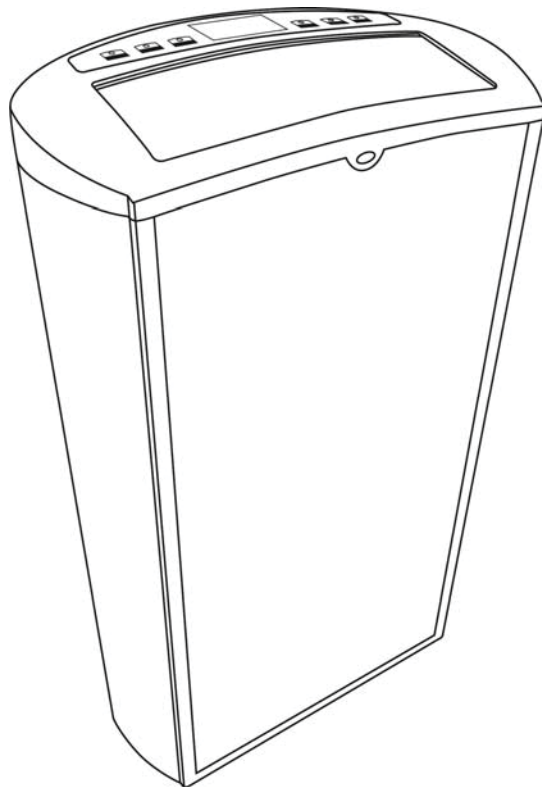




Portable Air Conditioner



AP14002HS

Owner's Manual

For more information on other great EdgeStar products on the web, go to <http://www.edgestar.com>

Important Safety Information

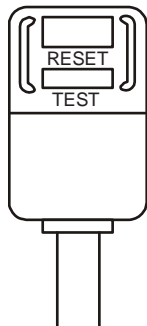
Improper handling can cause serious damage to the appliance and/or to the user. Please read the following safety information.

Electrical Safety

- This unit is designed for indoor use only.
- Do not use the unit in extremely humid or wet environments.
- Do not spray water and wet the housing or control panel.
- Do not pull the unit by the cord.
- Always turn the unit off and unplug it from the outlet when cleaning.
- Unplug the unit if it is not going to be used for a long period of time.
- Do not operate the unit with a damaged plug or a loose socket.
- Use only the correct power supply with appropriate amperage.
- If the power cord is damaged, it must be replaced by the manufacturer, a service agent, or qualified technician.
- Do not remove any part of the casing unless instructed by an authorized technician.

General Safety

- This portable air conditioner is not intended to be used by children.
- Children should be supervised to ensure that they do not play with this product.
- Do not allow children to play with the controls or drop any objects into the air outlets or vents.
- Do not place objects or let any person sit on top of the unit.
- Only use in the upright position on a flat, level surface and provide at least 20 inches of clearance from any walls or objects.
- Route the power cord carefully to avoid a tripping hazard.
- This unit is intended for domestic use only. Do not use the portable air conditioner for industrial or commercial use. Any other use may invalidate the warranty.



Your portable air conditioner is supplied with a Leakage-Current Detection and Interruption (LCDI) safety plug. This device provides protection to reduce the risk of fire due to arcing faults in the power supply cord. Before using your portable air conditioner, follow the instructions below to ensure that the LCDI plug is working properly:

1. Plug the power cord to a grounded outlet.
2. Press the TEST button on the LCDI plug. This should trip the plug and cut the power to the air conditioner. If the plug does not trip and you are able to turn on the unit, please contact EdgeStar support.

DO NOT USE YOUR PORTABLE AIR CONDITIONER IF THE TEST FAILS.

Press the RESET button to start using your air conditioner.

Do not use the TEST and RESET buttons as an ON/OFF switch.

Electrical products should not be disposed of with household waste. Please contact your local recycling center for more information on how to recycle electronic waste.



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Introduction

Thank you for purchasing this Edgestar portable air conditioner. We are glad you chose us. We believe that your purchase of this product opens a relationship between you and EdgeStar. We will provide the customer support needed to nurture that relationship.

This manual contains important information regarding the proper installation, use and maintenance of your portable air conditioner. Following this manual will ensure that your product will work at its peak performance and efficiency.

Please save the original product packaging in case you need to safely transport your portable air conditioner.

For Your Records:

Please write down the model number and serial number below for future reference. Both numbers are located on the ratings label on the back of your unit and are needed to obtain warranty service. You may also want to staple your receipt to this manual as it is the proof of your purchase, and is also needed for service under your warranty.

