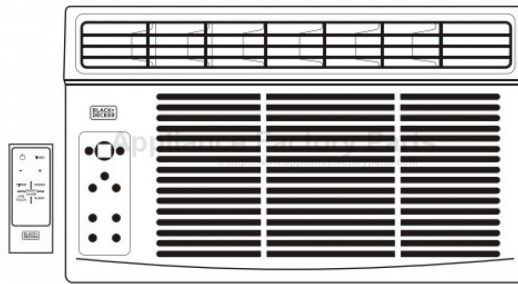


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# Black & Decker BD145WT Owner's Manual

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----- Manual continues below -----

# BLACK+ DECKER™

## ELECTRONIC WINDOW AIR CONDITIONER INSTRUCTION MANUAL

CATALOG NUMBER

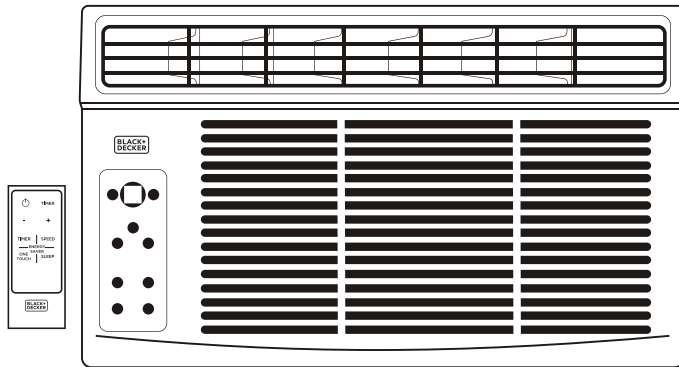
BD06WT

BD08WT

BD10WT

BD12WT

BD145WT



Thank you for choosing BLACK+DECKER!

**PLEASE READ BEFORE RETURNING THIS PRODUCT FOR ANY REASON.**

If you have a question or experience a problem with your BLACK+DECKER purchase, go to [www.blackanddecker.com/instantanswers](http://www.blackanddecker.com/instantanswers)  
If you can't find the answer or do not have access to the Internet, call 844-299-0879 from 10:30 a.m. to 6:30 p.m. EST Mon. - Fri. to speak with an agent. Please have the catalog number available when you call.

**SAVE THIS MANUAL FOR FUTURE REFERENCE.**

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# PRODUCT REGISTRATION

Thank you for purchasing our BLACK+DECKER product. This easy-to-use manual will guide you in getting the best use of your heater.

Remember to record the model and serial numbers. They are on a label on the rear.

\_\_\_\_\_

Model number

\_\_\_\_\_

Serial number

\_\_\_\_\_

Date of purchase

Staple your receipt to your manual. You will need it to obtain warranty service.

# SAFETY INFORMATION

## **DANGER**

**DANGER** - Immediate hazards which **WILL** result in severe personal injury or death

## **WARNING**

**WARNING** - Hazards or unsafe practices which **COULD** result in severe personal injury or death

## **CAUTION**

**CAUTION** - Hazards or unsafe practices which **COULD** result in minor personal injury

# IMPORTANT SAFETY INSTRUCTIONS

## **WARNING**

When using electrical appliances, basic safety precautions should be followed, including the following:

1. Air conditioner must be connected to proper electrical outlet with the correct electrical outlet with the correct electrical supply.
2. Proper grounding must be ensured to reduce the risk of shock and fire. **DO NOT CUT OR REMOVE THE GROUNDING PRONG.** If you do not have a three-prong electric receptacle outlet in the wall, have a certified electrician install the proper receptacle. The wall receptacle **MUST** be properly grounded.
3. Do not operate air conditioner if power cord is frayed or otherwise damaged. Avoid using it if there are any cracks or abrasion damage along the length, plug connector or if the unit malfunctions or is damaged in any manner. Contact an authorized service technician for examination, repairs or adjustments.
4. **DO NOT USE AN ADAPTER OR AN EXTENSION CORD.**
5. Do not block airflow around the air conditioner.
6. Always unplug the air conditioner before servicing it or moving it.
7. Do not install or use the air conditioner in any area where the atmosphere contains combustible gases or where the atmosphere is oily or sulphurous. Avoid any chemical coming in contact with your air conditioner.
8. Do not place any object on the top of the unit.
9. Do not use the air conditioner near a bathtub, shower or wash basin.
10. This appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities or lack of experience & knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
11. Children should be supervised to ensure that they do not play with the appliance.
12. 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.
13. The air conditioner shall be installed in accordance with national wiring regulations.

## SAVE THESE INSTRUCTIONS HOUSEHOLD USE ONLY

# SAFETY INFORMATION

## **WARNING**

### **BATTERY INFORMATION**

#### **KEEP OUT OF REACH OF CHILDREN.**

Swallowing may lead to serious injury or death. Severe burns can occur within 2 hours of ingestion. Immediately see a doctor and have the doctor phone (202) 625- 3333 collect. Keep in original package until ready to use. Dispose of used batteries immediately. Risk of injury due to fire, explosion or leakage. Do not disassemble, charge, crush or expose to fire or high temperatures.

