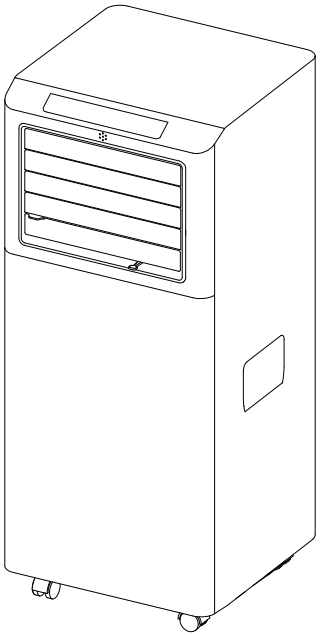
Global Commander

# Portable Air Conditioner

User Manual



**MODEL:**
**PAG-S05KCO610C**
**PAG-S06KCO630C**

Thank you for selecting our quality appliance.
Please be sure to read this user manual carefully before using.
Any question, please contact the professional service for help.

**IMPORTANT: The remote control and hardware necessary to use your new product is included inside the box. You will find them inserted in the Styrofoam included in the box.**

## CONTENTS

# IMPORTANT SAFEGUARDS

- This appliance is for household use only.
- Disconnect the appliance from its power source during service and when replacing parts and cleaning.
- Please note: Check the nameplate for the type of refrigerant gas used in your appliance.
- Specific information regarding appliances with refrigerant gas.

It is recommended to not pierce the cooling circuit of the appliance. At the end of its useful life, deliver the appliance to a special waste collection centre for disposal.
GWP(Global Warming Potential): R410A: 2088, R134a: 1430, R290: 3, R32: 675.

- This hermetically sealed system contains fluoridated greenhouse gases.
- ENVIRONMENTAL INFORMATION: This unit contains fluoridated greenhouse gases covered by the Kyoto Protocol.
- Do not use this unit for functions other than those described in this instruction manual.
- Make sure the plug is plugged firmly and completely into the outlet. Otherwise, it can result in the risk of electric shock or fire.
- Do not plug other appliances into the same outlet, it can result in the risk of electric shock.
- Do not disassemble or modify the appliance or the power cord, it can result in the risk of electric shock or fire. All other services should be referred to a qualified technician.
- Do not place the power cord or appliance near a heater, radiator, or other heat source. It can result in the risk of electric shock or fire.
- This unit is equipped with a cord that has a earthed wire connected to an earthed pin or grounding tab. The plug must be plugged into a socket that is properly installed and earthed. Do not under any circumstances cut or remove the earthed pin or grounding tab from this plug.
- The unit should be used or store in such a way that it is protected from moisture e.g. condensation, splashed water, etc. Unplug unit immediately if this occurs.
- Always transport your appliance in a vertical position and place on a stable, level surface during use. If the unit is transported laying on its side it should be stood up and left unplugged for 6 hours.
- Always use the switch on the control panel or remote controller to turn the unit off, and do not start or stop operation by plugging in or unplugging the power cord. It can result in the risk of electric shock.
- Do not touch the buttons on the control panel with your wet and damp fingers.
- Do not use hazardous chemicals to clean or come into contact with the unit. To prevent damage to the surface finish, use only a soft cloth to clean the appliance. Do not use wax, thinner, or a strong detergent. Do not use the unit in the presence of inflammable substance or vapour such as alcohol, insecticides, gasoline, etc.
- If the appliance is making unusual sounds or is emitting smoke or an unusual odor, unplug it immediately.

## IMPORTANT SAFEGUARDS

● Do not clean the unit with water. Water can enter the unit and damage the insulation, creating a shock hazard. If water enters the unit, unplug it immediately and contact Customer Service.
● Utilize two or more people to lift and install the unit.
● Always grasp the plug when plugging in or unplugging the appliance. Never unplug by pulling on the cord. It can result in the risk of electrical shock and damage.
● Install the appliance on a sturdy, level floor capable of supporting up to 110lbs(50kg). Installation on a weak or unlevel floor can result in the risk of property damage and personal injury.
● Details of type and rating of fuses：T, 250V AC, 3.15A.

**ELECTRICAL CONNECTIONS**

Before plugging the appliance into the mains socket, check that:
● The mains power supply corresponds to the value indicated on the rating plate on the back of the appliance.
● The power socket and electrical circuit are adequate for the appliance.
● The mains socket matches the plug. If this is not the case, have the plug replaced.
● The mains socket is adequately earthed. Failure to follow these important safety instructions absolves the manufacturer of all liability.

