

# carson

## PORTABLE AIR CONDITIONER PA300 II



## User Manual

[Revision 6.0 March 2020]

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READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

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# Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You **CAN** be KILLED or SERIOUSLY INJURED if you do not follow instructions.



You **CAN** be INJURED if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment, or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

## General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

## General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol or medication.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities.

## General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start or run the engine until all leaks are fixed.

## General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines OUTSIDE only, and far away from windows, doors and vents.

## General Equipment Use and Care

- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety	General Electrical Safety	General Service Information
<ul style="list-style-type: none"> <li>Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.</li> <li>Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.</li> <li>When wiring electrically powered equipment, follow all electrical and safety codes.</li> <li>Wherever possible, use a residual current device (RCD).</li> <li>High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</li> </ul>	<ul style="list-style-type: none"> <li>Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.</li> <li>Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.</li> <li>Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.</li> <li>Do NOT use electrical equipment in wet conditions or in damp locations.</li> <li>Do NOT use electrical cords to lift, move or carry equipment.</li> <li>Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.</li> </ul>	<ul style="list-style-type: none"> <li>The equipment must be serviced or repaired at authorised service centres by qualified personnel only.</li> <li>Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.</li> <li>Do NOT attempt any maintenance or repair work not described in this manual.</li> <li>After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before making adjustments, changing accessories or performing repair or maintenance.</li> <li>Do NOT make adjustments while the equipment is running.</li> <li>Perform service related activities in suitable conditions, such as a workshop.</li> <li>Replace worn, damaged or missing warning/safety labels immediately.</li> </ul>

#### Portable Air Conditioner Safety





















- Read all instructions.
- Disconnect the power plug before dismantling, assembling or before cleaning.
- Avoid touching mobile parts of the appliance.
- Never insert fingers, pencils or any other objects through the guards whenever the power plug is connected, especially while running.
- The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the unit safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not use the appliance for any other purpose than its intended use.
- The appliance must not be used if the guards are not fastened according to instructions.
- When the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person to avoid a hazard.
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier.
- The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of doubt we suggest waiting for at least 24 hours before you start the air-conditioning unit.
- Avoid restarting the air conditioning unit unless 4 minutes have passed since being turned off, or the compressor may get damaged.
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided ON/OFF switch located on the control panel.
- Always place the portable air conditioner on a dry stable surface.

#### Energy Saving Tips

- Do not cover or restrict the airflow from the Outlet or Inlet grills.
- The minimum distance from furniture and wall should be 50cm.
- Keep blinds and /or draperies, on any windows, closed during the sunniest part of the day.
- Keep the filters clean. Under normal conditions, the filters should be cleaned approximately every 30 days. Since the filters remove airborne particles, more frequent cleaning may be necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the Fan switch to Low cool and lower the thermostat to a comfortable setting.

## Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc, replace them.

 <p><b>Flammable Material Hazard</b> Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p><b>Read User Manual</b> Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p><b>Use Hand Protection</b> Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p><b>Electrocution / Electrical Shock Hazard</b> High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p><b>Toxic Fumes / Dust Hazard</b> Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p><b>Explosive Material Hazard</b> Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p><b>Cutting / Amputation Hazard</b> The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p><b>Crush Hazard</b> The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Single Operator Only</b> The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p><b>Use Face Protection</b> Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p><b>Use Foot Protection</b> Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p><b>Use Eye / Ear / Head Protection</b> Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing and head hazards.</p>	 <p><b>Running Hazard</b> Do not run on or near the product as doing so may present a fall hazard.</p>	 <p><b>Diving Hazard</b> Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p><b>Adult Supervision Required</b> Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p><b>Skin Penetration / Puncture Hazard</b> The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p><b>Hot Surface Hazard</b> Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p><b>Flying Debris Hazard</b> Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p><b>Moving Parts Hazard</b> Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

