

carson



Portable Air Conditioner - PA250 II

User Manual

[Revision 3.0 December 2019]

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.

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"> Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately. Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment. When wiring electrically powered equipment, follow all electrical and safety codes. Wherever possible, use a residual current device (RCD). 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. 	<ul style="list-style-type: none"> Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet. Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord. Do NOT use equipment that has exposed wiring, damaged switches, covers or guards. Do NOT use electrical equipment in wet conditions or in damp locations. Do NOT use electrical cords to lift, move or carry equipment. Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards. 	<ul style="list-style-type: none"> The equipment must be serviced or repaired at authorised service centres by qualified personnel only. Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained. Do NOT attempt any maintenance or repair work not described in this manual. 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. Do NOT make adjustments while the equipment is running. Perform service related activities in suitable conditions, such as a workshop. Replace worn, damaged or missing warning/safety labels immediately.

Portable Air Conditioner Safety

- This air-conditioner is suitable for indoor use only rather than for other occasions.
- Rated operating range: this unit shall be connected to 220 -240V/50Hz power output end.
- The air-conditioner shall be installed in accordance with the wiring rules of local grid to ensure proper grounding. Should you have any question about electrical installation, follow the User's Manual or have the installation done by professional electrician whenever necessary.
- Please put this unit in a flat and dry place and keep it at least 50cm away from surrounding objects or walls.
- Once the air-conditioner is installed, ensure that the plug wire is in good condition and inserted firmly into the power socket and always ensure that the power cord is arranged in order to prevent the personnel from stumbling over it or the plug from being pulled out.
- Do not insert any object into the air inlet/outlet of the air-conditioner. Be sure to keep the air inlet/outlet of the air-conditioner unblocked.
- Where there is the need to install a drain pipe, ensure that the connection of the drain pipe is in good condition without flexure.
- When adjusting the horizontal/vertical louver at the air outlet, turn it slightly by hand to avoid damage of the louver.
- Keep the unit in an upright position when moving it.
- Keep this unit away from gasoline, flammable gases, oven or other heat sources.
- Do not dismantle, inspect or modify the unit without authorization as this may result in fault of the unit, and even bodily injury & property damage; to avoid dangers, if the unit is faulty, be sure to have it repaired by the manufacturer or professionals.
- Do not install and operate this air-conditioner in a bathroom or other wet environments.
- Do not allow the children to play with this machine. Closely supervise the children or disabled people when this unit is in use.
- Do not turn off this unit by removing the plug.
- Do not place such objects as cups on the unit to prevent water or other liquids from spilling into the air-conditioner.
- Do not use pest control aerosol or other flammable substances near the air-conditioner.
- Do not wipe or wash the air-conditioner with chemical solvents such as gasolines and alcohols, etc. Before cleaning the air-conditioner, be sure to turn off the power supply and wipe it with soft semi-wet cloth; if the machine is indeed very dirty, wipe it with neutral cleaner.
- Do not operate this unit if the ambient temperature is greater than 35°C in the cooling mode or lower than 5°C in the heating mode.

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.

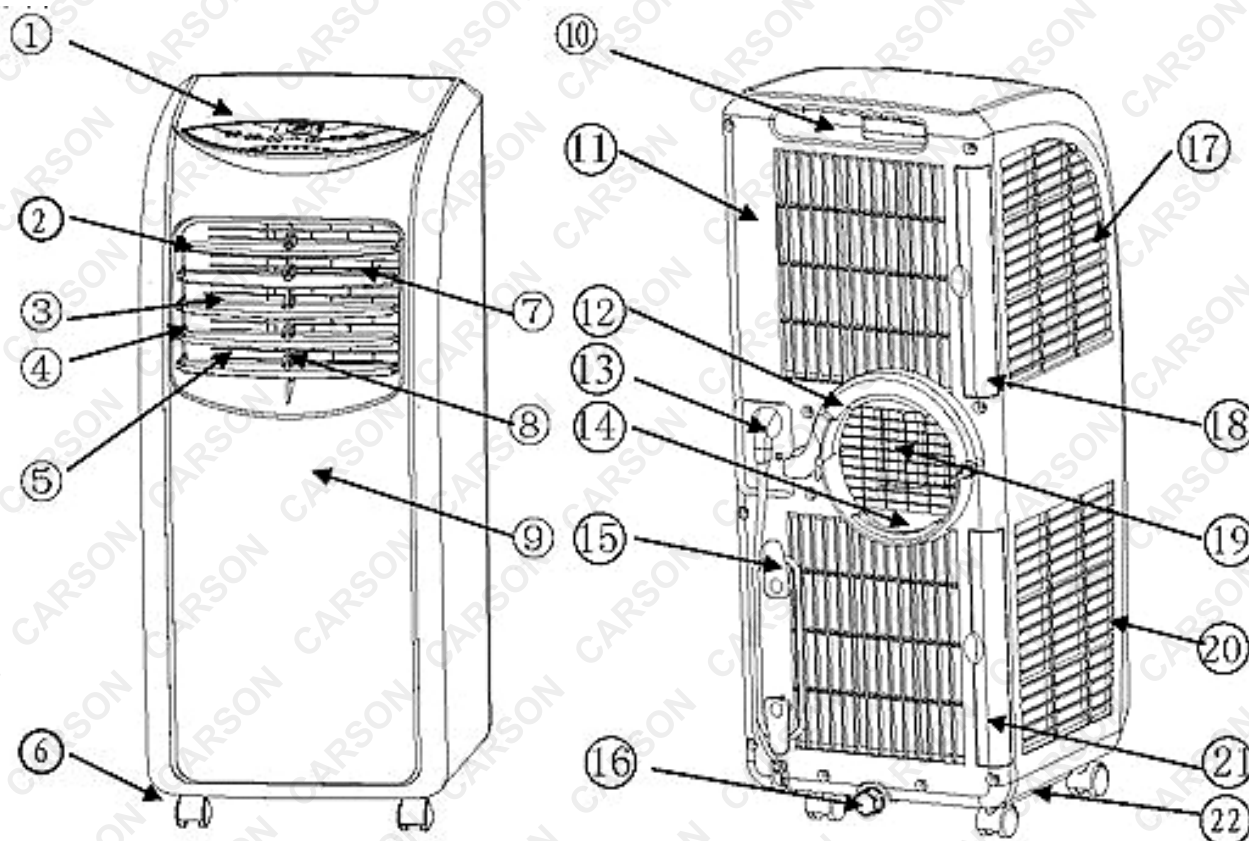
 <p>Flammable Material Hazard Flammable liquids, gases or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard 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>Toxic Fumes / Dust Hazard 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>Explosive Material Hazard Combustible liquids, gases or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard 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>Crush Hazard 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>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection 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>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection 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>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard 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>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard 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>Moving Parts Hazard 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>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard 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>Slope / Fall Injury Hazard 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>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor 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>Electrocution / Electrical Shock Hazard - Disconnect 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>Power Line Electrocution Hazard 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>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser, or allow others to.</p>	

