CONTENTS

CONTENTS

BEFORE YOU BEGIN

PRODUCT DESCRIPTION

Our powerful portable air conditioners provide effective cooling for single rooms, creating a comfortable environment. They also feature ventilation and dehumidifying functions to circulate air and remove moisture.

They're self-contained systems that **do not** require any permanent installation, allowing you to move them to the spaces where they are needed most. They're commonly used in kitchens, temporary-resided, computer rooms, garages, and many other places where the installation of an Air-conditioner Outdoor Unit is limited.

The environmentally friendly R32 is used as the refrigerant. R32 has no damaging influence on the ozone layer (ODP), a negligible greenhouse effect (GWP) and is available worldwide. Because of its energy-efficient properties, R32 is highly suitable as a refrigerant for this application. Special precautions must be taken into consideration due to the refrigerant's high flammability.

SYMBOLS FROM THE UNIT AND USER MANUAL

	This unit uses a flammable refrigerant. If refrigerant leaks and comes into contact with fire or a heating part, it will create harmful gases and pose a fire risk.
	Read the USER MANUAL carefully before operating the unit.
	Further information is available in the USER MANUAL, SERVICE MANUAL, and related documents.
	Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

BEFORE YOU BEGIN

THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

- This appliance is intended to be used by an expert or trained users in shops, in light industry and on farms, or for commercial use by lay personnel.
- This appliance can be used by children over the age of 8, as well as personnel with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.
- The unit is designed only for use with R32 gas as the designated refrigerant.
- **The refrigerant loop is sealed. Only a qualified technician should attempt to service!**
- **Do not** discharge the refrigerant into the atmosphere.
- R32 is flammable and heavier than air.
- It collects first in low areas but can be circulated by the fans.
- If R32 gas is present or even suspected, **do not** allow untrained personnel to attempt to find the cause.
- The R32 gas used in the unit has no odor.
- The lack of smell does not indicate a lack of escaped gas.
- If a leak is detected, immediately evacuate all personnel from the store, ventilate the room and contact the local fire department to advise them that an R32 gas leak has occurred.
- **Do not** allow anyone to re-enter the room until the qualified service technician has arrived and confirmed that it is safe to return to the room.
- No open flames, cigarettes or other potential ignition sources should be used inside or near the unit.

- Component parts are designed for use with R32 gas, being non-incendive and non-sparking. Component parts shall only be replaced with identical replacement parts.

FAILURE TO FLLOW THIS WARNING COULD RESULT IN AN EXPLOSION, DEATH, INJURY OR PROPERTY DAMAGE.

FOR YOUR SAFETY

Your safety is the most important thing we care about!

WARNING!!!	Please read this manual carefully and fully understand it before operating your appliance.

OPERATIONAL PRECAUTIONS

Warning - To reduce the risk of fire, electric shock or injury to personnel or property:

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified personnel in order to avoid hazards.
- The appliance shall be disconnected from its power source during servicing.
- Always operate the unit from a power source with the same voltage, frequency and rating as indicated on the product identification plate.
- Always use a grounded power outlet.
- Unplug the power cord when cleaning or not in use.
- **Do not** operate with wet hands.
- **Do not** immerse or expose the unit to rain, moisture or any other liquid.
- **Do not** leave the unit running unattended.
- **Do not** tilt or turn over the unit.
- **Do not** unplug while the unit is operating.
- **Do not** unplug by pulling on the power cord.
- **Do not** use an extension cord or an adapter plug.
- **Do not** put objects on the unit.

FOR YOUR SAFETY

- **Do not** climb or sit on the unit.
- **Do not** insert fingers or other objects into the air outlet.
- **Do not** touch the air inlet or the aluminum fins of the unit.
- **Do not** operate the unit if it is dropped, damaged or malfunctioning.
- **Do not** clean the appliance with any chemicals.
- Ensure the unit is far away from fire, flammable, or explosive objects.
- The unit shall be installed in accordance with national wiring regulations.
- **Do not** use any methods to accelerate defrosting or cleaning, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuous ignition sources (for example: open flames, operating gas appliances or operating electric heaters).
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- **Do not** pierce or burn the unit, even after use.
- Be aware that refrigerants may not contain an odor.
- Pipe-work shall be protected from physical damage and shall not be installed in an unventilated space smaller than 4 m^2.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- The appliance shall be stored in a well-ventilated area where the room

FOR YOUR SAFETY

 WARNING!!!	Any person who is involved with working on or opening a refrigerant circuit should hold a currently valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry- recognized assessment specification.
 WARNING!!!	Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.