**WARNING**

1. This appliance is not intended for use by persons (including children)with reduced physical, sensory or mental capabilities,or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
4. The appliance shall be installed in accordance with national wiring regulations.
5. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
6. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.
7. Do not pierce or burn.
8. Be aware that refrigerants may be odorless.
9. The handling, installation, storage, servicing and disposal must comply with the provisions of gas-related national laws and regulations, and also national wiring regulation.
10. It is necessary to clear away the refrigerant in the system when maintaining or scrapping an appliance.

## IMPORTANT SAFEGUARDS

**Ventilated area (open doors and Windows)**
11. Ensure that the working area is open or well ventilated before turning on the system or performing hot work. Ventilation should be maintained during operation. Ventilation quickly displaces safely diluted leaked refrigerant into the atmosphere.
12. Flammable refrigerant R32/R290 is used within appliance. Please follow the instructions carefully to handle, install, clean, and service the appliance to avoid damage or hazard. Do not dispose of appliance in regular trash. Contact qualified agency for proper disposal.
13. Servicing shall be performed only as recommended by the manufacturer.


**INFORMATION FOR QUALIFICATION OF WORKERS**
● All operators or refrigeration system maintenance personnel shall have a valid certificate issued by an industry-recognized evaluation body to certify that they are qualified for the safe disposal of refrigerant agents as recognized by the industry;
● Maintain and repair the equipment only in accordance with the method recommended by the equipment manufacturer. If other professionals are required to assist in the maintenance and repair of equipment, do so under the supervision of personnel qualified to use combustible refrigerants.

| Class | Name | Classification of instructions | Personnel qualification requirements |
|---|---|---|---|
| A | Professional Maintenance Personnel | Personnel, such as installers and maintenance supervisors, who are required to install, repair, and weld the refrigeration system for flammable refrigerant products. | Hold A class A certificate issued by the competent authority, available online. |
| B | Regular contacts personnel | 1. Personnel who do not need to open the refrigeration system of combustible refrigerant products, such as relevant personnel of transportation enterprises and general maintenance personnel of product after-sales department, etc.<br>2. Installation and maintenance personnel of conventional refrigerant products. | Hold a Class B certificate issued by the competent authority, available online. |

| | | | |
|---|---|---|---|
| C (The enterprise internal) | Develop, design and test personnel | Combustible refrigerant system design personnel, supervision personnel. | 1. Master the skills and knowledge of basic safety welding and safety protection level of combustible refrigerant.<br>2. Familiar with product development process and capable of design.<br>3. Qualification certification/recognition shall be conducted by the institution where you work. |

1. Personnel with class A certificate can carry out the operation of class B personnel;
2. Class A and Class B personnel shall be trained and certified by the industry management institution designated by the state;
3. C type personnel should participate in the company's internal organization of professional training, obtain internal issued certification or accreditation qualifications.

| TOOLING NAMES | USE REQUIREMENT |
|---|---|
| Small vacuum pump | Explosion-proof vacuum pump: ensure a certain accuracy, vacuum degree should be less than 10Pa. |
| Filling equipment | Special explosion-proof charging equipment: with certain accuracy, the charging amount deviation is less than 5g. |
| Leak detector | Regular calibration: annual leakage rate is not higher than 10g. |
| Concentration detector | A) The maintenance site shall be equipped with a fixed combustible refrigerant concentration detector, which shall be connected to the safety protection alarm system: its error must be guaranteed not to be higher than 5%.<br>B) The installation site shall be equipped with portable combustible refrigerant concentration detector, which can realize two-level acousto-optic alarm: its error must be guaranteed not to be higher than 10%.<br>C) Regular calibration.<br>D) Function check and confirmation shall be carried out before use. |
| Pressure gauge | A) The pressure gauge shall be calibrated regularly<br>B) R290 and R161 refrigerant can use the pressure gauge of R22, R32 refrigerant can use the pressure gauge of R410A. |

| | |
|---|---|
| Fire extinguisher | Carry a fire extinguisher during installation and maintenance. There should be at least two kinds of dry powder, carbon dioxide and foam extinguishers in the maintenance site, and they should be placed in the prescribed position with eye-catching signs and accessible places. |

1. The installation site should be in a well-ventilated condition.
2.The sites for installing and maintaining an air conditioner using Refrigerant R32 should be free from open fire or welding smoking, drying oven or any other heat source higher than 548℃ which easily produces open fire.
3. When installing an air conditioner, it is necessary to take appropriate anti-static measures such as wearing anti-static clothing and or gloves.
4. It is necessary to choose the site convenient for installation or maintenance wherein the air inlets and outlets of the indoor and outdoor units should be not surrounded by obstacles or close to any heat source or combustible and/or explosive environment.
5. If the indoor unit suffers refrigerant leak during the installation, all the personnel should go out till the refrigerant leaks completely for 15 minutes. If the product is damaged, it is a must to carry such damaged product back to the maintenance station and it is prohibited to weld the refrigerant pipe or conduct other operations on the user's site.
6. It is necessary to choose the place where the inlet and outlet air of the indoor unit is even.
7. It is necessary to avoid the places where there are other electrical products, power switch plugs and sockets, kitchen cabinet, bed, sofa and other valuables right under the lines on two sides of the indoor unit, and also prevent mechanical damage from occurring.