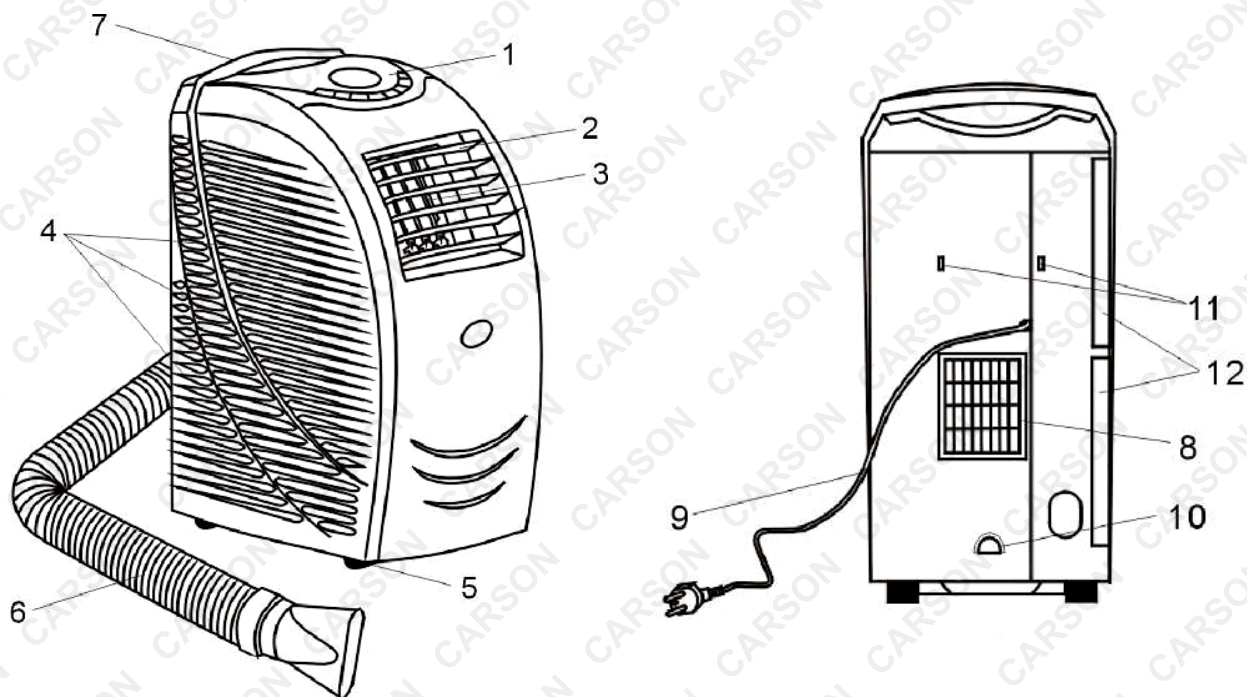


 <p><b>Carbon-Monoxide Hazard</b> Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p><b>Pull Hazard</b> Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p><b>Slope / Fall Injury Hazard</b> Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p><b>"Slam Dunk" Warning</b> Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p><b>Electrocution / Electrical Shock Hazard - Outdoor</b> High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp or wet conditions. Electrical shock can be fatal.</p>	 <p><b>Electrocution / Electrical Shock Hazard - Disconnect</b> High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p><b>Power Line Electrocution Hazard</b> High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p><b>"Kick-Back" Hazard</b> High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p><b>Winch Operator Position Hazard</b> Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p><b>Winch Lift Hazard</b> Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p><b>Cable Hazard</b> Ensure that load bearing cable is not kinked or knotted.</p>	 <p><b>Winch Cable Hazard</b> Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p><b>Winch Hook Hazard</b> Carry hook to load – do NOT throw or run.</p>	 <p><b>Flash / Blinding Hazard</b> Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p><b>Laser Hazard</b> Laser may be in use – do NOT look directly at laser, or allow others to.</p>	

