean with water. Dry the Dust Filter and then reinstall.
- 5. Disconnecting the Window Installation Kit:
 - Remove the Hose from the unit by pulling up slowly.
 - Remove the hose from the Exhaust Hose Nozzle by rotating counter-clockwise then pulling away.
 - It is recommended to store the hose and connetors in a bag together with the Remote Control and place them together with the air conditioner unit.
 - If needed, you can clean the hose and connetors with a damp cloth before storing. Make sure all parts of the hose and connetors are dry before storage.
- 6. Cover the air conditioner with a cloth/plastic bag before storage to protect from scratches and dust collecting on the surface of the unit.
- 7. It is recommended to coil the power cord before storing to ensure the cord is protected from dents and creases.
- 8. Store the air conditioner in a cool, dry place away from direct sunlight.

WATER CONDENSATION DRAINAGE

When there is excess water condensate inside the unit, the air conditioner stops running and the Power Control button flashes with a red light. This warning light indicates that the water condensate needs to be drained using the following procedures:

Manual Draining in Cooling and Dehumidifying Modes

Water may need to be drained in high humidity areas.

- 1. Unplug the unit from power source.
- 2. Place a shallow pan under the lower rubber drain plug. See diagram.
- 3. Remove the lower rubber drain plug.
- 4. Water will drain out and collect in the shallow pan.
- 5 After the water is drained, replace the lower rubber drain plug firmly.
- 6 You can now turn on the unit

If you find that there is a high volume of condensate and a shallow pan is not enough for your use, you can use a large pan to drain. Follow the below instructions carefully:

Plastic Cap and Lower Drain Plug

- 1. Find a flat, stable board that is up to 1" thick. The base could be a wooden board purchased from your local hardware store, with minimum base dimensions of 20" (length) x 17" (width) x 1" (thickness).
- 2. The base should be large and sturdy enough to fit the Portable Local Air Conditioner on top. The air conditioner must be stable and not rock or move when positioned on this base and not easily topple over.
- 3. Drain the water from the lower drain plug as needed into a larger pan or through a drain tube. If using a drain tube, you can purchase vinyl tubing with an outside diameter of 5/8" and an inside diameter of 1/2". Remember the drain tube must be positioned lower than the drain plug so the water condensate does not flow backward back into the air conditioner.

Plastic Cap and Lower Drain Plug Large Pan Wooden Board (Not included) Height: up to 1"

WARNING: For safety reasons, the Portable Local Air Conditioner must NOT be positioned on a base that is higher than 1" from the floor. This is only recommended if you have a stable, flat base to position the Portable Local Air Conditioner on safely.





Shallow Pan (Not included)

Continuous Draining in Dehumidifier Mode

While using the unit in Dehumidifier mode, continuous drainage is recommended.

- 1. Unplug the unit from power source.
- Remove the lower rubber drain plug. Some residual water may spill so please have a pan to collect the water.
- 3. Connect the drain connector to a 3/4" hose or standard garden hose (not included).
- 4. The water can be continuously drained through the drain tube into a floor drain or down drain.
- 5. When draining is complete, remove the tube and replace the drain plug. See diagram.
- 6. You can now turn on the unit.



IMPORTANT: It is NOT recommended to connect the drain hose for continuous drainage while the unit is switched ON in Air Conditioning Cooling mode. Doing so can reduce the cooling efficiency of the Portable Local Air Conditioner. Only drain the water condensate when the unit is switched off. Continuous drainage is only suitable when the unit is set up in Dehumidifier mode.

A longer drain hose or not enough height difference from drain plug to floor can reduce the water drainage.

TROUBLESHOOTING GUIDE

The following troubleshooting guide addresses the most common problems. If problems persist, call Customer Support. Unplug and disconnect the appliance from the power source before attempting to troubleshoot.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unit does not start	No electricity.	Check for power.
	Batteries in the Remote Control need to be replaced.	Change Remote Control batteries.
	The power cord is not properly plugged in.	Remove and reconnect the power cord.
Unit runs a short while only	The thermostat temperature setting is too close to room temperature.	Lower the set temperature.
	Air outlet is blocked.	Make sure the exhaust hose is properly connected and check there are no objects blocking the air outlet.
	There are tight bends in the air Exhaust Hose.	Connect Exhaust Hose as per instructions on Page 3.
Unit runs but is not cooling	A door or window is open.	Make sure the window or door is closed.
	The Dust Filter is dirty.	Clean the Dust Filter.

TROUBLESHOOTING GUIDE (CONTINUED)

PROBLEM	POSSIBLE CAUSE	SOLUTION
	The Hose is detached.	Reinstall Hose properly (refer to Installation section).
	Temperature setting is too high.	Reduce temperature setting on control panel.
Unit runs but is not cooling	Air outlet or intake is blocked.	Remove blockage.
	Room exceeds recommended size.	Move unit to smaller room.
	Large size or number of windows are decreasing cooling effectiveness.	Cover windows with curtains or blinds.
Unit will not run and Power button is blinking (water full indicator)	Excess water condensate inside the Tank.	Drain the water (refer to Water Condensation Drainage).

ERROR CODE GUIDE

ERROR CODE	ERROR POSSIBLE CAUSE
"E1"	Temperature sensor open circuit/short circuit.
"E2"	Copper tube sensor open circuit/short circuit.
"Lo"	Temperature is below 32°F (-9°C).
"Hi"	Temperature is over 99°F (50°C).