Table of Contents

Safety	2
Safety Symbols	4
Parts Identification.....	7
Assembly and Set-Up	8
Operation	11
Control Panel	11
Remote Control	11
Water Drainage	12
Manual Drainage	12
Integrated Self-Evaporation System.....	13
Maintenance	14
Handling the Unit.....	16
Postseason Storage.....	16
Troubleshooting.....	18
Specifications.....	19

Parts Identification



No.	Name	No.	Name
1	Control panel	12	C-shape buckle of the heat exhaust hose snap
2	Horizontal louvre	13	Power cord
3	Vertical louvre	14	Lower air duct bottom
4	Air outlet frame	15	Wire-winding post
5	Vertical Louvre connecting lever	16	Drain cap
6	Caster	17	Evaporator filter mesh
7	Horizontal louvre connecting lever	18	Evaporator filter frame
8	Main vertical louvre	19	Radiating fine mesh
9	Front shell	20	Condenser filter mesh
10	Handle position (right side: remote control storage area)	21	Condenser filter frame
11	Back shell	22	Base plate

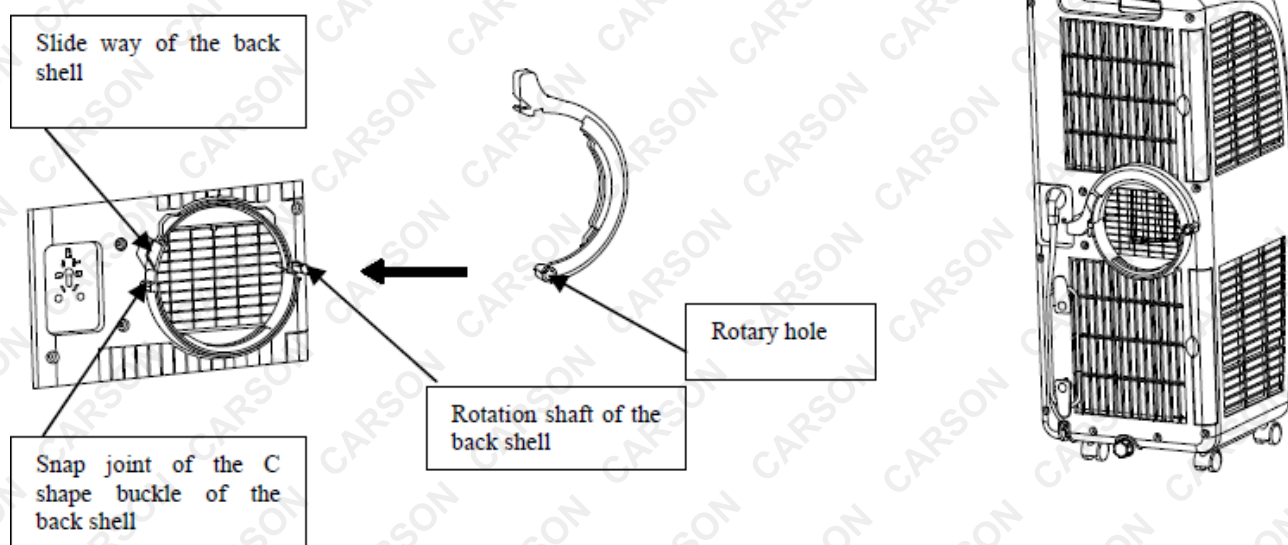
Assembly and Set-Up



Leave the mobile air-conditioner in an upright position for at least 2 hours before first use.

This air-conditioner may be moved indoor conveniently; leave the air-conditioner in an upright position while moving it. The air-conditioner should be placed on a flat, stable surface. Do not install or operate this air-conditioner in a bathroom or other wet environments.

