

TOSHIBA

USER MANUAL Portable Room Air Conditioner

Warning notices: Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement.

CAUTION

- Contact a service center technician for repair or maintenance of this unit.
- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord needs to be replaced, please contact a service center.
- Electrical installation must be performed in accordance to national regulation standards by qualified personnel only.

Please read through these instructions before you start the installation process. Improper installation can cause damage to the unit, your personal property, and also poses a personal safety hazard.

WARNINGS (for using R32 refrigerant only)

- Do not use any means to accelerate the defrosting process or to clean the unit, other than those recommended by the manufacturer.
- Do not use or store the appliance in spaces with potential ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn refrigerant tubing. Be aware that refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- Store the appliance in a way that will prevent mechanical damage from occurring.
- Store the appliance in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- 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.
- 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 flammable refrigerants.
- Flammable refrigerant (R32) is used within the air conditioner. please follow the instruction carefully to avoid any hazard. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself.
- When maintaining or disposing of the air conditioner, the refrigerant (R32) shall be recovered properly, do not discharge to air directly.

To prevent injury to the user or other people and property damage, the instructions shown here must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The level of risk is shown by the following indications.

Please read through these instructions before you start the installation process. Improper installation can cause damage to the unit, your personal property, and also poses a personal safety hazard.

- Installation must be performed according to the installation instructions. Improper installation can cause water leakage, electrical shock, or fire.
- Use only the included accessories and parts, and specified tools for the installation. Using non-standard parts can cause water leakage, electrical shock, fire, and injury or property damage.
- Make sure that the outlet you are using is grounded and has the appropriate voltage. The power cord is equipped with a three-prong grounding plug to protect against shock. Voltage information can be found on the side of the unit, behind the grille.
- Install the unit on a flat, sturdy surface. Failure to do so could result in damage or excessive noise and vibration.
- The unit must be kept free from obstruction to ensure proper functioning and to mitigate safety hazards.
- DO NOT modify the length of the power cord or use an extension cord to power the unit. DO NOT share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.
- DO NOT install your air conditioner in a wet room such as a bathroom or laundry room. Exposure to water can cause electrical components to short circuit.
- DO NOT install the unit in a location that may be exposed to combustible gas, as this could cause fire.
- The unit has wheels to facilitate moving. Do not attempt to roll the unit across thick carpet or to roll over objects, as this could cause the unit to tip over.
- DO NOT attempt to operate a unit that has been dropped or damaged.
- DO NOT allow children to play with the air conditioner. Children must be supervised around the unit at all times.

- If the air conditioner is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or customer service for assistance.
- In a thunderstorm, the unit should be turned off to avoid damage to the machine due to lightning.
- 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.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
- Do not install the appliance in a location that may be exposed to combustible gas. If combustible gas accumulates around the unit, it may cause fire.
- Do not run the power cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- To reduce the risk of fire or electric shock, do not use this air conditioner with any solid-state speed control device.
- The appliance shall be installed in accordance with national wiring regulations.
- Contact a service center technician for repair or maintenance of this unit.
- Contact a service center installer for installation of this unit.
- When there are significant differences between features or operation implied by the remote control illustration and the actual functions described in the USER MANUAL, the descriptions in the USER MANUAL shall prevail.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.

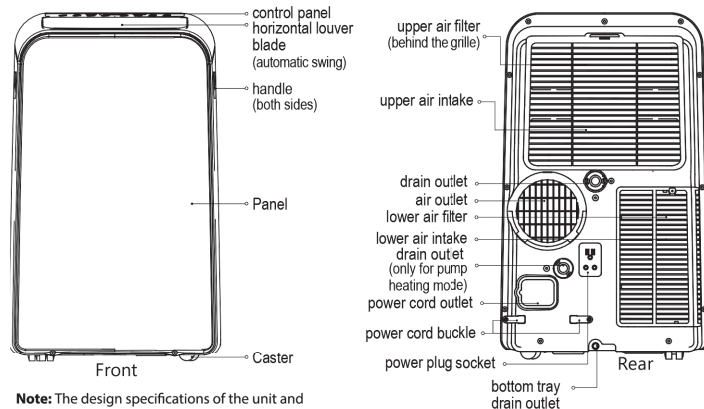


Caution: Risk of fire/flammable materials
(Required for R32/R290 units only)

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OPERATING INSTRUCTIONS

Preparation



Note: The design specifications of the unit and remote control are subject to change without prior notice.