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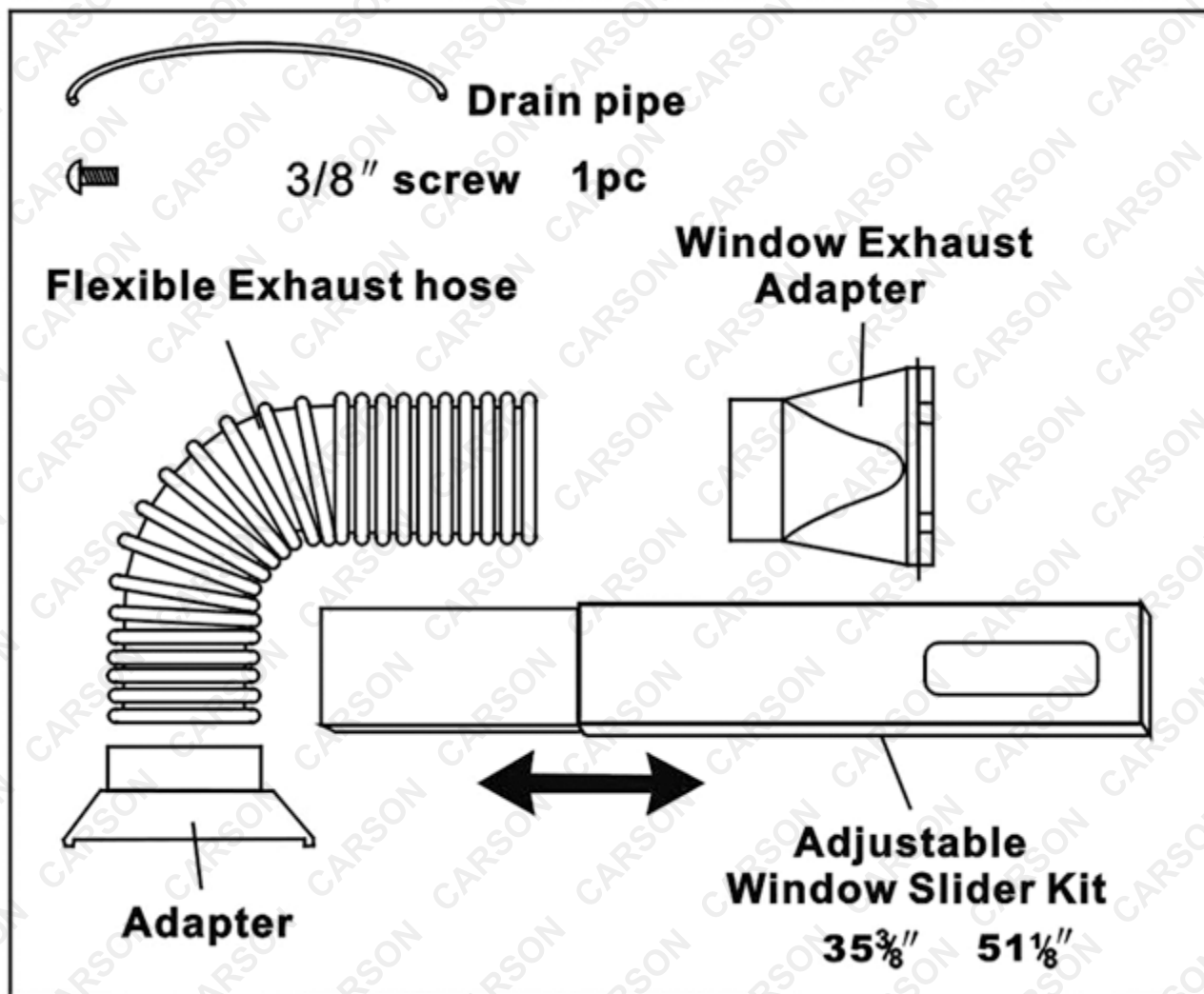
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## Parts Identification



No.	Name
1	Control panel
2	Horizontal louver
3	Vertical louver
4	Air inlet grille
5	Castor
6	Exhaust duct
7	Handle
8	Air outlet grille
9	Power cord and plug
10	Water injection port
11	Power and hook
12	Air filter

## Installation Accessories



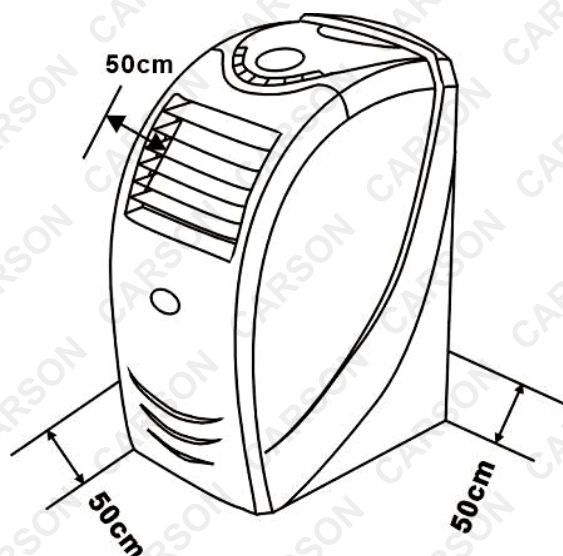
- **1 set** Flexible exhaust hose with adapters ( $\Phi$ :15cm Stretch from 36 up to 150cm)
- **1pc.** Window exhaust adapter (flat mouth)
- **1 set** Adjustable window slider kit from 35 3/8" (90cm) up to 51 1/8" (130cm)
- **1pc.** Screw (3/8")