If you don't understand something or need help, please contact the dealer's service department.

SAFETY PRECAUTIONS ON SERVICING

Please follow these warnings when to undertake the following when servicing an appliance with R32.

Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

Work procedures

Work shall be undertaken under a controlled procedure so as to minimize the risk of flammable gas or vapor being present while the work is being performed.

FOR YOUR SAFETY

General work area

All maintenance staff and others working in the local area shall be instructed on the nature of the work being carried out. Work in confined spaces shall be avoided. The area around the work space shall be sectioned off. Ensure that the conditions within the area are safe by controlling flammable materials.

Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. no sparking, adequately sealed or intrinsically safe.

Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.

No ignition sources

No person carrying out work in relation to a refrigeration system that involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removal and disposal, during which flammable refrigerant can possibly be released into the surrounding space. Prior to work takes place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. “No Smoking” signs shall be displayed.

Ventilated area

Ensure that the area is in the open or that it is adequately ventilated before opening the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant, preferably expelling it externally into the atmosphere.

FOR YOUR SAFETY

Checks to the refrigeration equipment

When electrical components are being changed, they shall be fit for the purpose and meet the correct specification. The manufacturer's maintenance and service guidelines shall always be followed. If in doubt, consult the manufacturer's technical department for assistance.
The following checks shall be applied to installations using flammable refrigerants:
– The charge size is in accordance with the room size within which the refrigerant containing parts are installed;
– The ventilation machinery and outlets are operating adequately and are not obstructed;
– If an indirect refrigerating circuit is used, the secondary circuit shall be checked for the presence of refrigerant;
– Markings on the equipment must remain visible and legible. Markings and signs that are illegible shall be corrected;
– Refrigeration pipes or components are installed in a position where they are unlikely to be exposed to any substances that may corrode refrigerant containing components, unless the components are constructed of materials that are inherently resistant to being corroded or are suitably protected against corrosion.

Checks to electrical devices

Repair and maintenance of electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily resolved. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment to ensure parties are informed.
Initial safety checks shall include:
-those capacitors are discharged: this shall be done in a safe manner to avoid the possibility of sparking;
-that no live electrical components and wiring are exposed while charging, recovering or purging the system;
-that there is continuity of earth bonding.

WARNING!

Install the unit in rooms that exceed 4 m².
Do not install the unit in a place where flammable gas may leak.

FOR YOUR SAFETY

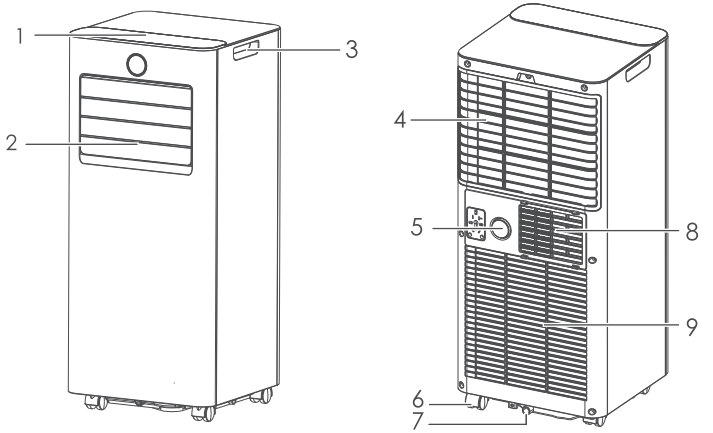
GENERAL MEASURES

1. The gas/vapor is heavier than air and may accumulate in confined spaces, particularly at or below ground level.
2. Eliminate every possible source of ignition.
3. Use appropriate personal protective equipment (PPE).
4. Evacuate unnecessary personnel, isolate the area, and ensure proper ventilation.
5. **Do not** contact with eyes, skin, or clothing.
6. **Do not** inhale vapors or gas.
7. Prevent entry to sewers and public waters.
8. Stop the source of the release, if safe to do so. Consider the use of water spray to disperse vapors.
9. Isolate the area until the gas has dispersed. Ventilate the area and test for gas before entering. Contact competent authorities after a spill.