#### **LITHIUM COIN CELL SAFETY NOTICE:**

Keep lithium coin batteries out of the reach of small children; coin cell batteries can be accidentally ingested. If ingested, these batteries may leak harmful contents causing chemical burns, perforation of soft tissue, and in severe cases may cause death. Lithium coin batteries must be removed immediately if swallowed. Seek medical attention immediately. If you or your doctor suspects that a battery has been ingested for assistance in the US call the NATIONAL BATTERY INGESTION HOTLINE any time at (202) 625-3333; in Canada call 416-813-5900.

- In order to prevent unnecessary battery drain, do not store anything on the unit.
- Do not dispose of batteries in fire. Batteries may explode or leak.
- Remove the battery if the remote is not used for a long period of time.

**SAVE THESE INSTRUCTIONS**  
**HOUSEHOLD USE ONLY**

# SAFETY INFORMATION

## GROUNDING INSTRUCTIONS

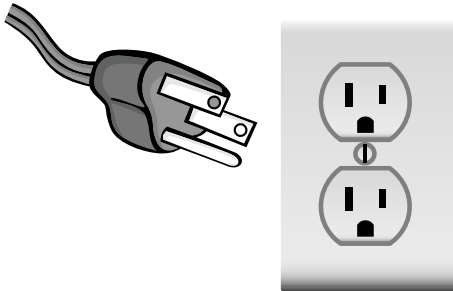
### ELECTRICAL REQUIREMENTS

In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. The appliance must be connected to a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

**⚠ DANGER** - Improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment grounding conductor. If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or service person if the grounding instructions are not completely understood, or if in doubt as to whether the appliance is properly grounded. Do not modify the plug connected to the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

FOR GROUNDED, CORD-CONNECTED APPLIANCE RATED  
LESS THAN 15A AND INTENDED FOR USE ON A NOMINAL 120V  
SUPPLY CIRCUIT

The appliance is for use on a nominal 120V circuit and should be connected to a grounding outlet that looks like the one illustrated below. The use of a temporary adaptor is not recommended.



# SAFETY INFORMATION

## LCDI POWER CORD AND PLUG

This air conditioner is equipped with an LCDI (Leakage Current Detection and Interruption) power cord that is required by UL. This power supply cord contains state-of-the-art electronics that sense leakage current. If the cord is damaged and leakage occurs, power will be disconnected from the unit.

The test and reset buttons on the LCDI Plug are used to check if the plug is functioning properly.

**⚠ WARNING:** Test LCDI before each use.

To test the plug:

1. Plug power cord into a grounded 3 prong outlet.
2. Press RESET (on some units a green light will turn on).
3. Press the TEST button, the circuit should trip and cut all power to the air conditioner (on some units a green light may turn off).
4. Press the RESET button for use. You will hear a click and the A/C is ready for use.
5. The power supply cord must be replaced if it fails to trip when the TEST button is pressed and the unit fails to reset.

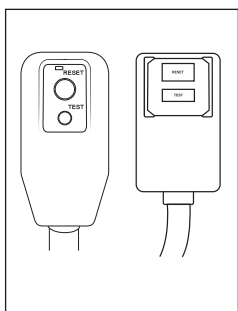
### NOTES:

- The RESET button must be engaged for proper use.
- Do not use the power supply cord as an ON/OFF switch. The power supply cord is designed as a protective device.

**⚠ CAUTION:** A damaged power supply cord must be replaced with a new power supply cord.

- The power supply cord contains new user serviceable parts. Opening the tamper-resistant case voids all warranty and performance claims.

**NOTE:** Your units power cord and plug may differ from the one shown.



### **⚠ WARNING – RISK OF FIRE**

It is important the plug fits tightly into the wall outlet. If the plug does not fit securely and appears loose, it should not be used. Have a licensed electrician replace the receptacle.

# SAFETY INFORMATION

## WARNING

### SAFETY GUIDELINES

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage.

ALWAYS DO THIS	NEVER DO THIS	ENERGY SAVE
<ul style="list-style-type: none"><li>• Your air conditioner should be used in such a way that it is protected from moisture. e.g. condensation, splashed water, etc. Do not place or store your air conditioner where it can fall or be pulled into water or any other liquid. Unplug immediately.</li><li>• Always transport your air conditioner in a vertical position and stand on a stable, level surface during use.</li><li>• Turn off the product when not in use.</li><li>• Always contact a qualified person to carry out repairs. If the supply cord is damaged it must be repaired by a qualified technician.</li><li>• Keep an air path of at least 12 inches. all around the unit from walls, furniture and curtains.</li><li>• If the air conditioner is knocked over during use, turn off the unit and unplug from the power supply immediately.</li><li>• Always use the switch on the control panel to start or shut off the unit.</li></ul>	<ul style="list-style-type: none"><li>• Do not operate your air conditioner in a wet room such as a bathroom or laundry room.</li><li>• Do not touch the unit with wet or damp hands or when barefoot.</li><li>• Do not press the buttons on the control panel with anything other than your fingers.</li><li>• Do not remove any fixed covers. Never use this appliance if it is not working properly, or if it has been dropped or damaged.</li><li>• Never use the plug to start and stop the unit.</li><li>• Do not cover or obstruct the inlet or outlet grilles.</li><li>• Do not use hazardous chemicals to clean or come into contact with the unit. Do not use the unit in the presence of inflammable substances or vapor such as alcohol, insecticides, gasoline, etc.</li><li>• Do not allow children to operate the unit unsupervised.</li><li>• Do not use this product for functions other than those described in this instruction manual.</li></ul>	<ul style="list-style-type: none"><li>• Use the unit in the recommended room size. 6,000 BTU up to 200 sq. ft. 8,000 BTU up to 300 sq. ft. 10,000 BTU up to 350 sq. ft. 12,000 BTU up to 400 sq. ft. 14,500 BTU up to 500 sq. ft.</li><li>• Locate the unit where furniture cannot obstruct the air flow.</li><li>• Keep blinds/curtains drawn.</li><li>• Keep the filters clean.</li><li>• Keep doors and windows closed to keep cool air in and warm air out.</li></ul>