Installation of the C-Shape Buckle of the Heat Exhaust Hose and Unit



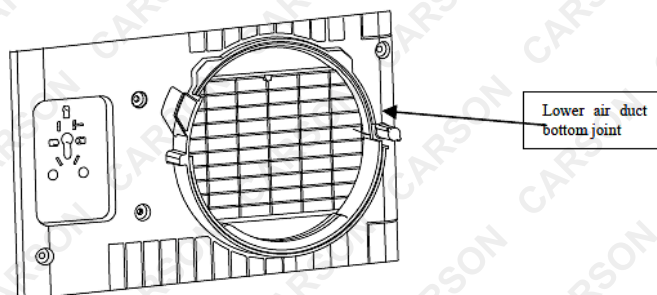
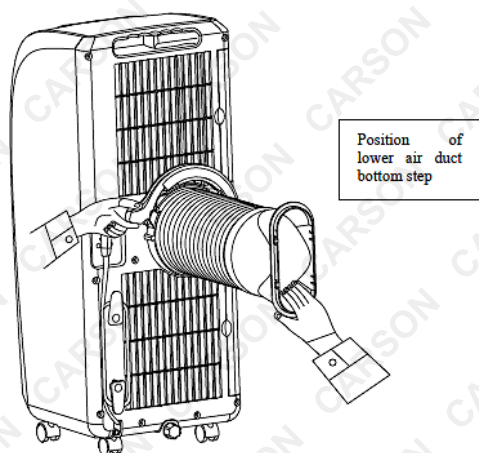
1. Take out the C-shape buckle of the heat exhaust hose and remove the plastic bag.
2. Point the rotary hole at the end of the heat exhaust hose snap toward the rotation shaft of the back shell and slide it onto the back shell in accordance with the snap joint direction of the rotation shaft on the back shell (as shown in the figure above).

NOTE: When the end snap joint at the end of the rotation shaft of the back shell sticks out, it means that the heat exhaust hose snap has been positioned into place.

3. Rotate the C-shape buckle of the heat exhaust hose that was positioned into place anti-clockwise to clip the snap joint of the C-shape buckle of the back shell successfully through the guide of the slide way of the back shell (as shown in the right part of the figure above).

NOTE: Do not rotate the C-shape buckle of the heat exhaust hose if it is not positioned into place as this may damage the rotation shaft of the back shell and the C-shape buckle of the heat exhaust hose.

Installation of the Heat Exhaust Hose Assembly and Unit



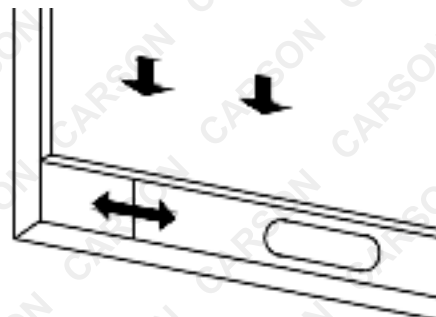
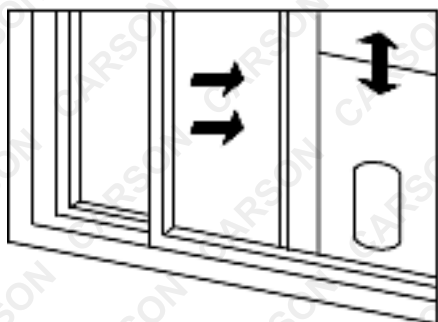
1. Pull the end of the heat exhaust hose apart by several turns.
2. Hold the end handle of the C-shape buckle of the heat exhaust hose with the left hand and the heat exhaust hose short connector with the right hand, put one end of the heat exhaust hose that is pulled apart onto the snap of the lower air duct bottom, press the C-shape buckle of the heat exhaust hose with the left hand by force so that the C-shape buckle of the heat exhaust hose clips the snap joint of the back shell (as shown in the right part of the figure above).

NOTE: The end of the heat exhaust hose must reach one step inside the bottom of the lower air duct (as shown in the figure above).

3. The few turns at the end of the heat exhaust hose must be snapped in the snap of the lower air duct bottom.
4. The C-shape buckle that clips the heat exhaust hose must clip the back shell and heat exhaust hose firmly.
5. Hold the unit with one hand and the heat exhaust hose short connector with another hand; or both people cooperate with one person holding the unit and the other person pulling the heat exhaust hose to prolong the heat exhaust hose gently.

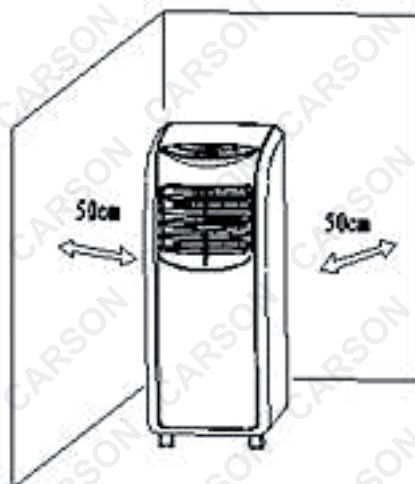
NOTE: • Do not separate the heat exhaust hose assembly from the unit. • Do not tilt the unit when pulling apart the heat exhaust hose.