Model Number: _____

Serial Number: _____

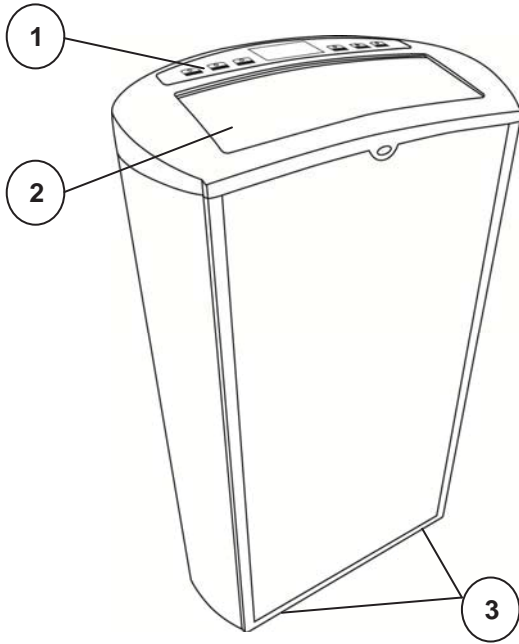
Date of Purchase: _____

To better serve you, please do the following before contacting customer service:

- If you received a damaged product, immediately contact the dealer that sold you the product.
- Read and follow this instruction manual carefully to help you install, use and maintain your portable air conditioner.
- Read the troubleshooting section of this manual as it will help you diagnose and solve common issues.
- Visit us on the web at <http://www.edgestar.com> to register your product, download product guides, additional troubleshooting resources and up-to-date information.
- If you need warranty service, our friendly customer service representatives are available via email at service@edgestar.com or by telephone at **1 (866) 319-5473**.

Parts Identification

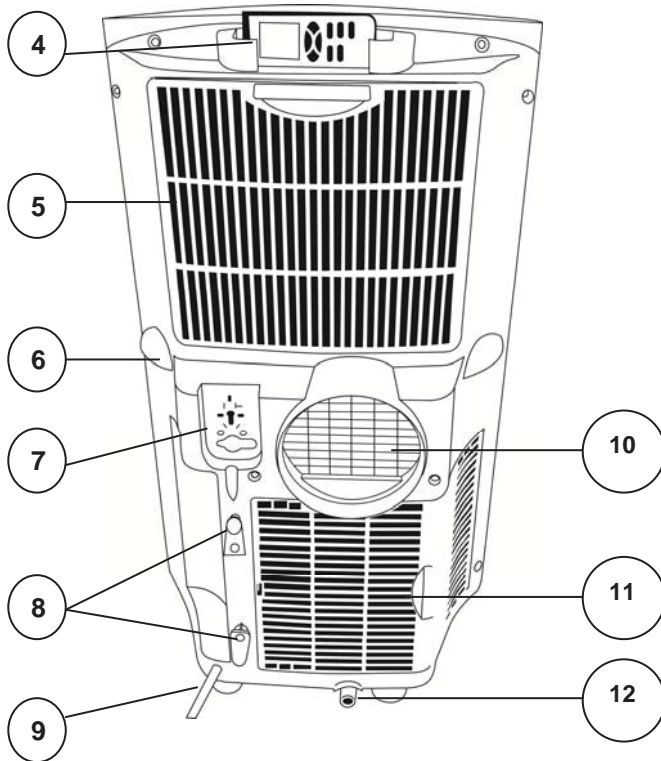
Front View



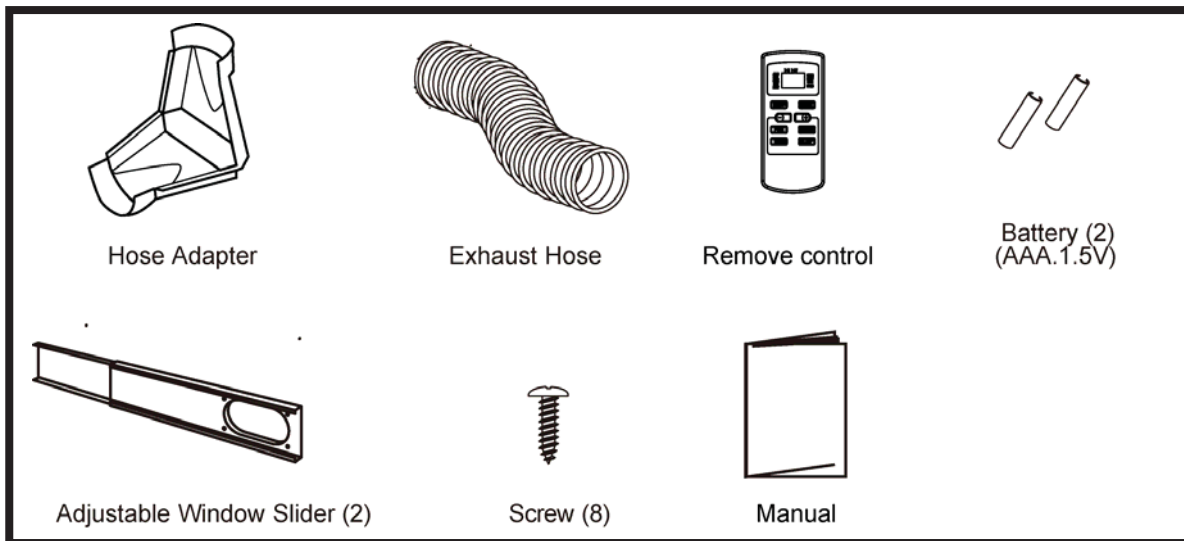
Parts Key:

- 1. Control Panel
- 2. Air Outlet Vent
- 3. Castors
- 4. Remote Holder
- 5. Upper Air Filter Grille (Intake)
- 6. Handle
- 7.
- 8. Power Cord Hooks
- 9. Power Cord
- 10. Air Outlet (Heat Exhaust)
- 11. Lower Air Filter Grille (Intake)
- Power Cord
- 12. Drain Plug

Back View



Window Kit Parts List:

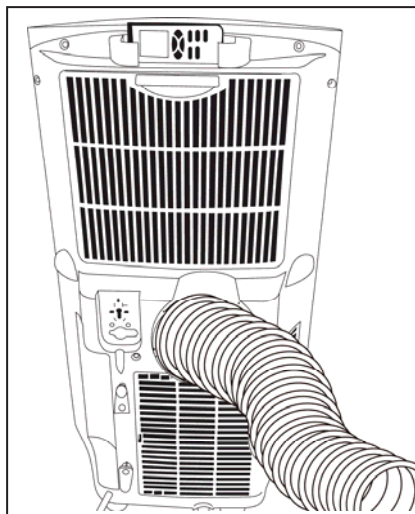


Suggested Tools- *Phillips* Screw Driver (Medium sized), Tape Measure/Ruler, Scissors, Saw (In the event that your window panel needs to be cut down in size for installation).

Window Kit Installation Instructions

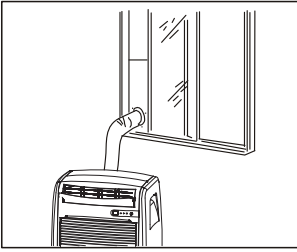
For this portable air conditioner to operate correctly, the hot air from the back of the unit must be vented to the outside. Please follow the instructions below for window kit installation.

1. Extend the exhaust hose at least 6" and insert it to the outdoor exhaust hose outlet at the back of the air conditioner.
2. Attach the round connector to the opposite end of the exhaust hose.



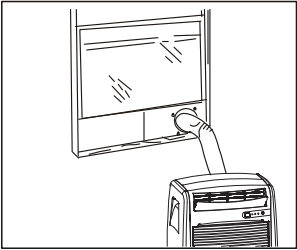
NOTE: You may need to contact your electrician if your room's circuit is not able to power your unit.

Preparations for installing the window kit



You must vent your portable air conditioner when running in it cooling mode. Your unit includes a window exhaust kit that can be used to vent the unit out a window.

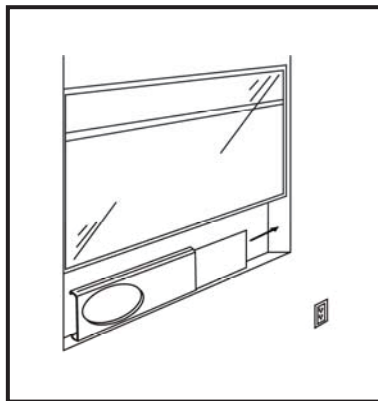
Before you begin, make sure you have all the parts necessary for installation.



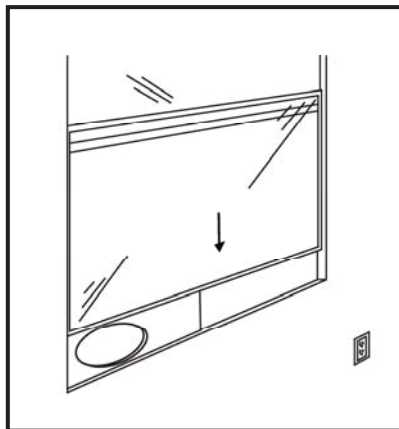
If you have multiple windows, choose one that is near an electrical outlet that will be able to provide sufficient power to your unit. See the power requirements listed on the product label printed on the side, or on the back of your portable air conditioner.