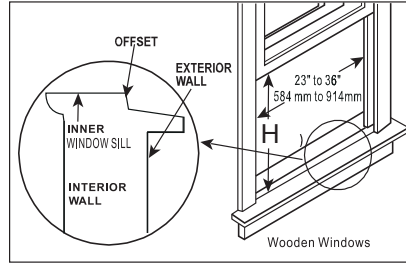
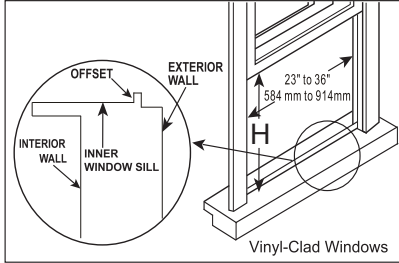
# SET UP & USE

**NOTE:** All the illustrations in this manual are for explanation purpose only. The air conditioner you have may be slightly different.

## WINDOW REQUIREMENTS:

Your air conditioner is designed to install in standard double hung windows with opening widths of 23 to 36 inches (584mm to 914mm) .






BD06WT: 14"(330mm)    BD08WT BD10WT BD12WT BD145WT: 15 1/2" (394mm)



## ⚠ WARNING

- 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 the air conditioner.
- Aluminum house wiring may present special problems- consult a qualified electrician.
- When handling unit, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils.

## SUGGESTED TOOLS FOR INSTALLATION (Not included)

- Screwdriver (Phillip & Flat) 
- Level 
- Pencil 
- Ruler or tape measure 
- Scissors or knife 

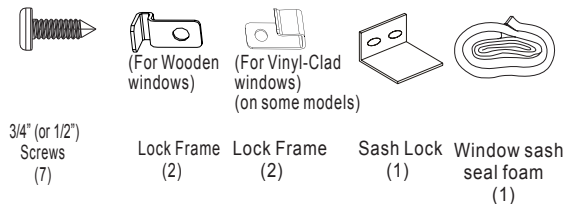
**NOTE:** Save Carton and Installation Instructions for future reference. The carton is the best way to store unit during winter or when not in use.

# SET UP & USE

## PREPARE THE WINDOW

Lower sash must open sufficiently to allow a clear vertical opening of 13 inches (330mm). Side louvers and the rear of the AC must have clear air space to allow enough airflow through the condenser, for heat removal. The rear of the unit must be outdoors, not inside a building or garage.

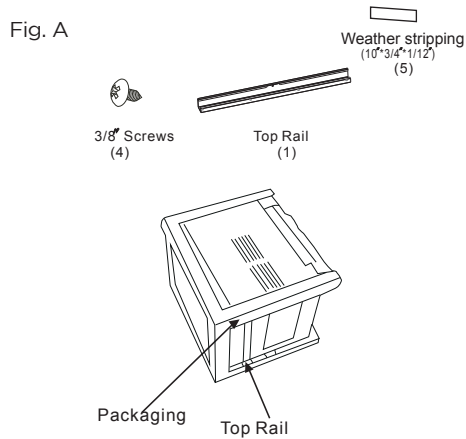
### MOUNTING HARDWARE



## PREPARE AIR CONDITIONER

- A: Remove the air conditioner from the carton and place on a flat surface. Use 2 people to lift.
- B: Remove top rail from the packaging material as shown in Fig. A.

### TOP RAIL HARDWARE

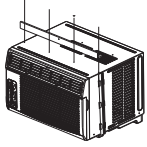


This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested 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 the 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: a) Reorient or relocate the receiving antenna. b) Increase the separation between the equipment and the receiver. c) Connect the equipment into an outlet different from that which the receiver is connected. d) Consult the dealer or an experienced radio/TV technician for help.

# SET UP & USE

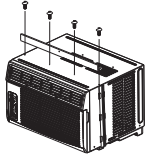
C: Align the holes in the top rail with those in the top of the unit as shown in Fig. B

Fig. B



D: Secure the top rail to the unit with the 3/8 Screws as shown in Fig. C.

Fig. C



**WARNING:** For safety reasons, all four (4) screws MUST be securely fastened.

**NOTE:** Before installing unit, the top rail must be assembled on the unit.

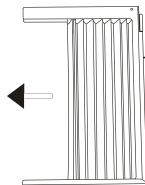
## INSTALL THE ACCORDION PANELS

**NOTE:** Top rail and Sliding Panels at each side are offset to provide the proper pitch to the rear of (5/16).

This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained.