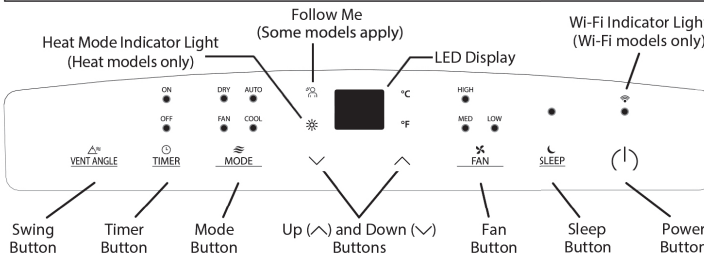
Unit Temperature Range:

Mode	Temperature Range
Cool	17°C ~ 35°C (62°F ~ 95°F)
Dry	13°C ~ 35°C (55°F ~ 95°F)
Heat (heat pump mode)	5°C ~ 30°C (41°F ~ 86°F)
Heat (electrical heat mode)	≤ 30°C (86°F)

Exhaust Hose Installation:

The exhaust hose and adaptor must be installed or removed in accordance with the usage mode. For COOL, HEAT (heat pump type) or AUTO mode, exhaust hose must be installed. For FAN, DEHUMIDIFY or HEAT (electrical heat type) exhaust hose must be removed.

Control Panel Features



Swing Button

Used to initiate the Auto Swing feature. When the operation is ON, pressing the SWING button can stop the louver at the desired angle.

Timer button

Used to initiate the AUTO ON start time and AUTO OFF stop time program, in conjunction with the Up (^) and Down (v) buttons. The timer on or off light will illuminate depending on the selected setting.

Fan button

Controls the fan speed. Press to control the fan speed in four steps - LOW, MID, HIGH and AUTO. The selected fan speed light (except AUTO) will illuminate. When AUTO is selected, no lights will illuminate.

Mode button

Selects the desired operating mode. Each time you press the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, FAN and HEAT (cooling only models excluded). The mode light illuminates and indicates the selected mode.

Power button

Power switch on/off.

Sleep button

Used to initiate the SLEEP operation.

Up (^) and Down (v) buttons

Used to adjust (increasing/decreasing) temperature settings in 1°C/1°F increments in a range of 17°C/62°F to 30°C/86°F or the TIMER setting in a range of 0 ~ 24hrs.

NOTE

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.

LED display

Shows the set temperature in °C (Degrees Celsius) or °F (Degrees Fahrenheit) and the Auto-timer settings. While on DRY and FAN modes, it shows the room temperature.

Shows Error codes and protection code:

- E1** - Room temperature sensor error.
- E2** - Evaporator temperature sensor error.
- E3** - Condenser temperature sensor error (select models).
- E4** - Display panel communication error.
- P1** - Bottom tray is full - Connect the drain hose and drain the collected water away. If protection code repeats, call for service.

Wi-Fi Function

(Available on Wi-Fi models only)

With the unit ON, press the VENT ANGLE/SWING button for 3 seconds to initiate the Wireless Connection mode. The LED display will display "AP" to indicate the wireless access point is available. Follow the instructions on the Wi-Fi setup manual and the latest app version available for your phone operating system. If the connection is successful, the unit will exit "AP" mode automatically and the Wi-Fi indicator light will illuminate. If connection is unsuccessful within 8 minutes, the unit exits "AP" mode and returns to regular operation.