## Assembly and Set-Up

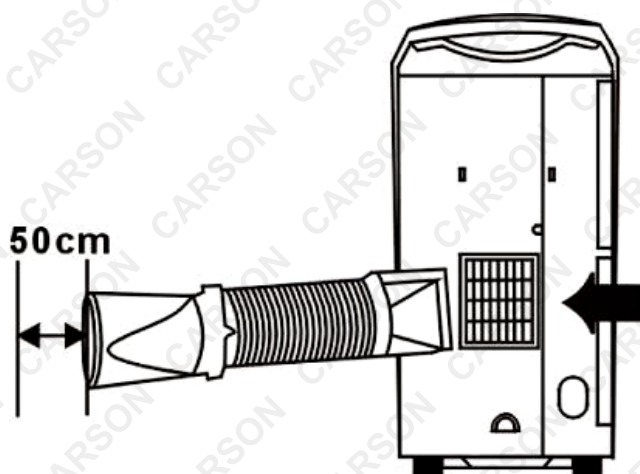
### Selecting Your Location

Install the air-conditioner in a flat, dry location, allowing 50cm of space around the air-conditioner in all directions to allow for adequate circulation of air (when the hose is not connected).



### Exhaust Pipe Assembly

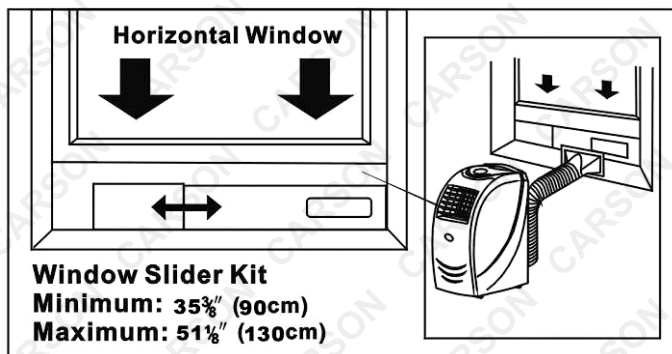
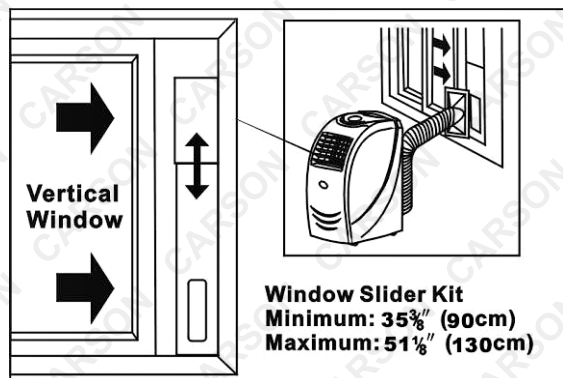
1. Fix the square end of the exhaust pipe to the exhaust terminal of the unit.
2. Put the other end (discharge) to the nearest window. Leave at least 50cm of free space around it.



The length of the air exhaust duct is between 60 to 170cm or 180cm with adapters included. We suggest using the minimum length of the air exhaust dust. That can save energy for you. **This length has been designed according to the specifications of this air conditioner unit. Do not use an extension or a different hose as that may lead to malfunctioning of the unit.**