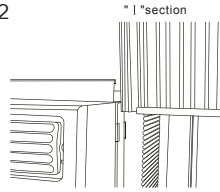
A. Place unit on floor, a bench or a table. Hold the Accordion Panel in one hand and gently pull back the center to free the open end. See Fig.1

Fig. 1



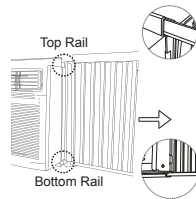
B. Slide the free end "I" section of the panel directly into the cabinet as shown in Fig. 2. Slide the panel down. Be sure to leave enough space to slip the top and bottom of the frame into the rails on the cabinet.

Fig. 2



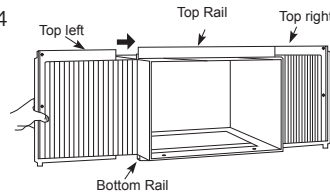
C. Once the panel has been installed on the side of the cabinet, make sure it sits securely inside the frame channel by making slight adjustments. Slide the top and bottom ends of the frame into the top and bottom rails of the cabinet. Fig. 3.

Fig. 3



D. Slide the panel all the way in and repeat on the other side.

Fig. 4

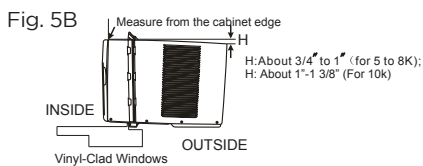
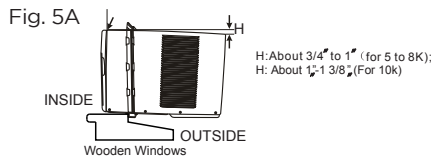


**NOTE:** If storm window blocks AC, see Fig. 11.

# SET UP & USE

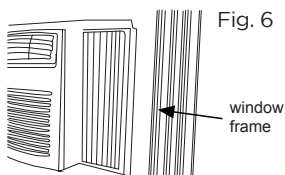
## SECURE THE ACCORDION PANELS

A. Using 2 people, keep a firm grip on the air conditioner, carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig. 5A and Fig. 5B). Carefully close the window behind the top rail of the unit.



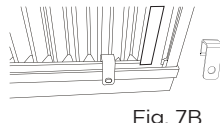
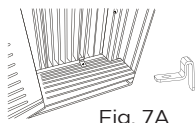
**NOTE:** Check that air conditioner is tilted back about H (Fig. 5A and Fig. 5B) (tilted about 30 to 40 downward to the outside). After proper installation, condensate should not drain from the overflow drain hole during normal use, correct the slope otherwise.

B. Extend the side panels out against the window frame (Fig. 6).



## INSTALL SUPPORT BRACKET

A. Place the frame lock between the frame extensions and the window sill as shown (Fig. 7A for Wooden windows), (Fig. 7B for Vinyl-Clad windows).



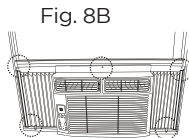
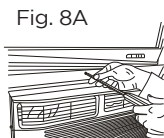
## DRIVE LOCKING SCREWS FOR WOODEN WINDOWS:

Drive 1/2 (12.7 mm) locking screws through the frame lock and into the sill (Fig. 8A).

**NOTE:** To prevent window sill from splitting, drill 1/8 (3mm) pilot holes before driving screws. Drive 1/2 (12.7mm) locking screws through frame holes into window sash (Fig. 8B).

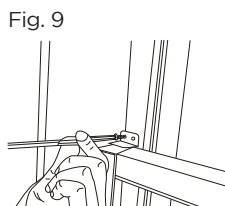
## FOR VINYL-CLAD WINDOWS:

Drive 1/2 (12.7 mm) locking screws through the frame lock and into the window sash (Fig.8B).

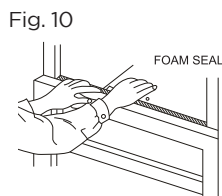


**NOTE:** Before driving the screws, use a drill to drill 5 holes through the holes in the frame lock and frame extensions into the windows sash as shown (Fig. 8B).

C. To secure lower sash in place, attach right angle sash lock with 3/4" (19mm) or 1/2" (12.7mm) screw as shown (Fig.9).



D. Cut Window sash seal foam and insert it in the space between the upper and lower sashes (Fig.10).



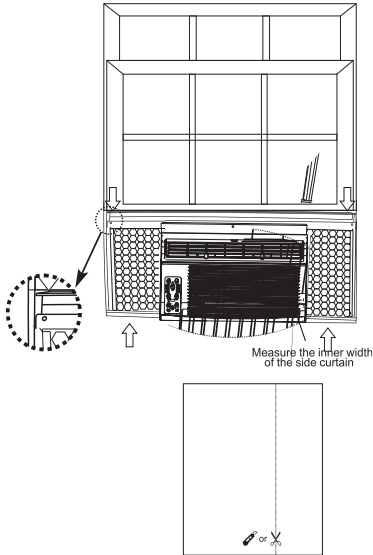
# SET UP & USE

## INSTALL WEATHER STRIPPING

(only be applicable to Energy star models)

In order to minimize air leaks between the room air conditioner and the window opening, trim the weather stripping with a proper length, peel off the protective backing and plug any gaps if needed (Fig.11).