**REPAIRS TO SEALED COMPONENTS**

1.1 During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
1.2 Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected.
This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

**NOTE:** The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

**REPAIR TO INTRINSICALLY SAFE COMPONENTS**

● Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.

● Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

**CABLING**

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

**DETECTION OF FLAMMABLE REFRIGERANTS**

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

**REMOVAL AND EVACUATION**

● When breaking into the refrigerant circuit to make repairs
– or for any other purpose conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. The following procedure shall be adhered to: safely remove refrigerant following local and national regulations; purge the circuit with inert gas; evacuate; purge again with inert gas; open the circuit by cutting or brazing.

**CHARGING PROCEDURES**

In addition to conventional charging procedures,the following requirements shall be followed.

● Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.

● Cylinders shall be kept upright.

● Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.

● Label the system when charging is complete (if not already).
● Extreme care shall be taken not to overfill the refrigeration system.
Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

**DECOMMISSIONING**
Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.
a) Become familiar with the equipment and its operation.
b) Isolate system electrically.
c) Before attempting the procedure ensure that :mechanical handling equipment is available, if required, for handling refrigerant cylinders; all personal protective equipment is available and being used correctly; the recovery process is supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards.
d) Pump down refrigerant system,if possible.
e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
f) Make sure that cylinder is situated on the scales before recovery takes place.
g) Start the recovery machine and operate in accordance with manufacturer's instructions.
h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
i) Do not exceed the maximum working pressure of the cylinder,even temporarily.
j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

**LABELLING**
Equipment shall be labelled stating that it has been decommissioned and emptied of refrigerant.The label shall be dated and signed.
Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

**RECOVERY**

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge are available.All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.In addition,a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder,and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process.When oil is drained from a system, it shall be carried out safely.

**GENERAL INSTRUCTIONS**

**1.1 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 minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

**1.2 Work procedure**

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

**1.3 General work area**

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

**1.4 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 tection equipment being used is suitable for use with flammable refrigerants, i.e. nonsparking, adequately sealed or intrinsically safe.

**1.5 Presence of fire extinguisher**
If any hot work is to be conducted on the refrigeration equipment or any associated parts, propriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO 2 fire extinguisher adjacent to the charging area.

**1.6 No ignition sources**
No person carrying out work in relation to a refrigeration system which 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, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking 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.

**1.7 Ventilated area**
Ensure that the area is in the open or that it is adequately ventilated before breaking into 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 and preferably expel it externally into the atmosphere.

**1.8 Checks to the refrigeration equipment**
Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer’s maintenance and service guidelines shall 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 being used, the secondary circuit shall be checked for the presence of refrigerant; marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected; refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

**1.9 Checks to electrical devices**

Repair and maintenance to 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 dealt with. 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 so all parties are advised.

Initial safety checks shall include: that capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking; that there no live electrical components and wiring are exposed while charging, recovering or purging the system; that there is continuity of earth bonding.

**According the US and CANDA ruler:**

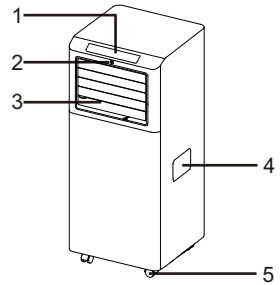
CAN ICES-003 (B)/NMB-003(B)

FCC Caution
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 interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

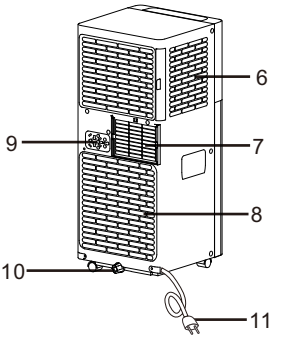
IC Warning
This device complies with industry Canada’s licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

# SAVE THESE INSTRUCTIONS

## DESCRIPTION

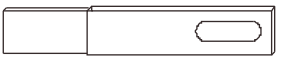
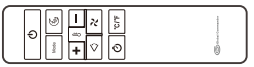
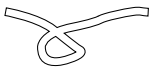
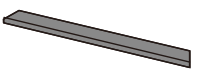