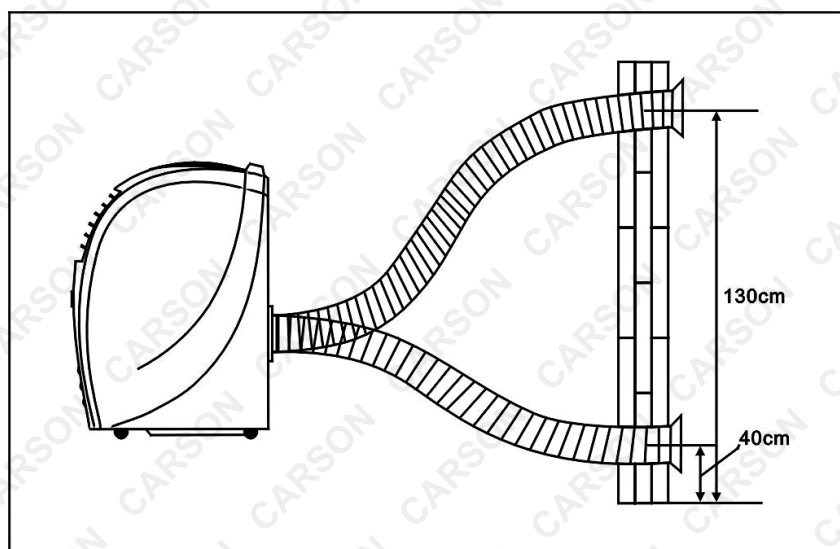
## Window Kit Installation

The window kit has been designed to fit most standard vertical and horizontal windows. However, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. Please refer to the illustrations below.

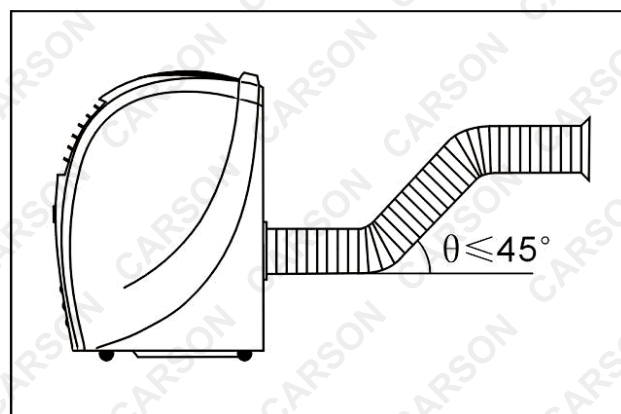
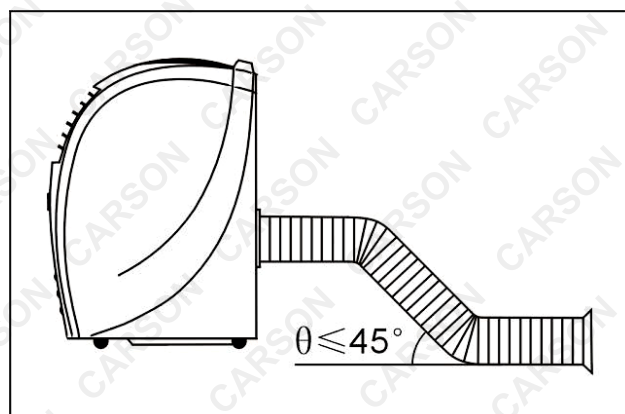


## Installation Examples

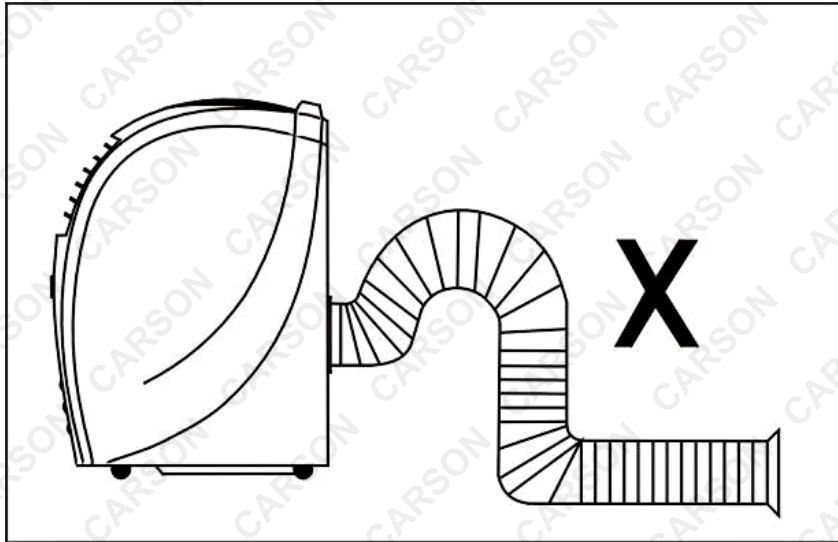
### Wall Mounted Exhaust



### Correct Pipe Bending



## Incorrect Pipe Bending



# Operation

## Control Panel



If the unit is turned OFF in COOL / DRY / HEAT Mode and restarted immediately, it will wait for at least 3 minutes before running again.