Installation of the Window Sealing Board Assembly

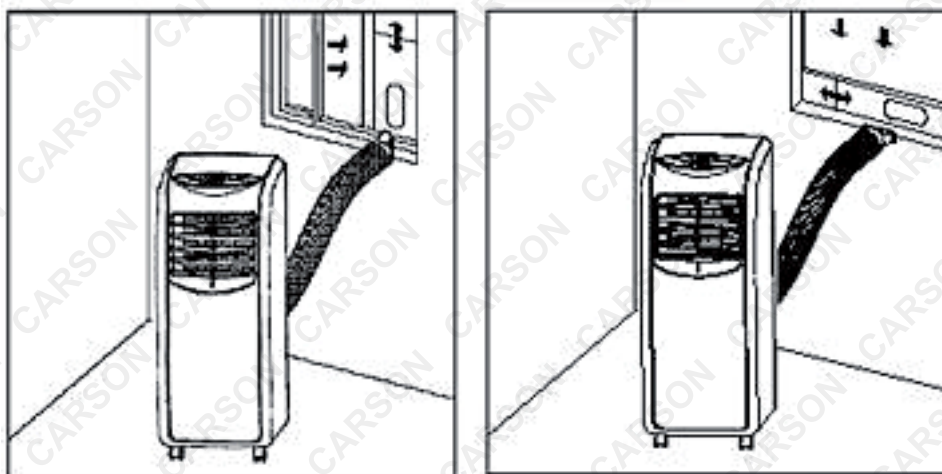


1. Half-open the window and mount the window sealing board assembly onto the window, either vertically or horizontally (as shown in the figures above).
2. Pull apart the parts of the window sealing board assembly, adjust the distance of the window sealing board assembly pulled apart so that the two ends of the assembly meet with the window frame, and fasten the parts of the assembly with copper screws.

Installation of the Unit



1. Move the machine with the heat exhaust hose assembly installed before the window and keep the unit at least 50cm away from the walls or other objects. (As shown in the figure above).



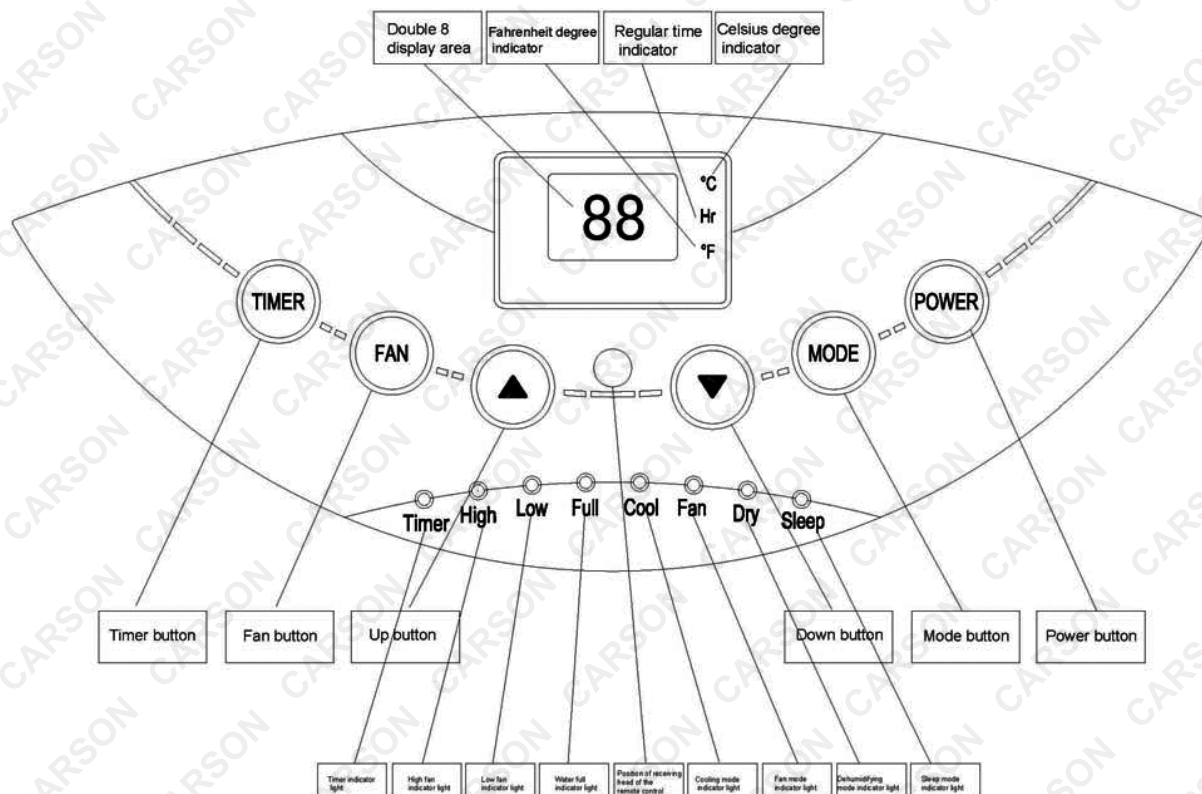
2. Snap the flat end of the heat exhaust hose short connector into the elliptical hole of the window sealing board assembly (as shown in the figures above).



NOTE: • The flat end of the heat exhaust hose short connector must be snapped into place. • The heat exhaust hose should not be bent and should be free from significant bending (greater than 45°), and the heat exhaust hose must be ventilated properly. • The exhaust hose is 270-1500mm long and this length is determined based on the specification of the unit. Do not overextend the hose or replace it with other different hoses as this may affect the functions of the air-conditioner. The exhaust pipe must be as straight as possible; air-conditioner may overheat if the exhaust pipe is obstructed.