Fig. 11



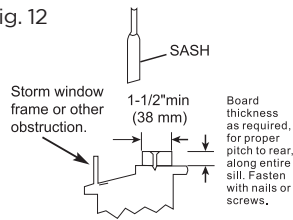
## IF AC IS BLOCKED BY STORM WINDOW

Add wood as shown in Fig.12 or remove storm window before air conditioner is installed. If Storm Window Frame must remain, be sure the drain holes or slots are not caulked or painted shut. Accumulated Rain Water or Condensation must be allowed to drain out.

## REMOVING AC FROM WINDOW

Turn AC off and disconnect power cord. Remove sash seal from between windows and unscrew safety sash lock. Remove screws installed through frame and frame lock. With 2 people, keeping a firm grip on air conditioner, raise sash and carefully remove. Be carefully not to spill any remaining water while lifting unit from window. Store parts WITH air conditioner.

Fig. 12



# SET UP & USE

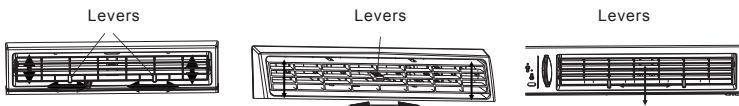
## AIR CONDITIONER FEATURES

- ▲ **WARNING:** To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.
- ▲ **CAUTION:** Please always wait 3 minutes when turning unit off then on again, and when changing from cool to fan and back to cool. This prevents compressor from overheating & possible circuit breaker tripping.

**To begin operating the air conditioner, follow these steps:**

1. Set the thermostat to the highest number (coldest or cooler setting).
2. Set the selector control to the highest COOL setting.
3. Adjust the louver for comfortable air flow (see Air Directional Louvers).
4. Once the room has cooled, adjust the thermostat to the setting you find most comfortable.
5. Make sure that the air flow inside and outside are not obstructed by anything.

## AIR DIRECTIONAL LOUVERS



The louvers will allow you to direct the air flow Up or Down (on some models) and Left or Right throughout the room as needed. Pivot horizontal louvers until the desired Up/Down direction is obtained. Move the Lever(s) from side to side until the desired Left/Right direction is obtained.

## FRESH AIR VENT CONTROL

Fig. A (VENT CLOSED)

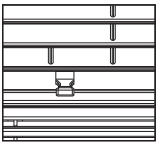


Fig. C (VENT & EXHAUST OPEN))

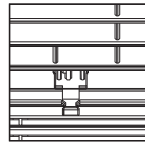
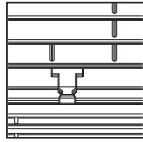


Fig. B (VENT OPEN)

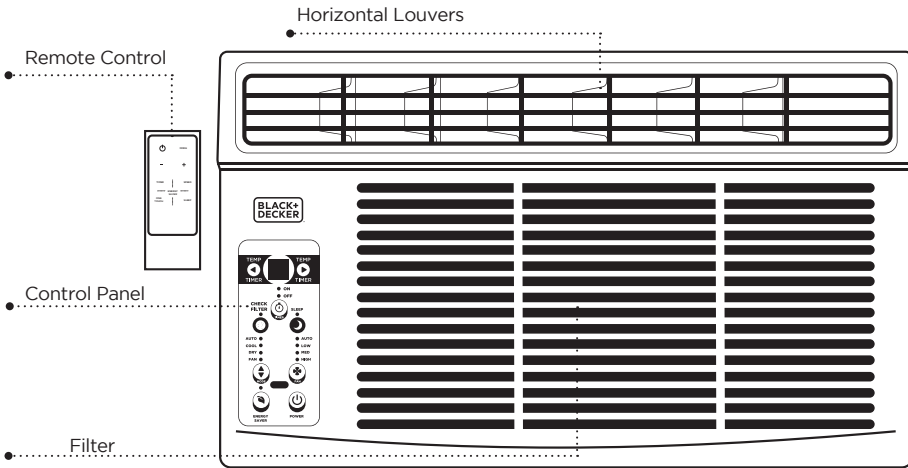


The Fresh Air Vent allows the air conditioner to:

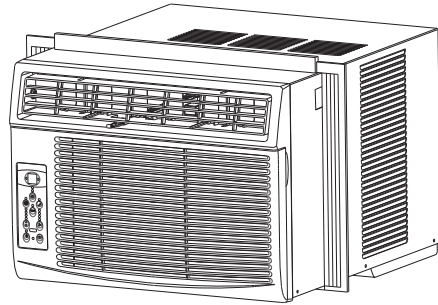
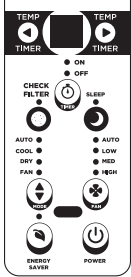
1. Recirculate inside air - Vent Closed (See Fig. A)
2. Draw fresh air into the room- Vent Open (see Fig. B)
3. Exchange air from the room and draws fresh air into the room - Vent and Exhaust Open (see Fig. C)

# SET UP & USE

## PARTS & FEATURES



Control Panel



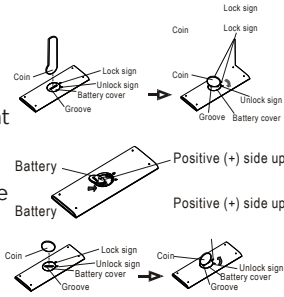
## BATTERY INSTRUCTIONS

**Note:** CR2032 Battery Not Included

Step 1: Insert a coin vertically in the groove on the battery cover, clockwise rotation of 45 degrees, make sure that the groove is aligned with the "unlock" sign as shown below and remove the battery cover.