NOTE

When one of the malfunctions occurs, turn off the unit and check for any obstructions. Restart the Unit. If the malfunction persists, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

Operating Instructions

COOL operation

- Press the "MODE" button until the "COOL" indicator light comes on.
- Press the ADJUST buttons Up (^) or Down (v) to select your desired room temperature. The temperature can be set within a range of 17°C~30°C/62°F~86°F.
- Press the "FAN SPEED" button to choose the fan speed.

HEAT operation

(available on HEAT models only)

- Press the "MODE" button until the "Heat pump" indicator light comes on.
- Press the ADJUST buttons Up (^) or Down (v) to select your desired room temperature. The temperature can be set within a range of 17°C~30°C/62°F~86°F.
- Press the "FAN SPEED" button to choose the fan speed. For some models, the fan speed cannot be adjusted while in HEAT mode.

DRY operation

- Press the "MODE" button until the "DRY" indicator light comes on.
- While in this mode, you cannot select a fan speed or adjust the temperature. The fan motor operates at LOW speed.
- Keep windows and doors closed for the best dehumidifying effect.
- Do not connect the duct to a window.

AUTO operation

- When you set the air conditioner to AUTO mode, it will automatically select cooling, heating (cooling only models excluded), or fan only operation depending on what temperature you have selected and the current room temperature.
- The air conditioner will control room temperature automatically according to the temperature point set by you.
- Under AUTO mode, you cannot select the fan speed.

FAN operation

- Press the "MODE" button until the "FAN" indicator light comes on.

If the Wi-Fi function is ON and there is a need to turn it off, press and hold the VENT ANGLE/SWING button and DOWN (-) button simultaneously for 3 seconds. The display will show "OFF" for 3 seconds and the Wi-Fi function will become inactive. To turn it back on, press and hold the VENT ANGLE/SWING button and UP (+) button simultaneously for 3 seconds. The display will show "ON" for 3 seconds. When you restart the wireless functions, it will take a period of time to connect to the network automatically. Always be sure your wireless connection is working properly and there is a valid internet connection for Wi-Fi functionality to work.

NOTE

When one of the malfunctions occurs, turn off the unit and check for any obstructions. Restart the Unit. If the malfunction persists, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

Operating Instructions

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- Press the "MODE" button until the "COOL" indicator light comes on.
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- Press the "MODE" button until the "Heat pump" indicator light comes on.
- Press the ADJUST buttons Up (^) or Down (v) to select your desired room temperature. The temperature can be set within a range of 17°C~30°C/62°F~86°F.
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- The air conditioner will control room temperature automatically according to the temperature point set by you.
- Under AUTO mode, you cannot select the fan speed.

NOTE

This feature is unavailable in FAN or DRY mode.

Other Features

FOLLOW ME/TEMP SENSING feature (Some models apply)

This feature can be activated from the remote control ONLY. The remote control serves as a remote thermostat allowing for the precise temperature control at its locations. To activate the Follow Me/Temps Sensing feature, point the remote control towards the unit and press the Follow Me/Temps Sensing button. The remote control will send this signal to the air conditioner until press the Follow Me/Temps Sensing button again. If the unit does not receive the Follow Me/Temps Sensing signal during any 7 minutes interval, the unit will exit the Follow Me/Temps Sensing mode.

NOTE: This feature is unavailable under FAN or DRY mode.

AUTO-RESTART

If the unit shuts off unexpectedly due to a power outage, it will restart with the previously set function automatically when the power resumes.

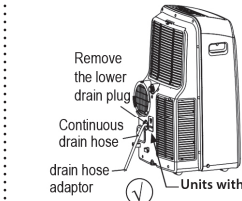
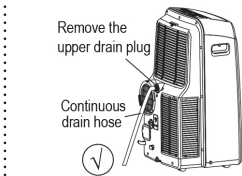
WAIT 3 MINUTES BEFORE RESUMING OPERATION

After the unit has stopped, it cannot be restarted until 3 minutes time has elapsed. This is to protect the unit. Operation will automatically resume after 3 minutes.