PRODUCT OVERVIEW

PRODUCT DIAGRAM

Work shall be undertaken under a controlled procedure so as to minimize the risk of flammable gas or vapor being present while the work is being performed.



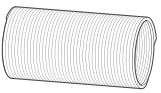
1. Control panel
2. Air outlet with adjustable louver
3. Handle
4. Air inlet with air filter
5. Upper drainage hole
6. Caster
7. Lower drainage hole
8. Air exhaust
9. Lower air inlet

Note: The appearance is only for reference. Please refer to the real product for detailed information.

PRODUCT OVERVIEW

UNPACKING

- Unpack the carton and take out the appliance and accessories.
- Check the device for any damage and if all accessories are present.
- Accessories:
  1. Exhaust hose
  2. Hose connector
  3. Window kit adapter
  4. Remote control
  5. Drain pipe
  6. Window kit
  7. Fixed metal fitting
  8. Washer
  9. Butterfly nut
  10. Exhaust hose sleeve kit
  11. User manual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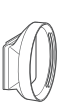
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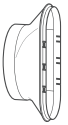
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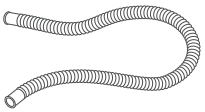
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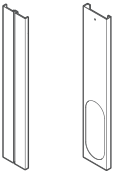
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Window kit A

Window kit B


7

X 2


8

X 2

9

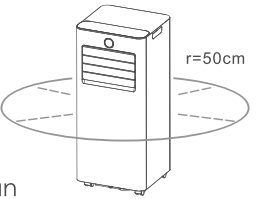
X 2

10

11

INSTALLATION

CHOOSE YOUR LOCATION



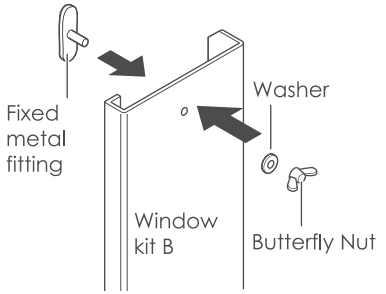
- If the unit tipped more than 45°, allow it to stand upright for at least 24 hours before start-up.
- Place the unit on a firm, level surface in an area with at least 50 cm of free space around it to allow for proper air circulation.
- **Do not** operate in close proximity to walls, curtains, or other objects that may block the air inlet and outlet. Keep the air inlet and outlet free of obstacles.
- **Never** install the unit where it could be subject to:
  - Heat sources such as radiators, heat registers, stoves or other products that produce heat.
  - Direct sunlight
  - Mechanical vibration or shock
  - Excessive dust
  - Lack of ventilation, such as cabinet or bookcase
  - Uneven surfaces

INSTALLATION

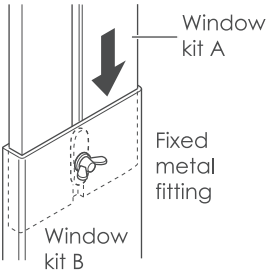
The installation method for the exhaust component

The air conditioner requires being vented outside so that the exhaust air can escape the room which coming from the appliance contains waste heat and moisture.

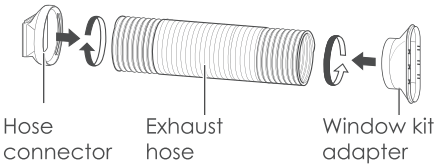
Do not replace or extend exhaust hose which will result in decreaseed efficiency, even worse shut down the unit due to low backpressure.



Insert the fixed metal fitting into the mounting hole of Window kit B and temporarily secure it using a washer and butterfly nut.

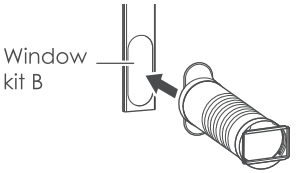


Insert Window kit A into Window kit B.
Place the fixed metal fitting vertically into the groove of Window kit A.