## Buttons



**TIMER:** Press this button to set the timer.



**SWING:** Press this button to make the vertical louver swing automatically. Press once again, the swinging motion will stop.



**SPEED:** Press this button for 5 seconds to select HIGH, MIDDLE or LOW Fan Speed.



**UP/DOWN:** Press up or down button to set temperature or adjust the time in Timer mode. Press both buttons to vary from Celsius to Fahrenheit.



**MODE:** Press this button to select COOL, HEAT, DRY or FAN Mode.



**ECON:** Press this button to a set Energy Saving Mode (only in HEAT and COOL Mode). The set temperature is 27°C in COOL Mode and 23°C in HEAT Mode. The fan speed is set to low. These settings can't be changed. The LED display will flash  or  accordingly. Press again to cancel it when  or  is flashing.



**POWER:** Press this button to turn ON/OFF the unit.



## LED Display



Timer indicator



DRY, COOL, FAN and HEAT Mode indicator



HIGH, MIDDLE and LOW FAN speed indicator



Water Full indicator



Water empty indicator (add water when this is flashing)



IR receiver window



Indicates the time and temperature. Display EX (X=2, 3) when there is something wrong. Displays E4 when coil has been defrosted.

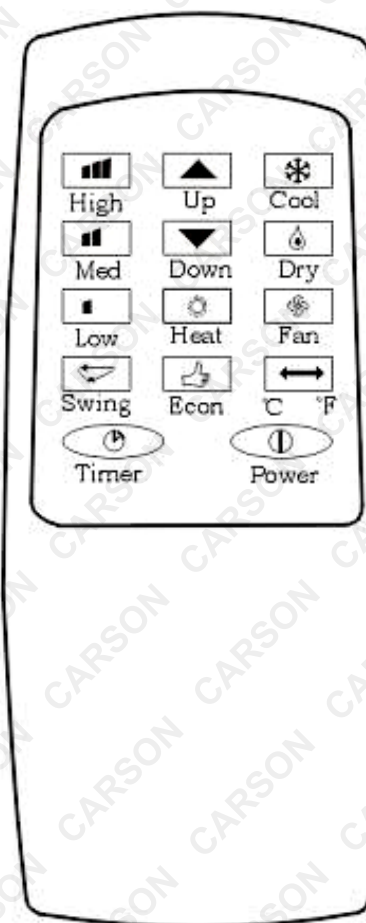


Celsius and Fahrenheit indicator.



## Remote Control

	<b>Power</b>	Press this button to turn ON/OFF the unit.
	<b>Timer</b>	Press this button to set the timer.
	<b>Swing</b>	Press this button to make the vertical louver swing automatically.
	<b>°C °F</b>	Switch to and from Celsius and Fahrenheit temperature readings.
	<b>Cool</b>	Press this button to choose COOL Mode.
	<b>Heat</b>	Press this button to choose HEAT Mode.
	<b>Dry</b>	Press this button to choose DRY Mode.
	<b>Fan</b>	Press this button to choose Fan mode.
	<b>Up</b>	Press Up or Down button to set the temperature or adjust the time in TIMER Mode.
	<b>Down</b>	
	<b>High</b>	Press this button to select high fan speed.
	<b>Med</b>	Press this button to select middle fan speed.
	<b>Low</b>	Press this button to select low fan speed.
	<b>Econ</b>	Press this button to a set Energy Saving Mode only in COOL and HEAT Mode. The set temperature is 27°C in COOL Mode and 23°C HEAT Mode. The fan speed is set to low. These settings can't be changed.