AIRFLOW DIRECTION ADJUSTMENT

The louver can be adjusted automatically. Adjust the airflow direction automatically.

- When the Power is ON, the louver opens fully.
- Press the SWING button on the panel or remote controller to initiate the Auto Swing feature. The louver will swing up and down automatically.
- Please do not adjust the louver manually.



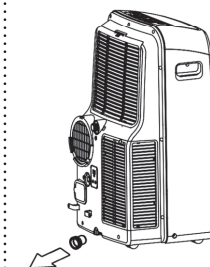
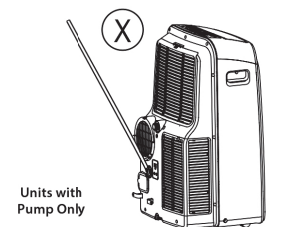
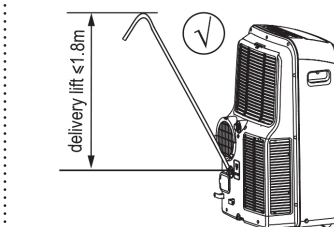
WATER DRAINAGE

During dehumidifying modes, remove the upper drain plug from the back of the unit and install the drain connector (5/8" universal female mender) with 3/4" hose (locally purchased). For models without drain connector, just attach the drain hose to the hole. Place the open end of the hose directly over the drain area in your basement floor.

During heating mode, remove the lower drain plug from the back of the unit and install the drain connector (5/8" universal female mender) with 3/4" hose (locally purchased). For models without drain connector, just attach the drain hose to the hole. Place the open end of the hose adaptor directly over the drain area in your basement floor.

NOTE

Make sure the hose is secure so there are no leaks. Direct the hose toward the drain, making sure that there are no kinks that will impede water flow. Place the end of the hose into the drain and make sure the end of the hose is directed downward to let the water flow smoothly. (See Figs with (✓)). Installation not recommended. (See Figs with (X)). When the continuous drain hose is not used, ensure that the corresponding drain plug is installed firmly to prevent leakage.

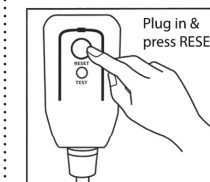


When the water level of the bottom tray reaches a predetermined level, the unit beeps 8 times. The digital display shows "P1." At this time the air conditioning/dehumidification process will immediately stop. However, the fan motor will continue to operate (this is normal). Carefully move the unit to a drain location, remove the bottom drain plug and let the water drain away. Reinstall the bottom drain plug and restart the machine until the "P1" symbol disappears. If the error repeats, call for service.

NOTE

Be sure to reinstall the bottom drain plug firmly to prevent leakage before using the unit.

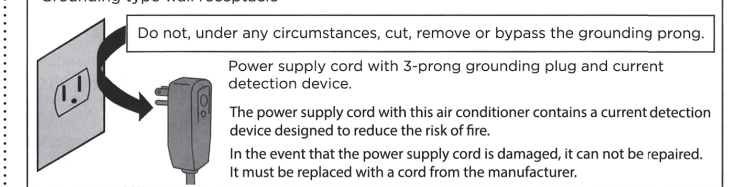
Operation of current device



The power supply cord contains a current measuring device that detects damage to the power cord. Test your power supply cord as follows:

1. Plug in the air conditioner.
2. The power supply cord will have TWO buttons on the plug head. Press the TEST button. You will notice a click as the RESET button pops out.
3. Press the RESET button. You will notice a click as the button engages.
4. The power supply cord is no supplying electricity to the unit. (On some products this is also indicated by a light on the plug head.)

Grounding type wall receptacle

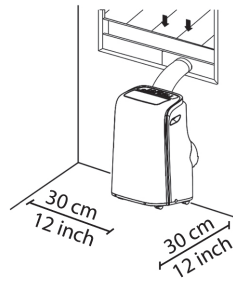


NOTICE

- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply cord must be replaced if it fails to reset when either the TEST button is pushed, or it can not be reset. Please contact a service center.