Your window kit can be installed on a horizontal or vertical sliding window as shown in the pictures below.

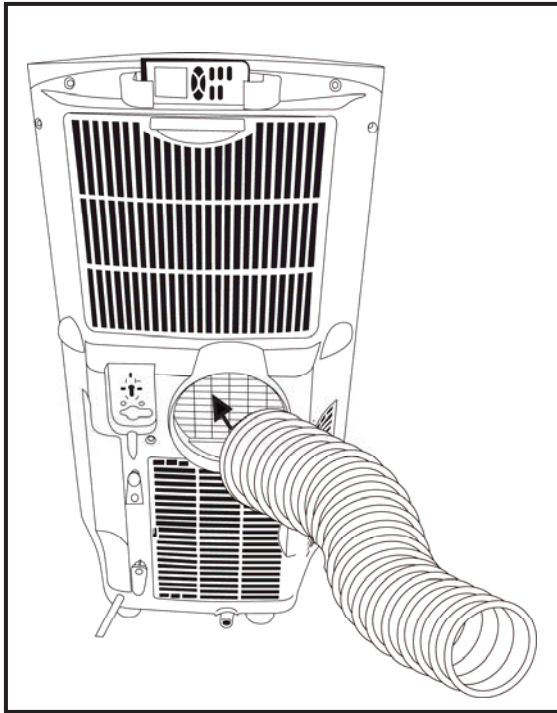
Attach the window panel to the window panel



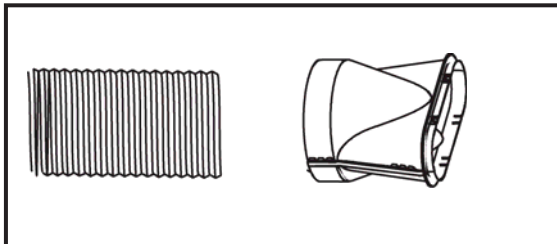
Open your window and place the 2 pieces of the window kit noted in the parts identification page as adjustable window panels with grooved side facing outward on the window sill. Then, slide the window kit plate to fit the width of the window until it is snug fit.



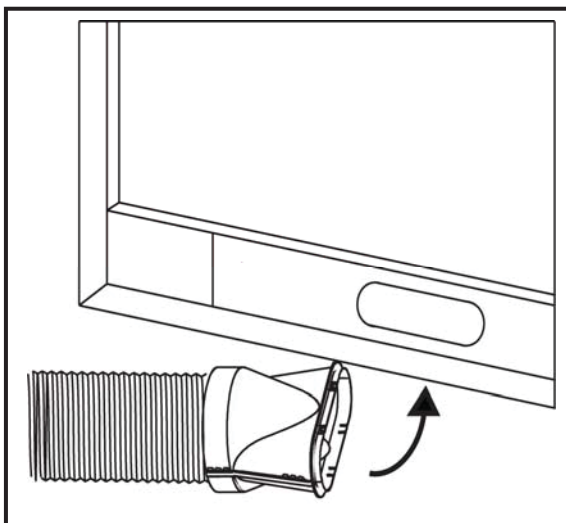
Lower the window to secure the window kit in place. You may need to use duct tape to better secure the window kit.



Connect Exhaust Hose to unit by screwing the hose to the Air Outlet until you have a tight connection.



Connect your Exhaust Hose to the Exhaust Hose Adapter by screwing the hose to the adapter until you have a tight connection.

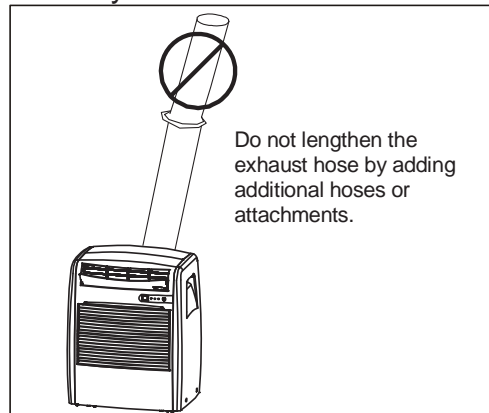


Lastly connect the Exhaust Hose Adapter to the Adjustable Window Panel by screwing in until you have a tight connection.