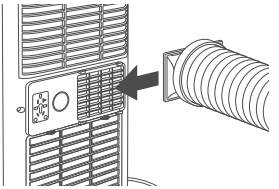
Assemble the exhaust hose
Extend both ends of the exhaust hose, then rotate the hose connector and window kit adapter for assembly.

INSTALLATION



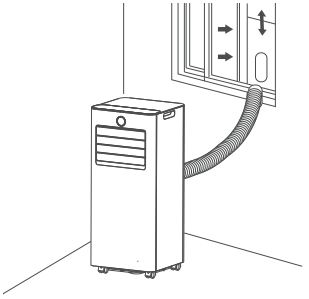
Install the Window kit adapter of the Exhaust hose into the installation hole on Window kit B.

Insert the Window kit adapter into the mounting hole and secure it with a hook.

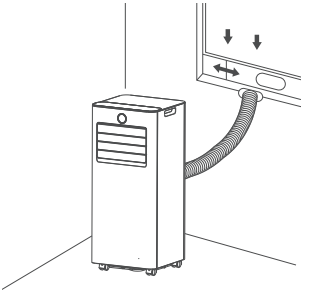


Connect the Exhaust Hose to the Air Exhaust Port on the Back of the Host Machine.

Insert the Hose connector of the Exhaust hose into the 4 clamps on the host machine's body and slide it until you hear a click.



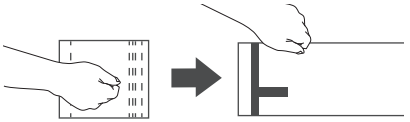
Install the window kit on the window. Clamp the assembled Window kit between the window and secure it.



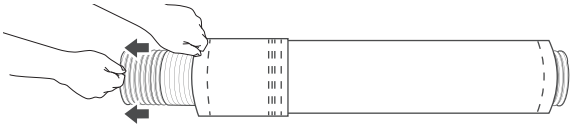
INSTALLATION

ATTACH THE EXHAUST HOSE SLEEVE KIT

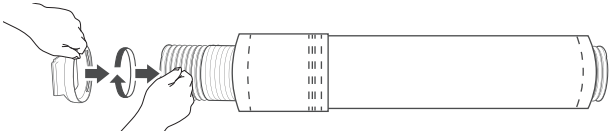
Step 1: Remove the exhaust hose and insulation hose sleeve kit from the packaging box. Extend the compressed exhaust hose to its full length and unfold the insulation hose sleeve kit flatly. Insert the shorter insulation hose sleeve kit into the longer one with an 8-10cm overlapping section. Connect the two insulation hose sleeve kits using Velcro fasteners.



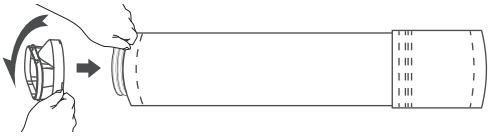
Step 2: Insert your hand into one end of the insulation hose sleeve kit and guide your arm through until it reaches the opposite end.grasp one end of the exhaust hose and pull the entire exhaust hose into the insulation hose sleeve kit, leaving only both ends of the exhaust hose exposed.



Step 3: Install the unit connector to one end of the exhaust hose. Align the internal threads of the connector with the external threads of the hose horizontally, then rotate the connector clockwise twice to lock it securely.



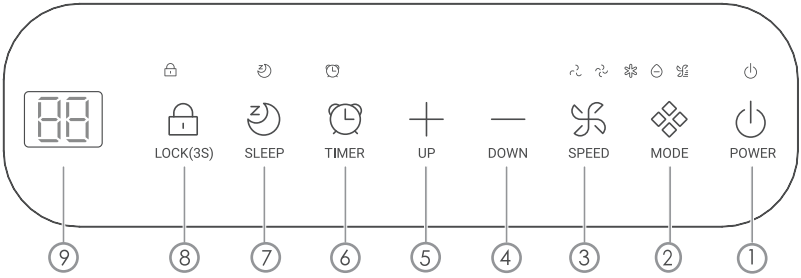
Step 4: Install the windows kit adapter to the other end of the exhaust hose. Align the internal threads of the adapter with the external threads of the exhaust hose horizontally, then rotate the adapter clockwise twice to lock it securely.