INSTALLATION INSTRUCTIONS

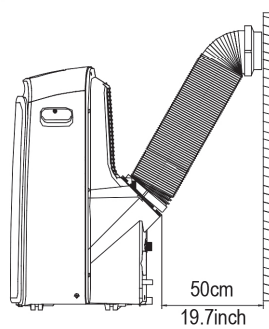
Choosing the Right Location



Your installation location should meet the following requirements:

- Make sure that you install your unit on an even surface to minimize noise and vibration.
- The unit must be installed near a grounded plug, and the Collection Tray Drain (found on the back of the unit) must be accessible.
- The unit should be located at least 30 cm (12") from the nearest wall to ensure proper air conditioning.
- DO NOT cover the Intakes, Outlets or Remote Signal Receptor of the unit, as this could cause damage to the unit.

Recommended Installation



NOTE

All images in the manual are illustrative. Your unit may be slightly different.

NOTE About Fluorinated Gasses

- This air-conditioning unit is a hermetically sealed unit that contains fluorinated gasses. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself.
- Service, maintenance or repair of this unit must be performed by a certified technician.
- Product recycling must be done according to local regulations.

Tools Needed

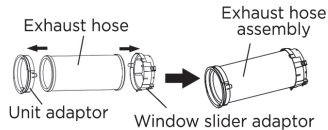
- Medium Phillips screwdriver
- Knife or scissors
- Tape measure or ruler
- Saw (optional, to shorten window adaptor for narrow windows).

Accessories

Part	Description
	Unit adaptor
	Exhaust hose
	Window slider adaptor
	Bolt or Screws
	Window sliders
	Foam seal adhesive (A/B)
	Foam seal C (Non-adhesive)
	Security bracket and 2 screws
	Remote controller (For remote control models only)

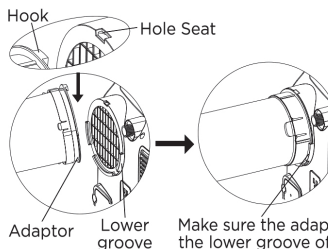
Note: Accessory type, appearance and quantity may vary depending on the model.

Window Installation Kit



Step One: Preparing the exhaust hose assembly

Press the exhaust hose into the window slider adaptor and unit adaptor, clamp automatically by elastic buckles of the adaptors.

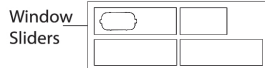


Step Two: Install the exhaust hose assembly to the unit

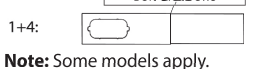
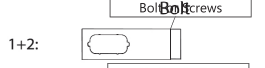
Insert unit adaptor of the Exhaust hose assembly into the lower groove of the air outlet of the unit with the hook of the adaptor aligned with the hole seat of the air outlet and slide down the Exhaust hose assembly along the direction indicated by the arrow for installation.

Window Installation Kit - cont.