## Operation Methods

### Timer Settings

- **Set timer-off**

Press the Timer button when the unit is ON. The LED will flash “\_” five Times. During this period, press Up or Down button to adjust set time from 0.5h to 24h. It will vary 0.5h each time in 3h and 1h each time hereafter. The set time will flash 5 times after adjusting. When it will display temperature again. Once the set time ends, the unit will turn off automatically.

- **Change the set time**




When Timer is ON, you can check the remaining time by pressing the Timer button. It will flash 5 times. Press Up or Down button to adjust set time. The set time can also be cancelled if you press the Timer button once again during the flashing time.





- **Set timer-on**

- Press the Timer button when the unit is OFF. Same as timer-off set. Once the set time ends, the unit will turn ON automatically.


### Cooling, Heating and Dehumidifying Operations

- **Cooling/Heating Operation**

Press Mode button or  to choose COOL/HEAT Mode. Press Up or Down button or   to set a proper room temperature. The range is 18 – 30°C (64 – 86°F). The temperature will increase or decrease 1°C or 1°F each time.

Press Speed button or    to choose a proper fan speed. Press Swing button or  to adjust the direction of vertical louver. Adjust horizontal louver by hand.

- **Dehumidifying Operation**

Press Mode button or  to choose Dry mode. The fan speed is set to Low and the LED will display the room temperature. These settings cannot be changed.

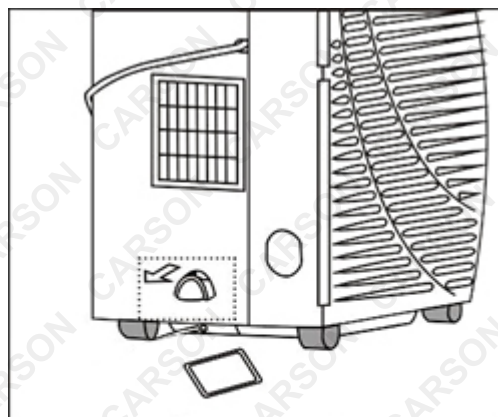


• In Cool Mode, when the water Injection indicator lights up, you can inject some water through the injection port before cooling operation (no longer than High level). • You should only drain water in Heat and Dehumidifying mode. The unit will stop working when water level exceeds the high level. • Do not use air exhaust duct when in Dry or Fan modes. • If your room is directly exposed to the sun, provide adequate shade and cooling to the room.

## Water Drainage Methods

This unit has a self-evaporative system. The condensing water will recycle to cool the condenser. This water-cooler mode can not only improve cooling efficiency and decrease noise, but also save energy for you.

- When in Cooling Mode, the water from the evaporator will flow into an interior pan. When the water reaches the low level, the water pump will start working until the water is under the low level. When the water reaches the high level, the compressor will stop working and the water pump, lower fan and upper fan motors will turn ON.
- When in Heating Mode, the water pump will not work.
- When the water is full, the Water Full Indicator will light up and the compressor will stop working. The buzzer will buzz 10 times every 5 minutes until the water is below the high level or drained manually. When the alarm stops and after a three-minute restart delay, the unit will work normally again.
- Move the unit gently when the water is high, as the water may spill from the inside of the unit.
- When there is not enough water for pumping, the pump will stop working. At the same time, the Water Injection indicator on the control panel will light-up (💧). Inject water into the water drawer carefully. To avoid water flooding from the under pan, you should inject no more than 1800ml (three cups) of water. This operation helps save 20 – 30% energy.



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**Note on the drain pipe/tube size:** A tube/hose with a diameter of 20mm will suffice.

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## Maintenance

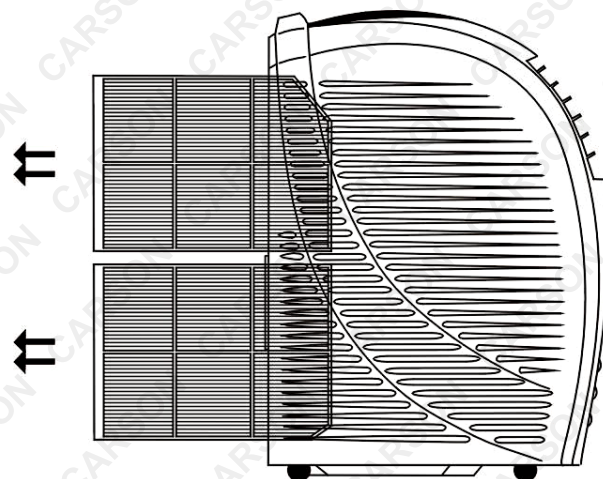
### Cleaning the Surface

1. Turn OFF the unit and pull the plug out of the socket before any cleaning.
2. Clean the surface of the unit with a duster or a half-wet soft cloth. Do not use chemical solvent like benzene, alcohol, gasoline, etc., or the surface could be damaged or even become deformed.