Step 5: Connect the assembled exhaust hose to the unit by attaching the unit connector end to the machine, and secure the other end to the window vent panel.

OPERATION

CONTROL PANEL AND DISPLAY



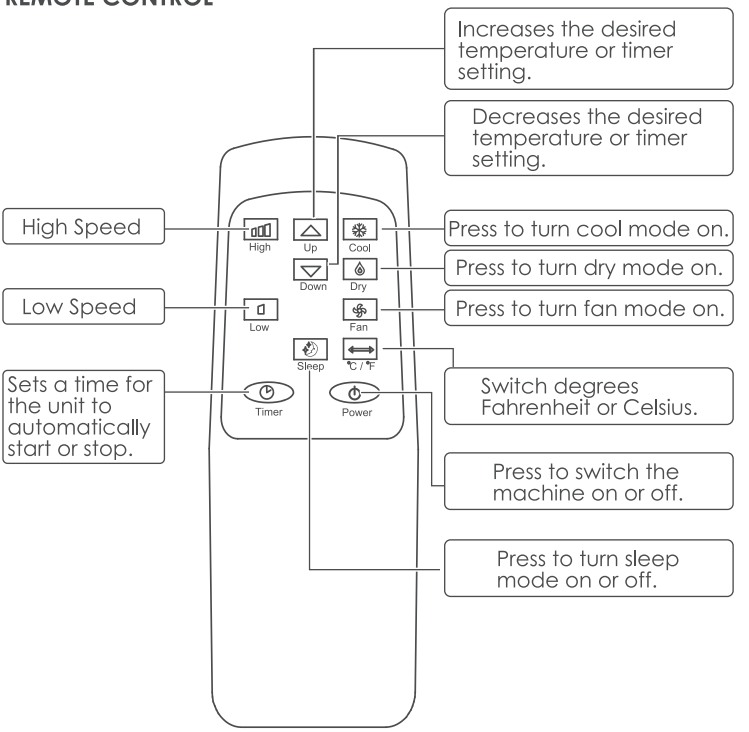
FUNCTION BUTTONS AND INDICATORS

①	POWER	Press to switch the machine on or off.
②	MODE	Press to switch the operation mode among Cool, Dry and Fan. Press and hold for 3 seconds to switch between Fahrenheit or Celsius.
③	SPEED	Press to switch the fan speed between HIGH and LOW.
④	DOWN	Decreases the desired temperature or timer setting.
⑤	UP	Increases the desired temperature or timer setting.
⑥	TIMER	Sets a time for the unit to automatically start or stop.
⑦	SLEEP	Press to turn sleep mode on or off.
⑧	LOCK	Long press to turn the child lock function on or off
⑨	Digital Display	Displays timer setting and temperature.

Note: Temperature regulation range: 16℃/61℉–32℃/90℉, time regulation range: 0-24h.

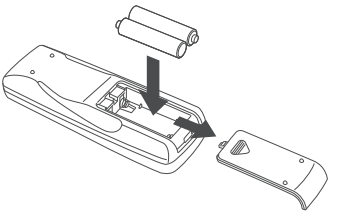
OPERATION

REMOTE CONTROL



Please install the battery correctly before using the remote control
The specific steps are as follows:

1. Slide to open the battery cover on the back;
2. Insert 2*AAA (DC1.5V) new batteries and install electrodes correctly when inserted;
3. Fit the batteries in place.



Warning:

1. Only AAA DC 1.5V batteries are allowed, never use chargeabe batteries or other types of batteries.
2. Replace both batteries; never mix new battery with old one.
3. Please remove batteries if the appliance is not to be used for a long time.

Note：The batteries is not included.

OPERATION

OPERATION MODE

The unit has three operation modes: Cool, Dry, Fan, and you can activate sleep mode in cool mode.

A.Cooling your room

Select the cool mode to lower the temperature in your room.

- Press the MODE button repeatedly until the COOL indicator lights up.
- Press the Up/Down button to adjust the temperature which is displayed on the screen.
- Press the SPEED button repeatedly until the desired fan speed indicator lights up.
- You can adjust the louver by hand to control the direction of airflow.

Note: The air conditioner stops if the room temperature is lower than the selected temperature.