Before assembly



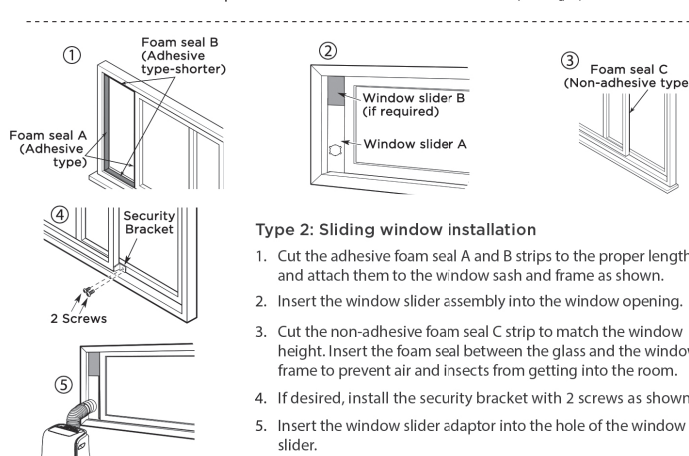
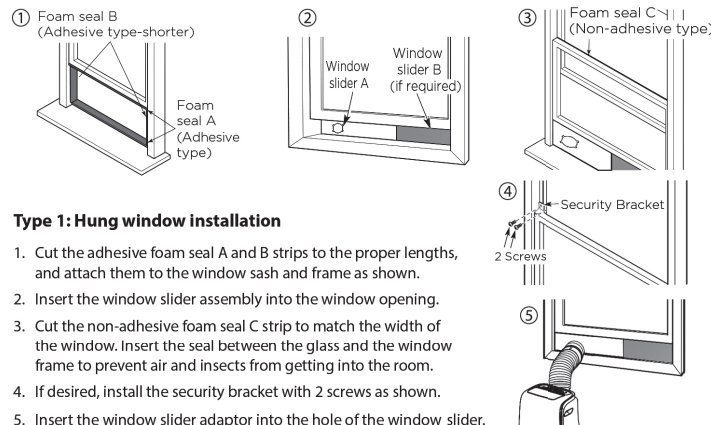
After assembly



Note: Some models apply.

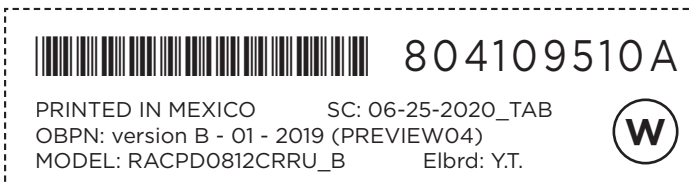
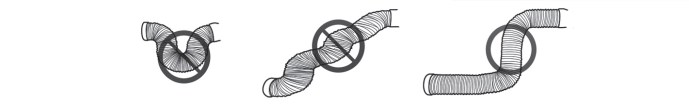
NOTE

Once the Exhaust Hose assembly and Adjustable Window Slider are prepared, choose from one of the following two installation methods.



NOTE

To ensure proper functioning, DO NOT overextend or bend the hose. Make sure that there is no obstacle around the air outlet of the exhaust hose (in the range of 500mm) in order for the exhaust system to work properly. All illustrations in this manual are for explanation purposes only. Your air conditioner may be slightly different. The actual shape shall prevail.

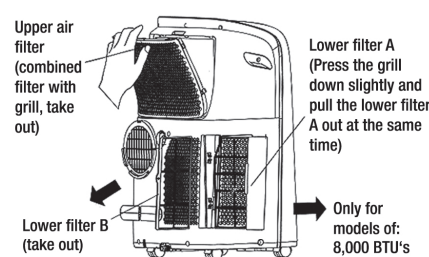


CARE AND CLEANING

Safety Precautions

- Always unplug the unit before cleaning or servicing.
- DO NOT use flammable liquids or chemicals to clean the unit.
- DO NOT wash the unit under running water. Doing so causes electrical danger.
- DO NOT operate the machine if the power supply was damaged during cleaning. A damaged power cord must be replaced with a new cord from the manufacturer.

Air Filter Cleaning



CAUTION

DO NOT operate the unit without filter because dirt and lint will clog it and reduce performance.

Maintenance Tips

- Be sure to clean the air filter every 2 weeks for optimal performance.
- The water collection tray should be drained immediately after after P1 error occurs, and before storage to prevent mold.
- In households with animals, you will have to periodically wipe down the grill to prevent blocked airflow due to animal hair.

Note: The upper air filter is integrated in the grill.

Unit Cleaning

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

Store the Unit When Not in Use

- Drain the unit's water collection tray according to the instructions in the following section.
- Run the unit on FAN mode for 12 hours in a warm room to dry it and prevent mold.
- Turn off the unit and unplug it.
- Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
- Remove the batteries from the remote control.