Notes about the Exhaust Hose

Your portable air conditioner is designed to exhaust condensate water that is collected from the air. This water, in either gaseous or droplet form, will be expelled out the exhaust port of the unit. Please take this into account when deciding how to vent it.

1. The exhaust hose supplied with the portable air conditioner can be extended up to 48 inches; however for maximum efficiency, use the shortest length possible.
2. Try to prevent any kinks or bends in the exhaust hose. Kinks or bends may trap exhaust air which can radiate heat into the room or potentially cause the portable air conditioner to overheat and shut itself off.
3. The exhaust hose supplied with the portable air conditioner has been specifically designed for this air conditioner. Do not lengthen the hose by adding additional hoses or attachments or replace it with any other hose.



Warning: Longer hoses are not recommended.

Draining the Unit

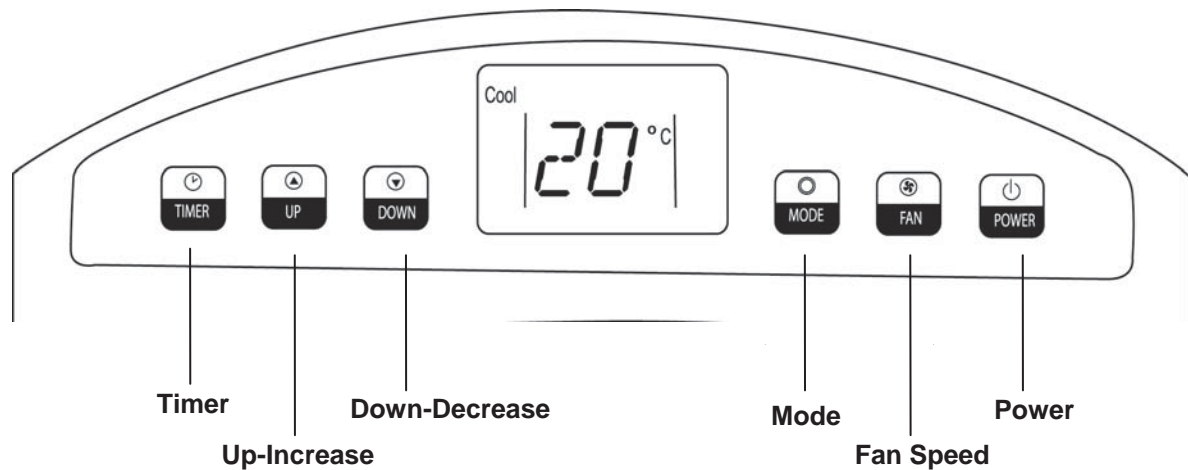
When the portable air conditioner is in cooling mode, or dehumidify mode, it will remove moisture from the air. The condensed water from the air will be collected in an internal reservoir and will be evaporated and exhausted out of the exhaust hose. However, in very humid conditions, the internal reservoir may fill completely. This causes the air conditioner to turn off to avoid overflowing the internal reservoir. When the water tank is full it will stop working.

NOTE: When ready to drain make sure to keep the unit straight up and do not tilt to avoid water leaking from reservoir.

Direct drainage

1. You will need a bucket to drain water into.
2. Unscrew the water plug and unplug the water blocker.
3. Once unit is fully drained insert the water blocker and screw on the water plug. Please note that this unit has no drain pump; all water will drain with gravity only, i.e., only “downhill.”

Control Panel Overview



Control Panel Operating Instructions

Power- Press once and the unit will turn and be indicated by a sound and will automatically enter cooling mode. Press again and the unit will shut off.

Mode- Press mode button to cycle between the different modes- Cooling, Heating, Fan, Energy Saver, or Dehumidifying.

Fan Speed- Press this button to cycle between the three different speeds- low, medium, and high.

Under Cooling and Fan Mode:

Press once for Low Fan indicated on LCD as F1

Press second time for Medium Fan indicated on LCD as F2

Press third time for High Fan indicated on LCD as F3

Under Dehumidifying Mode:

Fan is automatically working in low speed.

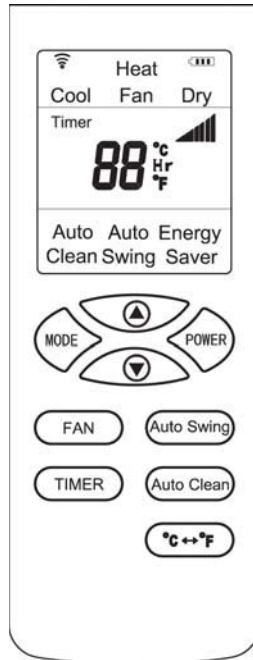
Up and Down- Press to increase or decrease the set temperature. Press down at the same time and the temperature reading to toggle between Celsius and Fahrenheit.