B.Ventilating your room

- Press the MODE button repeatedly until the FAN indicator lights up.
- Press the SPEED button repeatedly to select the fan speed as desired.
- You can adjust the louver by hand to control the direction of airflow.

Note: In ventilation mode, the room air is circulated, but not cooled.

OPERATION

C.Drying your room

- Press MODE button to select the DRY MODE , the LED of DRY operation lights up. User should connect the hose to the upper drainage hole.
- You can adjust the louver by hand to control the direction of airflow.

Note: In this mode, the fan speed switches to low speed and cannot be selected.

D.Sleep mode

Sleep mode can be activated in cool mode.
After 1 hour, the preset temperature increases by 2℉. After another hour, the preset temperature increases by another 2℉. After 2 hours of sleep mode, the preset temperature will no longer rise.

Note: In this mode, the fan speed switches to low speed and cannot be selected.

OPERATION

TIMER SETTING（1hour-24hours）:

The timer has two ways of operation:

To turn off (When power on)	Press the Timer button to turn on the timer function.	Press Up /Down repeatedly to set the delay OFF time.
To turn on (When power off)	Press the Timer button to turn on the timer function.	Press Up /Down repeatedly to set the delay ON time.
Cancel timer	Press Up /Down repeatedly until the LED displays '00'. Note: Pressing POWER will also exit the timer setting.	

Automatic Defrost

At low room temperatures, frost may build up at the evaporator during operation. The unit will automatically start defrosting, and the POWER LED will blink.
It will be completed in 5-10 minutes.

Compressor Protection

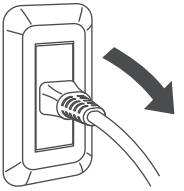
In the event of a power loss, a 3-minute delay is initiated to protect the compressor before it restarts.

OPERATION

MANUAL DRAINAGE

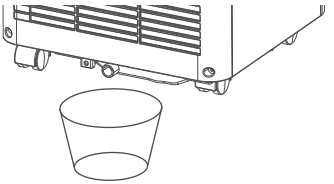
Most of the time, when using the portable air conditioner in COOL MODE, the amount of condensed water will be very small, so manual drainage is sufficient.

(1) When the machine stops and displays FL , please unplug the power plug.If necessary, move the machine to a location suitable for drainage.

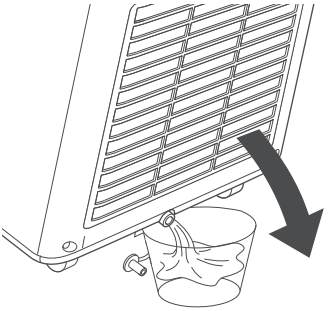


Notes: Please move the machine carefully, so as not to spill the water in the drain pan at the bottom of the body.

(2) Place the water container below the Lower drainage hole behind the body.If necessary, raise the device to a step or high place.



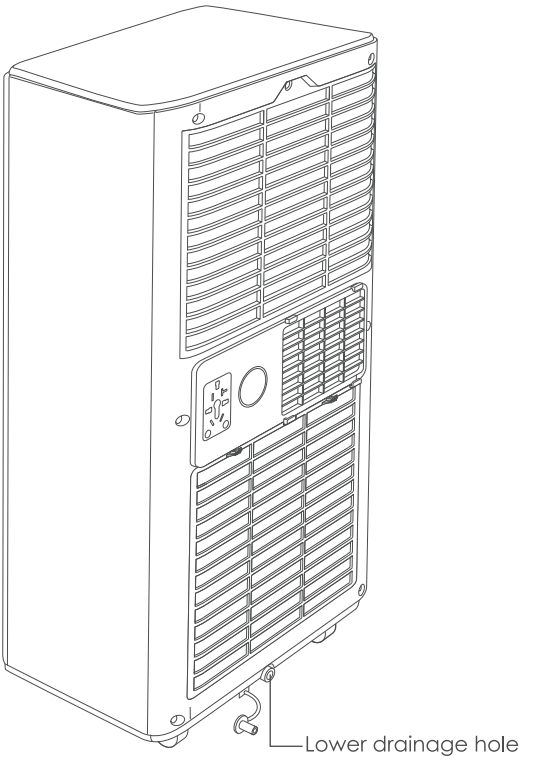
(3) Pull out the water plug, the water will automatically flow into the water container.