NOTE

Be sure to store the unit in a cool, dark place. Exposure to direct sunlight or extreme heat can shorten the lifespan of the unit.

TROUBLESHOOTING TIPS

Malfunction Diagnosis

Please check the machine according to the following table before calling for service:

Problem	Possible Cause	Troubleshooting
Unit does not turn on when pressing ON/OFF button	P1 Error Code.	The water collection tray is full. Turn off the unit, drain the water from the water collection tray and restart the unit.
	In COOL mode: room temperature is lower than the set temperature.	Reset the temperature.
	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
	Exhaust hose is not connected or is blocked.	Turn off the unit, disconnect the hose, check for blockage and reconnect the hose.
Unit does not cool well	The unit is low on refrigerant.	Call a service technician to inspect the unit and top off refrigerant.
	Temperature setting is too high.	Decrease the set temperature.
	The windows and doors in the room are open.	Make sure all windows and doors are closed.
	The room area is too large.	Double-check the cooling area.
	There are heat sources inside the room.	Remove the heat sources if possible.
The unit is noisy and vibrates too much	The floor is not level.	Place the unit on a flat, level surface.
	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
The unit makes a gurgling sound	This sound is caused by the flow of refrigerant inside the unit.	This is normal.
Unit stops frequently	The exhaust hose is blocked, extended or otherwise restricted.	Remove the exhaust hose to see if the unit continues to operate. If yes, shorten the extension, reduce the number of bends or eliminate restriction.

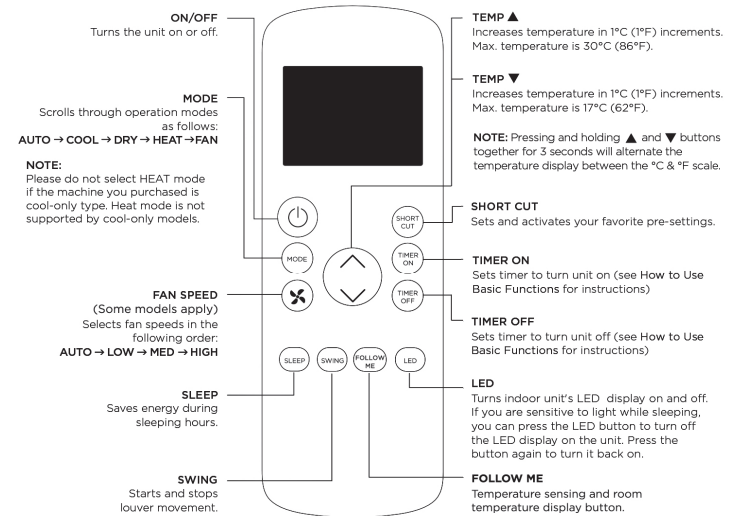
NOTE

Do not add extension to the exhaust hose(s)!

REMOTE CONTROL OPERATING INSTRUCTIONS

Function Buttons

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the Operating Instructions section of this manual.



Remote control may vary depending on the model. Batteries not supplied.

REFURBISHED PRODUCT LIMITED THIRTY DAY WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of THIRTY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

Refurbished Product Service Center
13225 Marquardt Avenue Santa Fe Springs, CA 90670

WARRANTY REPAIR INFORMATION

If you need service on your unit during the 30 day warranty period; please go to www.ConsumerServiceRefurbish.com or call the Refurbished Product Service Center at 562-946-3531 to obtain the required claim number. Once you obtain your claim number, pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt. Send the unit freight prepaid and insured to:

Refurbished Product Service Center,
Att: Customer Service Department 13225 Marquardt Avenue Santa Fe Springs, CA 90670

Your unit will be promptly exchanged and returned to you. We will refuse to accept delivery of the returned unit unless the assigned claim number appears on the outside of the shipping carton.

Owner's Information
(Keep for your permanent records)

NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP CODE: _____
PHONE: _____ E-MAIL: _____
MODEL: _____ SERIAL NO.: _____