Step 2: Install battery inside the remote controller, the positive (+) side up.

Step 3: Install the battery cover, make sure the battery cover groove is aligned with the "unlock" sign. Insert a coin vertically in the groove and press it gently, then counter clockwise rotation of 45 degrees, make sure the groove is aligned with the "lock" sign as shown below.



### ⚠ WARNING:

1. Battery must be disposed of properly. Do not short circuit or dispose of in the fire.
2. Keep batteries out of the reach of children.
3. Caution for ingestion.
4. Non-rechargeable batteries are not to be recharged.
5. Exhausted batteries are to be removed from the product.

### ⚠ WARNING:

Danger of explosion if battery is incorrectly replaced. Observe correct polarity (+ and -) when replacing batteries. Do not store or carry batteries so that metal objects can contact exposed battery terminals. When replacing battery, replace it with same or equivalent type CR2032.

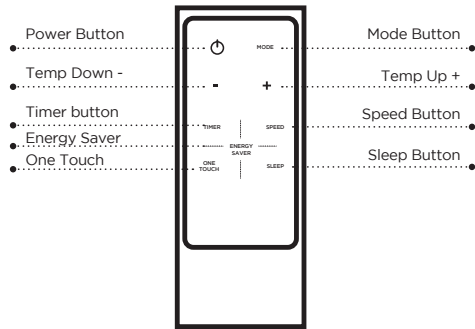
### ⚠ WARNING: DO NOT INGEST BATTERY; CHEMICAL BURN HAZARD

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body seek immediate medical attention.
- If the coin cell battery contents come into contact with the skin, immediately wash area with mild soap and water. If coin cell battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of an organic solvent and lithium salts.
- Do not incinerate or dispose of appliance together with household waste material! An appliance that has reached the end of its life must be collected separately and returned to an environmentally compatible recycling facility.

# SET UP & USE

## REMOTE CONTROL



### POWER BUTTON

Operation starts when this button is pressed and stops when the button is pressed again.

**NOTE:** If the unit has ENERGY SAVER function, it will initiate automatically the Energy Saver function under Cool, Dry, and Auto (only Auto-Cooling and Auto-Fan) modes.

### MODE BUTTON

Press this button to select the desired operation mode.

### TEMP DOWN BUTTON

Push this button to decrease the indoor temperature setting.

### TEMP UP BUTTON

Push this button to increase the temperature setting.

### TIMER BUTTON

Push this button to activate the auto Start or auto Stop program.

### LOCATION OF THE REMOTE CONTROLLER:

Use the remote controller within a distance of 16 feet from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.

### CAUTION:

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.

### SPEED BUTTON

Used to select the desired fan speed.

### ONE TOUCH BUTTON

By pushing this button, the system will automatically shift to COOL operation with auto fan speed. Its setting is 80°F/26°C. Any timer programs will be canceled.

### SLEEP BUTTON

Press this button to activate the Sleep mode. This function is available on COOL, HEAT or AUTO mode only and maintain the most comfortable temperature for you and save energy. For the detail, see sleep operation.

### ENERGY SAVER BUTTON

Press this button to activate the Energy Saving mode. Press button again to stop the function.

# SET UP & USE

## OPERATING INSTRUCTIONS

The unit can be controlled by the unit control alone or with the remote.

**NOTE:** The outline of the operation panel is based on typical model, the function is the same with your air conditioner while there may be some slight differences in appearance.

## TO TURN UNIT ON OR OFF:

Press ON/OFF button to turn unit on or off.

**NOTE:** The unit will initiate automatically the Energy Saver function under Cool, Dry and Auto modes.

## TO CHANGE TEMPERATURE SETTING:

Press UP/DOWN button to change temperature setting.

**NOTE:** Press or hold either UP or DOWN button until the desired temperature is shown on the display.

This temperature will be automatically maintained anywhere between 62°F (17°C) and 86°F (30°C). If you want the display to read the actual room temperature, see To Operate on Fan Only section.

## SLEEP FEATURE:

Press Sleep button to initiate the sleep mode. In this mode the selected temperature will increase by 2°F/1 (or 2°C) 30 minutes after the mode is selected. The temperature will then increase (cooling) by another 2°F/1 (or 2°C) after an additional 30 minutes. This new temperature will be maintained for 6 or 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.

## TO ADJUST FAN SPEEDS:

Press Fan 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.

## CHECK FILTER FEATURE:

Press Check filter button to initiate this feature. This feature is a reminder to clean the Air Filter for more efficient operation. The LED(light) will illuminate after 250 hours of operation. To reset after leaning the filter, press the Check Filter button and the light will go off.

## ENERGY SAVER FEATURE:

Press Energy saver button to initiate this function. This function 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. 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 SELECT THE OPERATING MODE:

To choose operating mode, press Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry and Fan. The indicator light beside will be illuminated and remained on once the mode is selected.