OPERATION

Notes:

1. During drainage, the body can be tilted slightly backward.
2. If the water container cannot hold all the water, before the water container is full, insert the drainage hole with the water plug as soon as possible to prevent water from spilling onto the floor or the carpet.
3. When the water is discharged, stuff the water plug.
4. Restart the machine after the water plug and drainage cover are installed, otherwise condensate water from the machine will spill onto the floor or carpet.



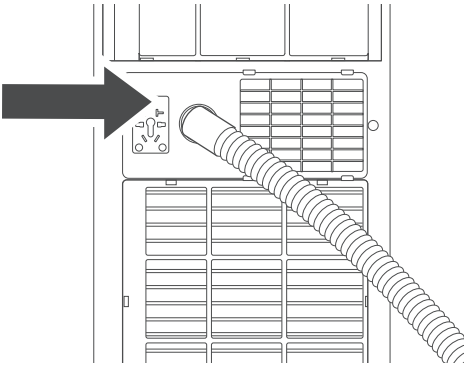
OPERATION

CONTINUOUS DRAINAGE

When using COOL MODE at high humidity levels, or when using DRY MODE, the amount of condensed water will be large, you may need to drain the water continuously.

This needs to be done

1. Switch off the unit before operating.
2. Remove the water plug of upper drainage hole.
3. Securely and properly connect the drain pipe, ensuring it is not kinked and free of obstruction.
4. Place the outlet of the drain pipe over a drain or bucket, ensuring that water could freely flow out of the unit.
5. Do not submerge the end of the drain pipe into water; otherwise it can cause an "Air Lock" in the hose.



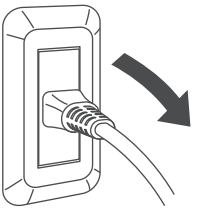
Securely attach the drain pipe to the upper drainage hole.

CLEANING AND CARE

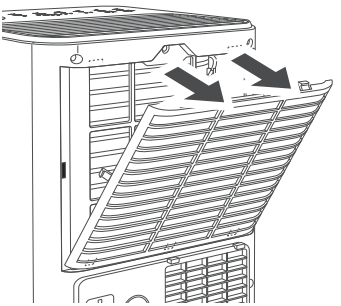
AIR FILTER CLEANING (every two weeks)

Dust collects on the filter and restricts the airflow. The restricted airflow reduces the efficiency of the system, and if the airflow becomes blocked, it can damage the unit.
The air filter requires regular cleaning. The air filter is removable for easy cleaning. **Do not** operate the unit without an air filter, otherwise the evaporator may be contaminated.

1. Press POWER button to switch off the unit and unplug the power cord.

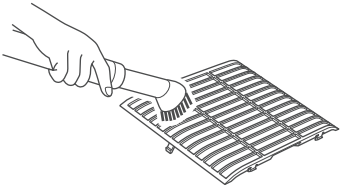


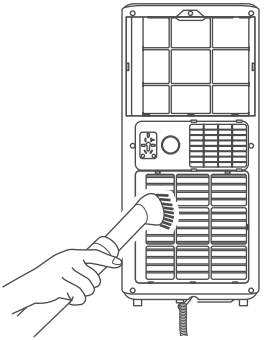
2. Remove the filter mesh from the unit.

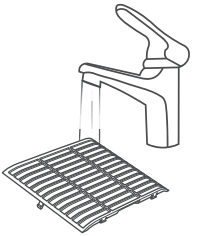


CLEANING AND CARE

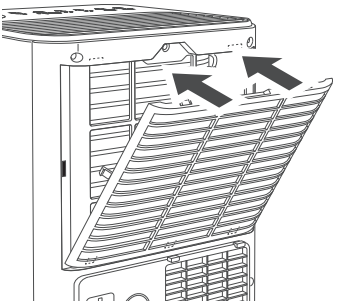
3. Use a vacuum cleaner to suck dust from the filter.
   Turn the filter over and rinse the air filter under running water.







4. Let the water run through the filter in the opposite direction of the airflow. Set the filter aside and allow it to air dry completely before reinstalling.