Operation

Control Panel



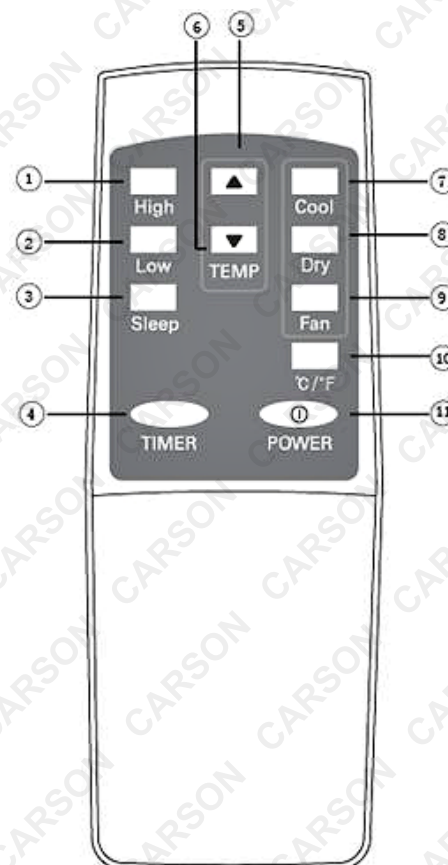
Remote Control

- **High:** Press this button to select high fan speed (except in Dry and Sleep modes).
- **Low:** Press this button to select low fan speed.
- **Sleep:** This mode keeps on changing every hour to give you a change of temperature by the time it's time to wake up.

It's designed to give you comfort during your sleep by increasing the temperature every hour as you require less cooling while asleep as your body gets cold.

To activate Sleep mode, the unit needs to be in Cool mode.

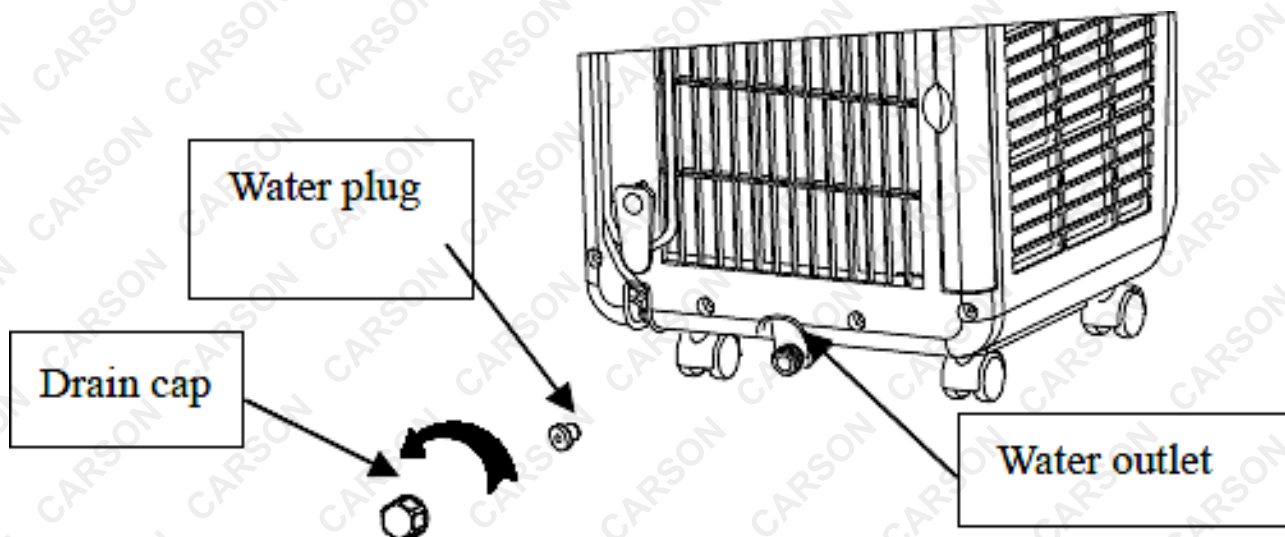
- **Timer:** When the unit is OFF, press this button to set the time for the unit to turn back ON. When the unit is ON, press this button to set the time for the unit to turn OFF.
- **Up:** Press Up or Down button to set the temperature or adjust the time in Timer mode.
- **Down:** Press Up or Down button to set the temperature or adjust the time in Timer mode.
- **Cool:** Press this button to choose Cool mode.
- **Dry:** Press this button to choose Dry mode.



- **Fan:** Press this button to choose Fan mode.
- **°C/°F:** Switch between Celsius and Fahrenheit temperature readings.
- **Power:** Press this button to turn the unit ON/OFF.

Water Drainage

Manual Drainage



1. Once the unit shuts down when the water level is full, turn OFF the power of the unit and then unplug the power plug.

NOTE: Move the unit carefully to avoid spillage of water in the water tray at the bottom of the unit.