NOTE: Fan Only mode does not require that the exhaust hose be attached.

Timer- Press the timer button and the LCD Display will flash. You can set your time by using the Up and Down button from 1-24 hours. When the unit is on the timer will be to shut off and when the unit is off the timer is set to automatically turn on. Once you press again to set the history will automatically be cleared.

The temperature range for this unit is 60° - 86°F.

Remote Control Overview



Remote Control Operating Instructions

Power- Please see Control Panel Instructions.

Mode- Please see Control Panel Instructions.

Fan Speed- Please see Control Panel Instructions.

Up and Down- Please see Control Panel Instructions.

Timer- Please see Control Panel Instructions.

Auto Swing- Press this key to control the swing function.

Auto Clean- Press this key under cooling, dehumidifying and energy saver mode. It will work on low speed to blow accumulated condensate water to clean.

C° - F°- Press this key to choose Celsius and Fahrenheit.

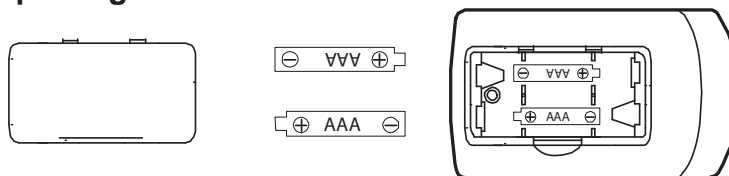
NOTE: When changing modes the compressor may have a delay of three minutes which is normal.

This unit has auto defrosting, “Heat” will flash on LCD during the auto defrost process.

Energy Saver Mode- Any key pressed on Display will turn dark after only 10 seconds to save on energy consumption.

Dehumidifying Mode- during the Dehumidifying mode, the unit will condense water out of the air and exhaust it through the exhaust hose.

Replacing the Batteries



- 1) Remove the cover on the back of the remote control.
- 2) Insert the batteries with the (+) and (-) ends pointing in the correct direction.
- 3) Install the cover on the remote.

CAUTION: Use only AAA batteries. Remove the batteries if the remote control will not be used for one month or longer. Do not attempt to recharge batteries not designed to be recharged. All batteries should be replaced at the same time. Do not mix old and new batteries. Do not dispose of batteries in a fire as they may explode.

Energy Saving Guide

Read and follow the guide below to get the best performance and efficiency from your portable air conditioner:

- Do not cover the air outlet (exhaust) while in use.
- Do not place the unit in front of curtains or drapes- to ensure they do not obstruct the air intake.
- Minimize the length of the exhaust hose.
- Make sure the exhaust hose is as straight as possible and avoid kinks or bends.
- Keep curtains, blinds or drapes closed during the sunniest part of the day.
- Use the timer to operate the unit before it is needed. For example, set the timer to turn on the unit in cooling mode for 3 or more hours to cool the room before you arrive. You may want to operate the unit all day if you live in a warmer climate.
- Minimize the heat sources (direct sunlight, computers, servers, people, etc.) in the room.
- Close all windows and doors.
- Use the unit in a contained room. For example, a room with four walls and a ceiling, instead of a partitioned studio, or warehouse.
- Make sure the unit is on a level surface.
- Minimize the amount of humidity in the room. For example, run the unit as a dehumidifier.
- To prolong the compressor's life, please wait at least 3 minutes before turning the unit back on after shutting it off.
- Inspect and keep the pre-filters clean by cleaning regularly.
- Perform routine maintenance.

Maintenance

Clean the air conditioner and filters regularly to maximize performance and efficiency, and prolong the unit's life. Be sure to always unplug the air conditioner from the power outlet before cleaning.

Cleaning the unit

Use a soft dry cloth to wipe the body clean. If necessary, use lukewarm water to dampen a cloth to clean the unit. Use a soft bristle brush to clean between the vents. Carefully use a vacuum cleaner to clean the condenser coils.

Never use abrasive chemicals, volatile substances, gasoline, detergents, chemically treated cloths, or other cleaning solvents that may damage the cabinet exterior.

Never spray water directly on the unit.

Cleaning the pre-filter

To clean the pre-filter, follow the steps below:

- 1) Power off the unit and remove the pre-filter.
- 2) Use a vacuum cleaner or tap the filter lightly to remove loose dust and dirt, then rinse thoroughly under lukewarm running water (below 104°F). You may use a mild soap and water solution if needed. Allow the pre-filter to air dry in a cool and shaded place. Dry thoroughly before reinstalling.