### Cleaning the Air Filter

If the air filter is blocked with a lot of dust, the efficiency of the unit will be greatly reduced. Clean the filter every two weeks.

1. Pull out the air filter carefully.
2. Wash the air filter by immersing it gently in warm water (under 40°C or 104°F) mixed with a neutral detergent. Rinse the filter and air-dry it in a cool, dry location.
3. Push the air filter back into its original position.



### Postseason Storage

1. Remove the water from the drain pan. You can remove the water entirely by slanting the unit backwards. Set the Fan Mode, then press the Fan button for 5 seconds until the lower fan starts-up. After that, operate the unit in Fan Mode for half a day until the pipe is completely dry. This will dry the inside of the unit out and prevent mildew from growing inside.
2. Turn off the air-conditioner and unplug it.
3. Wind and fasten the power cord up.
4. Remove and store the exhaust pipe.
5. Cover the air-conditioner with a plastic bag to keep dust out and store in a cool, dry place.
6. Remove the batteries from the remote control.



## Troubleshooting

If you experience any issues with the air-conditioner, please refer to this table to see if you can troubleshoot and correct the problem yourself.

Trouble	Check	Solution
The unit doesn't operate at all.	<ul style="list-style-type: none"> <li>Is it a power failure? Is the plug out?</li> <li>Is the power fuse or switch turned OFF? Is the set time suitable?</li> <li>Is the Water Full Alarm ON?</li> </ul>	<ul style="list-style-type: none"> <li>Insert the plug into the socket.</li> <li>Change the fuse or switch the unit ON.</li> <li>Change the set time. Pour out excess water.</li> </ul>
Cooling/Heating efficiency is inadequate.	<ul style="list-style-type: none"> <li>Is air inlet or outlet blocked? Are there any other heat sources in the room?</li> <li>Are the air filters dirty?</li> <li>Is the set temperature suitable?</li> <li>Is fan speed set to low?</li> </ul>	<ul style="list-style-type: none"> <li>Clear off the blockade. Move the unit away from the heat source.</li> <li>Clean the air filter. Change temperature setting.</li> <li>Select a more suitable fan speed.</li> </ul>
Too noisy and vibrates strongly.	It's coming from the refrigerant flowing inside. Is the unit placed on an inclined surface?	Place the unit on a flat, stable surface.
The unit starts and stops frequently.	<ul style="list-style-type: none"> <li>Is the voltage normal?</li> <li>Is the exhaust tube positioned correctly or is it bent?</li> <li>Have you added an extra exhaust tube?</li> </ul>	<ul style="list-style-type: none"> <li>Turn off the unit if the voltage is abnormal.</li> <li>Set the exhaust tube correctly.</li> <li>Remove the extra tube.</li> </ul>



**Stop operating the unit and pull the plug out in case something enumerated as follows happens. Contact a professional service centre for help.** • The fuse and switch often break. • The power cord gives off too much heat or the sleeve of the power cord is broken. • An abnormal odour or smoke coming out of the unit.

## Error Codes

- **E2:** Room temperature faults
- **E3:** Faulty coil temperature

**NOTE:** When the display shows **E4**, it only means that the coil has been defrosted. This is normal.



## Specifications

<b>Model</b>	PA300 II
<b>Cooling Capacity</b>	5.68kW
<b>Heating Capacity</b>	6.04kW
<b>Noise Level</b>	56dB
<b>Refrigerant/Charge</b>	R410A/820g (CFC free)
<b>Airflow Volume</b>	580m³/h
<b>Cooling input power</b>	1950W
<b>Heater input power</b>	1980W
<b>Operating pressure</b>	2.0MPa/4.8MPa
<b>Max Pressure</b>	2.2MPa/5.5MPa
<b>Power Plug</b>	Australian Standard (10Amp)



**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