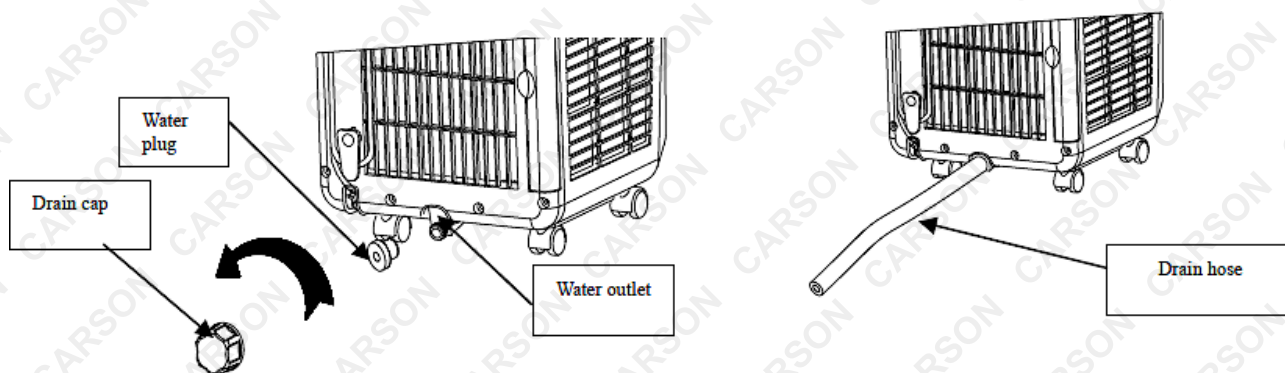
2. Put the container that holds water below the water outlet at the back of the unit.
3. Screw off the drain cap, unplug the water plug and water will flow into the container that holds water automatically.

NOTE: • Protect the drain cap and water plug properly. • Tilt the unit slightly backward when draining. • If the container that holds water can't hold all the water in the unit and before it becomes full, block the water outlet with the water plug as soon as possible to prevent water from flowing onto the ground or carpet.

4. Once the water is fully drained, insert the water plug and screw back the water cap tightly.

NOTE: Turn ON the unit only after the water plug and drain cap are installed properly; otherwise, the condensation of the unit will flow onto the ground or carpet.

Integrated Self-Evaporation System



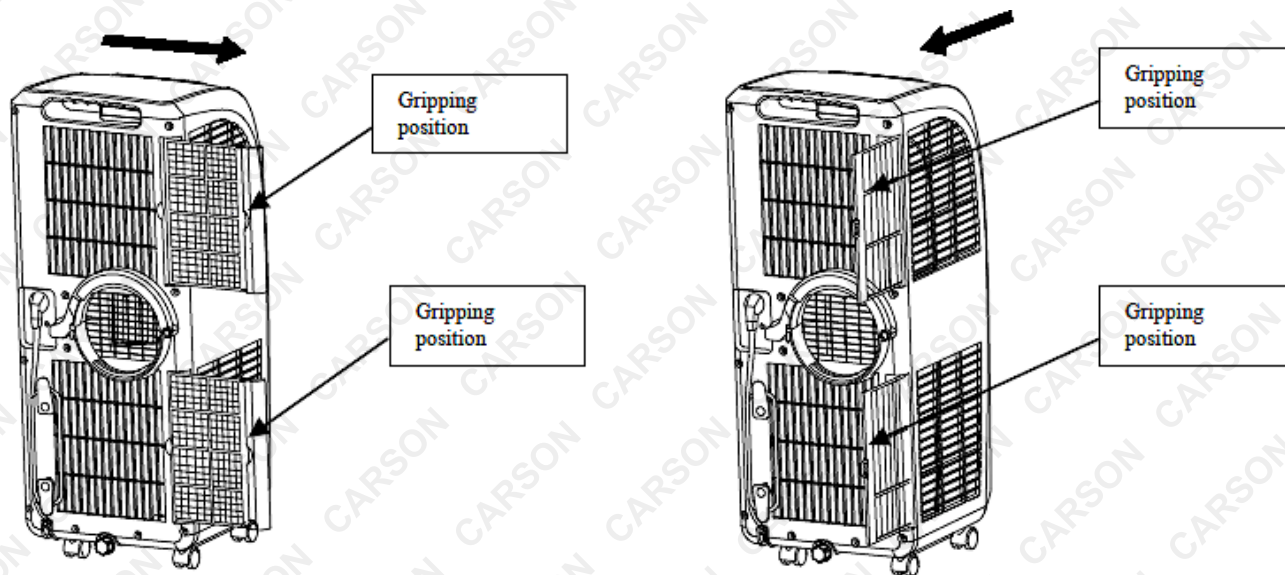
1. Screw off the water cap in the direction shown by the arrow above and unplug the water plug.
2. Insert the OD 13mm PVC drain hose 8-10mm into the water outlet (see right side of figure above).
3. Connect the drain hose to the WC or outside.

NOTE: • The drain hose must be installed when there is no water in the base plate. • When operating in Cooling Mode, to ensure that the water for radiating the condenser isn't lost and to enhance the cooling effects of the unit, it is recommended that the Integrated Self-Evaporation System should not be set too far when this unit is in use • When operating in Heating Mode, it is recommended to use the Integrated Self-Evaporation System to prevent the unit from shutting down due to full water. • Put the drainage hose in an inaccessible place at a height not above the water outlet and keep the drain hose free from any bending. When the Integrated Self-Evaporation System is being used, store away the drain cap and water plug properly.

Maintenance



Prior to maintenance and servicing of the unit, turn OFF the power and remove the plug from the socket.



Surface Cleaning

Clean the surface of the unit with a wet, soft cloth. Do not use chemical solvents such as alcohol and gasoline; otherwise, the surface of the air-conditioner may be damaged and even the whole unit could be damaged.