Warning: Never operate the unit without the pre-filter.

Clean the pre-filter periodically. If the unit is used in a dusty environment you may need to clean it on a weekly basis.

Preparation for Storage

If you are not going to be using the unit for an extended period of time, follow the instructions below before storing your unit:

- 1) Drain all the water from the unit's reservoir. Operate the unit in fan mode for a few hours to thoroughly dry any moisture left on the coils inside the unit.
- 2) Power off the unit, and clean or change the filters.
- 3) Unplug and carefully wind the power cord.
- 4) Remove the exhaust hose and duct connectors and keep them in a safe place.

Troubleshooting

Follow the troubleshooting guide below to resolve common issues.

Issue	Possible Cause	Solution
My air conditioner is not functioning at all.	Unit is not receiving power.	Make sure the unit is plugged in to a grounded outlet.
	LCDI power cord is tripped.	Press the Reset button on the LCDI cord.
	Insufficient power.	Move the unit to another outlet. Check your circuit breaker. (Refer to the rating label on the back of the unit to determine the Amperage draw).
	Water reservoir is full.	Drain the unit and restart.
	Control panel is disconnected.	If no indicator lights turn on, contact customer service.
My remote control does not work and the indicator light on remote does not turn on.	Batteries not installed.	Install new batteries.
	Bad batteries.	Replace the batteries.
	Batteries installed incorrectly.	Reinstall the batteries correctly.
	A defective remote control.	Contact customer service.
My air conditioner is making a loud noise.	The unit is not level.	Make sure the unit is on a level surface.
	A foreign object has jammed the fan.	Remove the object from the fan.
	The floor below the unit is uneven.	Move the unit to a level surface.
My air conditioner is making a continuous metallic knocking or pinging sound.	Unit may have been shipped on its side.	Shut off the unit. Let the unit sit on a level surface for at least 24 hours and restart.
	Damaged compressor.	Contact customer service.
My air conditioner is leaking.	Drain plug is removed.	Attach the drain plug.
	Cracked base pan.	Contact customer service.
My air conditioner runs for a little while and then it trips the power cord or the circuit breaker.	The air conditioner may be plugged into an outlet that can not supply the correct amount of current.	Contact an electrician if the unit works in a different room or circuit.
The control panel lights blink randomly.	Unit may have a faulty control panel.	Contact customer service.
No air comes out the left side of the air vent.	The unit is designed to blow air from the right.	This is normal operation.

TIP: Run the unit before it is needed. For example, run the unit in the morning before the area gets hot, and continue to run the unit all day long in order to maintain a low temperature.

Troubleshooting continued

Issue	Possible Cause	Solution
My air conditioner is not cooling at all.	Unit is not operating in cooling mode.	Set the unit to be in cooling mode, and lower the set temperature (pg. 13).
	The compressor is not on.	The compressor may take up to 3 minutes to turn on, or longer if it is too warm.
	The ambient temperature is too high.	Lower the room temperature to be below 90°F degrees.
	The filter may be dusty or blocked.	Clean the filters. (pg. 16)
	Blocked exhaust port.	Remove any obstructions in the exhaust hose and port.
My air conditioner blows cold air, but does not lower the room temperature.	The unit is not vented.	The unit must be vented. (pg. 4)
	The area of the room is too large.	Minimize the size of the area to be cooled, i.e. adding a drop ceiling. Use more than one unit to cool the area, or use a larger unit.
	Open windows and doors.	Close any open doors and windows.
	Too many heat sources.	Remove or shut off additional heat sources such as radio equipment, servers, etc.
	The room/garage may be inadequately insulated.	Properly insulate the room to be cooled, i.e. using fiberglass.
	The ambient temperature is too high.	The unit may not work if the room temperature is above 90°F.
	Direct sunlight is heating the room.	Close curtains or pull down blinds, and minimize the direct sunlight into the room.
	The filter may be dusty or blocked.	Clean the filter and replace it if needed.
	Dirty condenser coils.	Carefully vacuum the coils clean.
Obstructed air intake or exhaust ports.	Remove anything blocking the ports.	

NOTE: If the ambient temperature is above 90°F the unit may not blow cold air.