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

## TO OPERATE ON COOL MODE:

Choose Cool Mode to set the cooling function. Use the Up and Down buttons to choose the desired temperature. When Cool Mode is selected, the fan speed can be adjusted by pressing the fan button.

# SET UP & USE

## TO OPERATE ON AUTO

### FEATURE:

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling only models without), or fan only operation depending on what temperature you have selected and the room temperature.
- The air conditioner will control room temperature automatically round the temperature point set by you.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.

## TO OPERATE ON FAN ONLY:

- Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air. (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.
- During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.
- In Fan only mode, the temperature is not adjusted.

## 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. On Dry mode, the fan speed is controlled at Low automatically.

## TIMER: AUTO START/STOP

### FEATURE:

- Press Timer button, the TIMER ON or TIMER OFF indicator light illuminates. It indicates the Auto Start or Auto Stop program is initiated. For some units, keep pressing the Timer button will cancel the timer settings.
- 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.

- 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.

**DISPLAYS:** Shows the set temperature in “OC” or “OF” and the Auto-timer settings. While on Fan only mode, it shows the room temperature. If the room temperature is too high or low, it will display “HI” or “LO”

### ERROR CODES:

AS - Room temperature sensor error

ES - Evaporator temperature sensor error

or •

HS -Electric heating sensor error (on some models);

CS -Condenser temperature sensor error (on some models);

OS -Outside temperature sensor error(on some models);

E7 -Unit malfunction(on some models).

**NOTE:** When error occurs, unplug the unit and plug it back in. If error repeats, call for service.

**NOTE:** If the unit breaks off unexpectedly due to the power failure, it will restart with the previous function setting automatically when the power resumes.

## ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with:

- The Cool circuit has an automatic 3 minutes time 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.
- The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Up and Down buttons at the same time for 3 seconds.

# CLEANING & CARE

## **⚠ DANGER**

1. Be sure to unplug the unit before cleaning or servicing.
2. Do not use gasoline, thinner or other chemicals to clean the unit.
3. Do not wash the unit directly under a tap or using a hose. It may cause electrical danger.
4. If the power cord is damaged, it should be repaired by an authorized technician.

## AIR FILTER CLEANING

**⚠ CAUTION:** Clean your air conditioner occasionally to keep it looking new. Be sure to unplug the unit before cleaning to prevent shock or fire hazards.

The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils

- Grasp the top of the filter and gently pull up and out.
- Wash the filter using dishwashing liquid and warm water. Rinse filter thoroughly. Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing. Instead of washing, you may vacuum the filter clean.

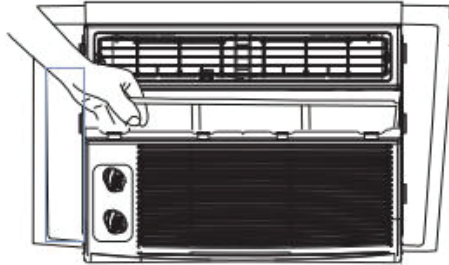
Note: Never use hot water over 40°C (104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

## CABINET CLEANING

- 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 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.
- Plug in air conditioner.

## WINTER STORAGE

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.



# TROUBLESHOOTING & WARRANTY

## BEFORE YOU CALL FOR SERVICE

IF THE AIR CONDITIONER FAILS TO OPERATE:

- A) Check to make sure that the air conditioner is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds and plug it in again securely.
- B) Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.

### ⚠ WARNING

IF NONE OF THE ABOVE SOLVES THE PROBLEM, CONTACT A QUALIFIED TECHNICIAN. DO NOT TRY TO ADJUST OR REPAIR THE AIR CONDITIONER YOURSELF. Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.



### WARNING

Do not use means to accelerate the defrosting process or to clean other than those recommended by the manufacturer.

### ⚠ WARNING

Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of the flammable refrigerants.

## CUSTOMER SERVICE

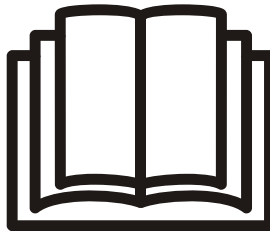
# IMPORTANT

### DO NOT RETURN THIS PRODUCT TO THE STORE

If you have a problem with this product, please contact the BLACK+DECKER Customer Satisfaction Center at 844-299-0879. DATED PROOF OF PURCHASE, MODEL # AND SERIAL # REQUIRED FOR WARRANTY SERVICE



Caution: Risk of fire/  
flammable materials  
(Required for R32/R290 units only)



IMPORTANT NOTE: Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

# TROUBLESHOOTING & WARRANTY

## TROUBLESHOOTING

Troubleshoot your problem by using the chart below. If the air conditioner still does not work properly, contact BLACK+DECKER customer service center or the nearest authorized service center. Customers must never troubleshoot internal components.