Cleaning the Filter Frame and Mesh

1. Clean the filter mesh once every two weeks. If the filter frame and mesh are clogged with dust, the function of the air-conditioner may decrease.
2. Grab any of the gripping positions of the evaporator filter frame and the condenser filter frame and take out the filter frame gently, in the direction shown by the arrow (as shown in the left part of the figure above).
3. Grab any of the gripping positions of the evaporator filter mesh and condenser filter mesh and take out the filter mesh gently, in the direction shown by the arrow as shown in the right part of the figure above).

NOTE: When taking out the filter frame or mesh, apply an even force to avoid twisting or damaging the filter frame or mesh. Take out the filter frame first and then take out the filter mesh.

4. Put the evaporator filter frame, condenser filter frame, evaporator filter mesh, and condenser filter mesh in warm water (about 40°C) that has been added with a neutral cleaner. Afterwards, air-dry them in a cool, dry location.

NOTE: Be careful not to damage the mesh fabric on the filter frame and mesh.

Installation of the Filter Frame and Mesh

NOTE: Install the filter mesh first and then the filter frame.

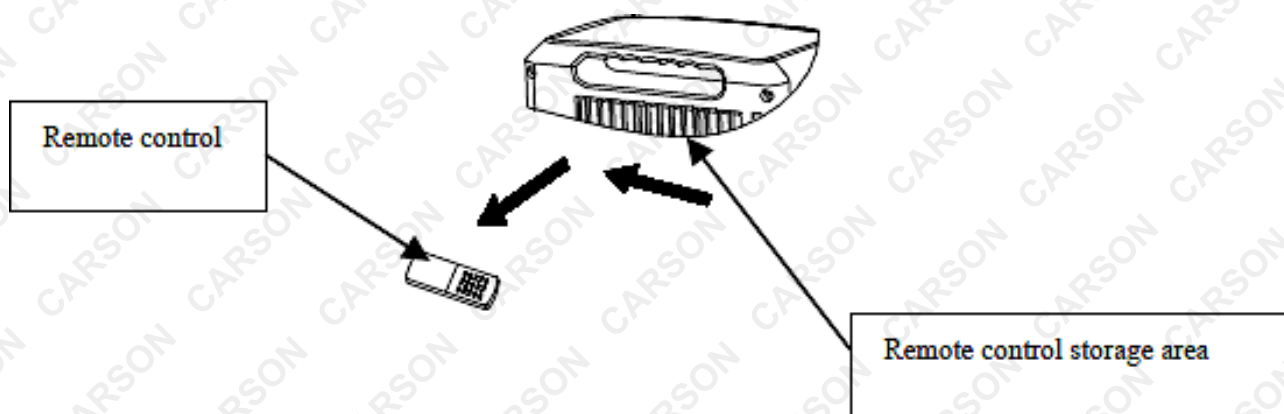
1. To install the evaporator filter mesh and condenser filter mesh, point the back end of the filter mesh towards the socket and then push the filter mesh evenly and gently into the socket.

NOTE: • Install the filter mesh in the reverse order of removal. The filter mesh must be installed first before the filter frame. • Install the filter mesh gently so as not to damage it.

2. To install the evaporator filter frame and condenser filter frame, point the back end of the filter frame toward the socket and then push the filter frame evenly and gently into the socket.

NOTE: • Install the filter frame in the reverse order of removal. Be sure to install the filter mesh first before the filter frame is installed. • Install the filter frame gently so as not to damage it.