TROUBLESHOOTING

Symptom	Inspection	Solution
The unit is not operating.	Check if the power connection is secure.	Insert the power cord securely into the wall outlet.
	Check if the Digital Display shows FL, as the drain pan is full.	Empty the drain pan by removing the rubber plug.
	Check the room temperature.	Cool mode can only be turned on when the room temperature is above 16°C/61°F. Dry mode can only be turned on when the room temperature is between 5°C/41°F and 35°C/95°F.
The unit works with reduced capacity.	Check the air filter for dirt.	Clean the air filter as necessary.
	Check if the air duct is blocked.	Clear the obstacle.
	Check if the room door or window is open.	Keep the door and windows closed.
	Check if the desired operating mode is selected and the temperature is properly set.	Set the mode and temperature at the proper set-point according to the manual.
	The exhaust hose is detached.	Make sure the exhaust hose is securely attached.
Water Leakage	Overflow while moving the unit.	Empty the drain pan before transport.
	Check if the drain hose is kinked or bent.	Straighten the hose to avoid any traps.

TROUBLESHOOTING

Symptom		Inspection	Solution
Excessive Noise		Check if the unit is securely positioned.	Place the unit on horizontal and firm ground.
		Check for any loose, vibrating parts.	Secure and tighten the parts.
		Noise sounds like water flowing.	The noise comes from flowing refrigerant, which is normal.
Error Codes	E0	Communication faults between main PCB and display PCB.	Contact our service support team.
	E1	Ambient temperature sensor failure.	Contact our service support team.
	E2	Coil temperature sensor failure.	Contact our service support team.
	FL	Condensate water high level alarm.	Empty the drain pan by removing the rubber plug.

DECOMMISSIONING

STORAGE

Long-Term Storage - If you will not be using the unit for an extended period of time (more than a few weeks), it is best to clean the unit and dry it out completely. Please store the unit according to the following steps:

1. Unplug the unit and remove the exhaust hose and window kit. Store them with the unit.
2. Drain the remaining water from the unit.
3. Clean the filter and let it dry completely in a shaded area.
4. Reinstall the filter in its original position.
5. The unit must be kept in an upright position during storage.
6. Preserve the machine in a well-ventilated, dry, non-corrosive gas and safe indoor place.

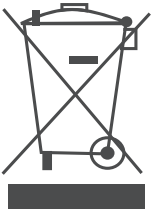
ATTENTION:

The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and molds. Unplug the unit and place it in a dry, open area for several days to dry it out. Another way to dry the unit is to turn on the machine, adjust it to low-wind ventilation mode, and maintain this state until the drainage pipe becomes dry, so as to keep the inside of the body in a dry state and prevent it from mildewing.

DISPOSAL

Warning!!!	Releasing refrigerant into the atmosphere is strictly prohibited!

Do not dispose of electrical appliances as unsorted municipal waste, and use separate collection facilities. Contact your local government for information on available collection systems. If electrical appliances are disposed of in land□fills or dumps, hazardous substances can leak into the groundwater and enter the food chain, which can harm your health and well-being.



TECHNICAL SPECIFICATIONS

Technical Parameters		
Product Name	Product Model	Power Supply
Portable Air Conditioner	CAS-BT10000T(W)-US	115V~60Hz
ASHRAE Cooling Capacity	SACC	CEER
10000Btu/h	6000Btu/h	6.7 Btu/hr.W
Rated Input Current	Refrigerant/Charge	Low Side Pressure
7.8A	R32/6.71oz	260psi
High Side Pressure	BCSC	Compressor Input
550psi	15A	RLA:6.2A/LRA:35A
Fan Motor Power	Product Dimension (Length×Width×Height)	Place of production
1.5A/0.18HP	300 × 300 × 700 mm	P.R.C

Packing List			
Portable Air Conditioner	Exhaust hose	Hose connector	Window kit adapter
× 1	× 1	× 1	× 1
Remote control	Drain pipe (0.65m)	Window kit A	Window kit B
× 1	× 1	× 1	× 1
Washer	Fixed metal fitting	Butterfly nut	Exhaust hose sleeve kit
× 2	× 2	× 2	× 1
User manual			
× 1			

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including irnterference that may cause undesired operation.

For Household Use Only
Please refer to the instruction booklet for complete warranty.