TROUBLE	ANALYSIS
Air conditioner does not start	<ul style="list-style-type: none"> <li>• Wall plug disconnected. Push plug firmly into wall outlet.</li> <li>• House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.</li> <li>• Plug Current Device Tripped. Press the RESET button.</li> <li>• Power is OFF. Turn power ON.</li> </ul>
Air from unit does not feel cold enough	<ul style="list-style-type: none"> <li>• Room temperature below 62°F (17°C). Cooling may not occur until room temperature rises above 62°F (17°C).</li> <li>• Temperature sensing behind air filter element touching cold coil. Keep it from the cold coil.</li> <li>• Set to a Lower temperature.</li> <li>• Compressor stopped when changing modes. Wait for 3 minutes after set to the COOL mode.</li> </ul>
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	<ul style="list-style-type: none"> <li>• Outdoor temperature below 64 F(18 C). To defrost the coil, set FAN ONLY mode.</li> <li>• Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.</li> <li>• Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a Higher setting.</li> </ul>
Air conditioner cooling but room is too warm - No ice forming on cooling coil behind decorative front.	<ul style="list-style-type: none"> <li>• Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.</li> <li>• Temperature is set too low. Set the temperature to a higher setting. 1 is the MIN setting and 7 is the coldest MAX setting.</li> <li>• Air directional louvers positioned improperly. Position louvers for better air distribution.</li> <li>• Front of units is blocked by drapes, blinds, furniture, etc. - restricts air distribution.</li> <li>• Clear blockage in front of unit.</li> <li>• An open doors, windows, or register may allow cold air to escape. Close any doors, windows, or registers.</li> <li>• The room may be too warm. Allow additional time to remove "Stored heat" from walls, ceiling, floor and furniture.</li> </ul>
Air conditioner turns on and off rapidly	<ul style="list-style-type: none"> <li>• Dirty air filter- air restricted. Clean air filter.</li> <li>• Outside temperature extremely hot. Set FAN speed to a Higher setting to bring air past cooling coils more frequently.</li> </ul>
Noise when unit is cooling	<ul style="list-style-type: none"> <li>• Air movement sound. This is normal . If too loud, set to a slower FAN setting.</li> <li>• Window vibration - poor installation. Refer to installation instructions or check with installer.</li> </ul>
Water dripping INSIDE when unit is cooling.	<ul style="list-style-type: none"> <li>• Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.</li> </ul>
Water dripping OUTSIDE when unit is cooling.	<ul style="list-style-type: none"> <li>• Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.</li> </ul>
Room too cold	<ul style="list-style-type: none"> <li>• Temperature is set too high. Set the temperature to a lower setting. 1 is the MIN setting and 7 is the coldest MAX setting.</li> </ul>

# TROUBLESHOOTING & WARRANTY

## LIMITED WARRANTY

Any repair, replacement, or warranty service, and all questions about this product should be directed to BLACK+DECKER at **844-299-0879** from the USA or Puerto Rico.

W. Appliance Co. warrants to the original purchaser that the product will be free from defects in material, parts and workmanship for the period designated for this product. The warranty commences the day the product is purchased and covers up to a period of **1 year (12 months) for labor/1 year (12 months) for parts (manufacturing defects only)**.

BLACK+DECKER agrees that it will, at its option, replace the defective product with either a new or remanufactured unit equivalent to your original purchase during the warranty period.

**Exclusions:** This warranty does not apply if any of the following conditions exist:

1. The appearance or exterior of the product has been damaged or defaced, or altered or modified in either design or construction.
2. The product's original serial number has been altered or removed, or cannot be readily determined.
3. Damage is due to a power line surge, or connection to an improper voltage source.
4. Damage is due to general misuse, accidents, or acts of God.
5. Repair attempts were made by unauthorized service providers; parts other than genuine parts were used; or parts were obtained from unauthorized service companies.
6. The product was transferred from the original owner.
7. The product was purchased as refurbished, like new, or second-hand, or with "As-Is" or "Final Sale" terms.
8. The product was used in a commercial or rental setting.
9. The product was used in settings other than ordinary households, or used other than in accordance with the provided instructions.
10. Damage is due to improper installation.

The following costs are not covered under this warranty:

1. Transportation and shipping costs associated with the replacement of the unit.
2. Service calls to instruct you how to use your product.
3. Service calls to repair or replace the house fuse, reset a circuit breaker, or correct the wiring in the house.
4. Service calls required due to improper installation.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CUSTOMER; BLACK+DECKER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE DURATION OF THE WARRANTY.

Some states do not allow the exclusion or limitations of incidental or consequential damages, or limitations on how long the warranty lasts. In these cases the above exclusions or limitations 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.

**Obtaining Service:** To obtain service, product literature, supplies or accessories please call **844-299-0879** to create a ticket for exchange/repair. Please make sure to provide the date of purchase, model number and a brief description of the problem. Our customer service representative will contact you or send detailed return instructions.

BLACK+DECKER does not warrant that the appliance will work properly in all environmental conditions, and makes no warranty and representation, either implied or expressed, with respect to the quality, performance, merchantability, or fitness for a particular purpose other than the purpose identified within this user's manual. BLACK+DECKER has made every effort to ensure that this user's manual is accurate and disclaims liability for any inaccuracies or omissions that may have occurred. Information in this user's manual is subject to change without notice and does not represent a commitment on the part of BLACK+DECKER. BLACK+DECKER reserves the right to make improvements to this user's manual and/or to the products described in this user's manual at any time without notice. If you find information in this manual that is incorrect, misleading, or incomplete, please contact us at **844-299-0879**.

W Appliance Co.  
1356 Broadway  
New York, NY 10018

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