Cleaning of the Handle Position and Remote-Control Storage Area

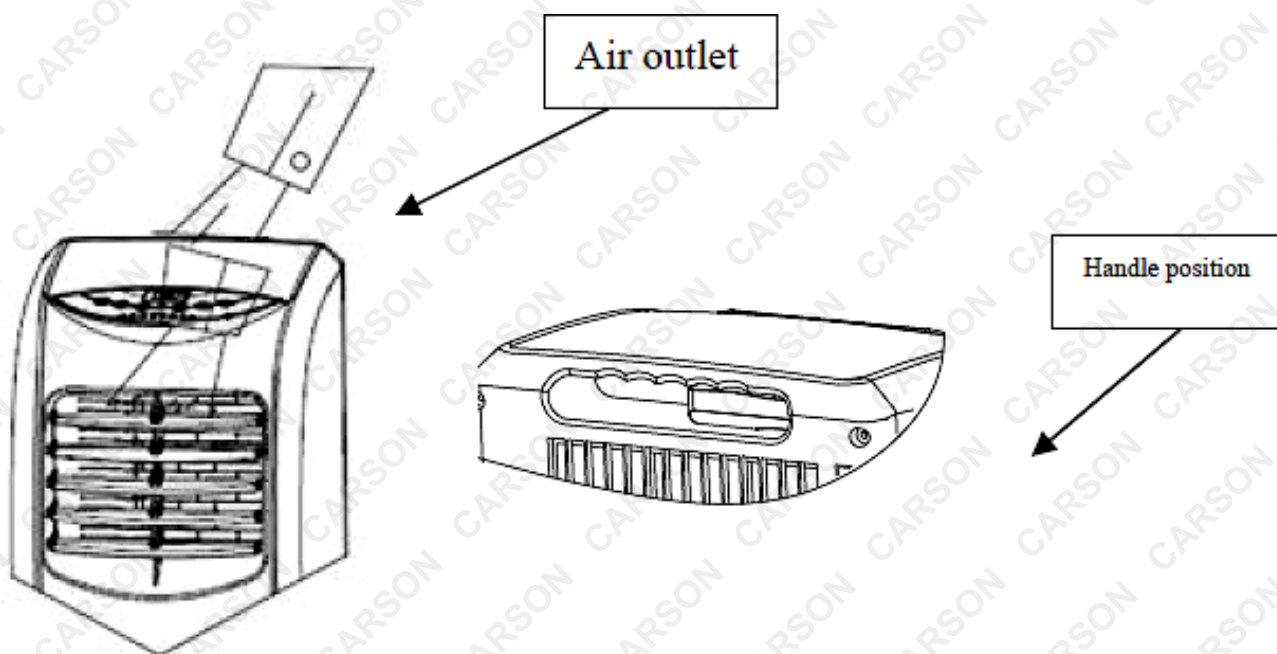


1. Take the remote control out of the remote-control storage area in the direction shown.
2. Clean the handle position and remote-control storage area with a damp, soft cloth.

NOTE: The cloth must be wringed out first. Do not drip water into the unit.

3. If the remote control needs to be put back into the remote-control storage area, put it back into the storage area in the reverse direction of removal.

Handling the Unit



Handling and Moving the Unit

1. To handle or move the unit, hold the top of the air outlet of the front shell with one hand and the handle position at the top of the back shell with another hand, and leave the unit in an upright position. (As shown in the figure above).

NOTE: • Do not hold the horizontal louvre by hand. • Leave the unit in the upright position when handling or moving it. • To handle or move the unit, drain the water in the unit first to prevent the water in the unit from flowing onto the ground or carpet. • If the remote control is in the storage area, take out the remote control first.

Postseason Storage

1. Screw off the drain cap, unplug the water plug and drain the water in the water tray to another container that holds water.

NOTE: The tilt angle of the unit must not be greater than 30°.

2. Start the unit and choose Low Fan Speed Mode. Keep this state for half a day to dry out the interior of the unit to prevent mildews from growing inside.
3. Turn the unit OFF, unplug the power plug and wrap the power cord around the wire-winding post. Insert the plug into the universal jack at the back shell of the unit, then install the water plug and drain cap.
4. Remove the heat exhaust hose assembly and store it properly.

NOTE: To remove the heat exhaust hose assembly, hold the handle of the C-shape buckle of the heat exhaust hose by hand, pull the C-shape buckle outward evenly, rotate the C-shape buckle of the heat exhaust hose clockwise once the buckle is separated from the snap position of the C-shape buckle of the back shell and then take out the heat exhaust hose assembly.

5. Pack the air-conditioner properly with soft plastic bag, put the unit in a dry place & take appropriate dust-proof measures, and keep the unit out of reach of children.

6. Take out the batteries of the remote control and store them properly.

NOTE: Ensure that the unit is stored in a cool, dry place. All accessories of the unit should be protected properly.

Troubleshooting

Never repair or remove parts of the air-conditioner yourself. Disqualified repair will void the warranty and may cause harm to the user and property. If you encounter any of the problems listed in the table below or the recommended remedy does not work, contact an authorised service centre.

Problem/fault indication	Cause	Remedy
The air-conditioner isn't working.	No power.	Connect the unit to a live socket and turn it on.
	Full water indicator illuminates?	Drain the water stored in the unit.
	Ambient temperature too low?	It is recommended that this unit be operated at 10-35°C.
	The room temperature is lower than the set temperature in Cooling Mode.	Change the set temperature.
Bad cooling or heating effects.	There is direct sunlight.	Draw the curtains or transfer the unit in a shadier area.
	There are doors and windows left open; the room is crowded or there are other heat sources while in Cooling Mode.	Close the door and windows; remove/turn off heat sources.
	Filter mesh is very dirty.	Clean or replace the filter mesh.
	Air inlet or air outlet is clogged with dirt.	Clean out the obstruction.
Unit is very noisy.	Air-conditioner is placed on an uneven and/or unstable surface.	Put the air-conditioner on a flat, stable surface (may reduce noise).
The compressor isn't working.	Initiation of overheat protection.	Wait for 3 minutes until the temperature decreases and then turn the unit back on.
The remote control does isn't working.	Too far from the unit.	Bring the remote control closer to the air-conditioner and ensure that the remote control points toward the receiving head of the unit.
	The remote control isn't pointing towards the receiving head of the unit.	
	The batteries have no more charge.	Replace the batteries.
Display E1.	Pipe temperature sensor failure.	Check the pipe temperature sensor and related circuits.
Display E2.	Room temperature sensor failure.	Check the room temperature sensor and related circuits.
Display E4.	Anti-freeze protection.	Normal functions will resume automatically once unit has been defrosted.
Full water indicator illuminates.	The water in the baseplate of the unit is already full.	Drain the water in the baseplate.

Specifications

Model	PA250 II
Noise level	Max 52dB
Refrigerant/Charge	R410A/480g
Cooling Capacity	4.4kW (16000BTU)
Cooling Input	1400W
Airflow Volume	450m ³ /h
Operating Pressure	1.8MPa/4.5MPa
Max Pressure	2.0MPa/5.5MPa
Input voltage	240V AC
Power Plug	10Amp, Australian Standard

**The frequency of emptying water is dependent on the level of humidity in the air and the mode the unit is operating in e.g. the dehumidify function will require more frequent emptying.*



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

- 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.