Specifications

Description of product	Portable Air Conditioner
Model	AP14002HS
Voltage/Frequency	AC 115V~60Hz
Input Power (Cooling)	1332W
Input Power (Heating)	1255W
Current	12A
BTU	14,000
Color	Silver with Stainless Steel Front
Coolant/Quantity	R-410A/21.5oz
Timer	24 Hour
Dimensions WxHxD	18 ½" W x 33 ¼"H x 13" D
Weight	72.8 lbs
Temperature Range	60° - 86°F

EDGESTAR[®] Product Warranty

Warranty Period	Edgestar will be responsible for:	Consumer will be responsible for:
1st year	All costs for repairing or replacing parts and/or unit which proves to be defective. All transportation costs in the first 90 days.	All transportation costs after 90 days.
Limited 2nd-3rd year (compressor only)	Repairing or replacing any compressor which proves to be defective. (Labor not included)	Labor and all transportation costs.

This product is warranted by EdgeStar and is subject to any conditions set forth as follows:

WHAT IS COVERED:

One Year Parts and Labor: For one year from the date of original retail purchase, EdgeStar will repair or replace any part free of charge including labor that fails due to a defect in materials or workmanship. EdgeStar will be responsible for all transportation costs for the first 90 days from original purchase date, after 90 days the consumer will be responsible. Labor will be performed free of charge at an authorized EdgeStar repair facility and EdgeStar will supply new, rebuilt, or refurbished parts free of charge. EdgeStar may request a defective part be returned in exchange for the replacement part. After the 12 month period, EdgeStar will no longer be responsible for labor charges incurred or replacement parts. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to an EdgeStar authorized repair facility.

Three Year Limited Warranty (Compressor- Labor Not Included): In the second through third year from the date of original retail purchase, EdgeStar will replace the compressor free of charge. The consumer will be responsible for all transportation and labor costs. EdgeStar will supply a new, rebuilt, or refurbished compressor and may request for the defective compressor to be returned in exchange. This limited 3-Year warranty is for the compressor only and does not include labor.

All warranties apply to the original purchaser only, and only covers defects in workmanship experienced during operation of the product under normal service, maintenance, and usage conditions. This warranty applies to the purchase and use of this product in residential settings within the United States of America. All products and parts replaced by EdgeStar under warranty service become the property of EdgeStar. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to an EdgeStar authorized repair facility.

Exceptions: Commercial or Rental Use Warranty: 90 days labor and parts from date of original purchase. No other warranty applies.

OBTAINING WARRANTY SERVICE: If you believe your product is defective, contact EdgeStar Customer Support for troubleshooting assistance and warranty service at www.edgestar.com or call 1-866-319-5473. Before contacting Customer Support you are required to have your model number, serial number and proof of purchase available upon request. Once an EdgeStar authorized representative has confirmed that your product is defective and eligible for warranty service, the product must be returned to an EdgeStar authorized repair facility. EdgeStar is not responsible for damage resulting from shipper mishandling or improper packaging. Do not return a defective product to the place of purchase. Products received without a return authorization number will be refused.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS DISTRIBUTORS SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

WHAT IS NOT COVERED- The following limitations apply to the coverage of this warranty. This warranty does not cover:

Labor charges for installation, setup or training to use the product. Shipping damage, and any damage caused by improper packaging for shipment to an authorized service center, and any damaged caused by improper voltage or any other misuse, including abnormal service, handling, or usage. Cosmetic damage such as scratches and dents. Normal wear and tear on parts or replacement of parts designed to be replaced, e.g. filters, cartridges, batteries. Service trips to deliver, pick-up, or repair, install the product, or to instruct in proper usage of the product. Damages or operating problems resulting from misuse, abuse, operation outside environmental specifications, uses contrary to instructions provided in the owner's manual, accidents, acts of God, vermin, fire, flood, improper installation, unauthorized service, maintenance negligence, unauthorized installation or modification, or commercial use. Labor, service transportation, and shipping charges for the removal and replacement of defective parts, beyond the initial 12 month period. Products that have been modified to perform outside of specifications without the prior written permission of EdgeStar. Products lost in shipment, or theft. Products sold AS IS or from an unauthorized reseller. Products that have had their serial numbers removed, defaced, or with serial numbers that have been invalidated. Damage from other than normal household use. Replacement or repair of household fuses, circuit breakers, wiring or plumbing. Damage to personal property from use of product. Damage from service other than from an authorized EdgeStar repair facility. Hoses, knobs, lint trays and all attachments, accessories and disposable parts. Any service charges not specifically identified as normal such as normal service area or hours. Any special or consequential damages arising out of the use of the product.

EDGESTAR[®]

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Register your product, download owner's manuals, access additional troubleshooting resources, and obtain more information on other great EdgeStar products on the web at: <http://www.edgestar.com>

Product contents and specifications may change without notice.

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