1. Control panel
2. Remote control receiver
3. Deflector
4. Handle (both sides)
5. Casters
6. Intake grille
7. Air outlet grille
8. Intake grille
9. Plug fixer
10. Condenser drain
11. Power cable




***Open the deflector before use the appliance.**

**ACCESSORIES**

| PARTS | PARTS NAME | QUANTITY |
|---|---|---|
|  | Exhaust hose<br>Hose outlet<br>Hose inlet | 1 set |
|  | Window slider kit | 1 set |
|  | Remote Control<br>Batteries<br>(2 * AAA 1.5V) | 1 set |
|  | Drain Hose | 1 set |
|  | Window Sealing<br>Sponge Assembly | 1 set |

**NOTE:** All the illustrations in this manual are for explanatory purposes only. Your appliance may be slightly different.
Be sure all accessories are removed from the packing before use.

## INSTALLATION INSTRUCTIONS

**EXHAUSTING HOT AIR**

In the Cool Mode, the appliance must be placed close to a window or opening so that the warm exhaust air can be ducted outside.
First position unit on a flat floor and make sure there's a minimum of 18" (45cm) clearance around the unit,and is within the vicinity of a single circuit outlet power source.
1. Extend either side of the hose (Fig.1) and screw the hose inlet (Fig.2).
2. Extend the other side of the hose and screw it to the hose outlet (Fig.3).
3. Install the hose inlet into the unit (Fig.4).
4. Affix the hose outlet into the window slider kit and seal. (Fig.5 &6).

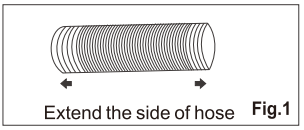


Fig.1

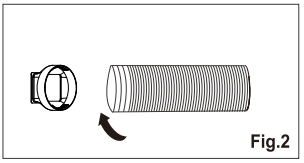


Fig.2

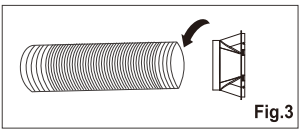


Fig.3

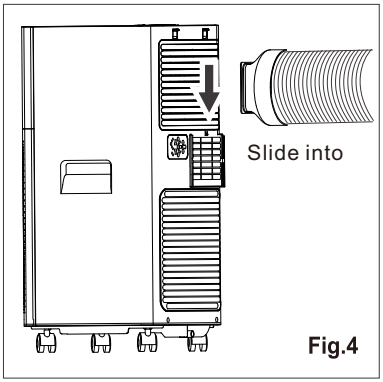
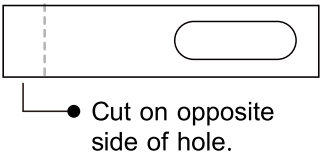


Fig.4




Your window slider kit has been designed to fit most standard vertical and horizontal window applications; however, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows.
The window slider kit can be fastened with screws.

**NOTE:** If the window opening is less than the minimum length of the window slider kit, cut the end without the hold in it short enough to fit in the window opening. Never cut out the hole in window slider kit.

## INSTALLATION INSTRUCTIONS

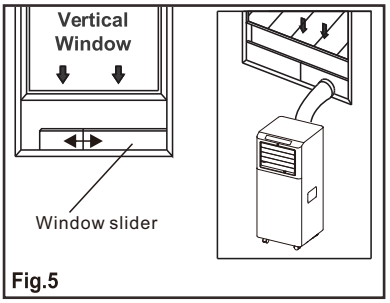


Fig.5

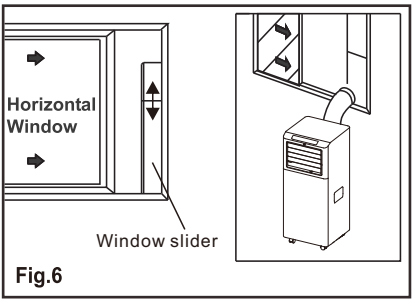
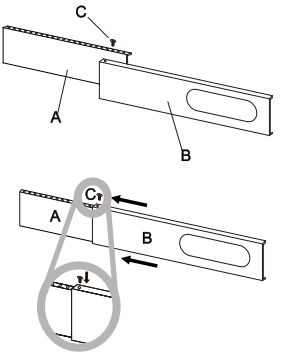


Fig.6

### WINDOW SLIDER KIT INSTALLATION

1: Parts:
A) Panel
B) Panel with one hole
C) Screw to lock window kit in place

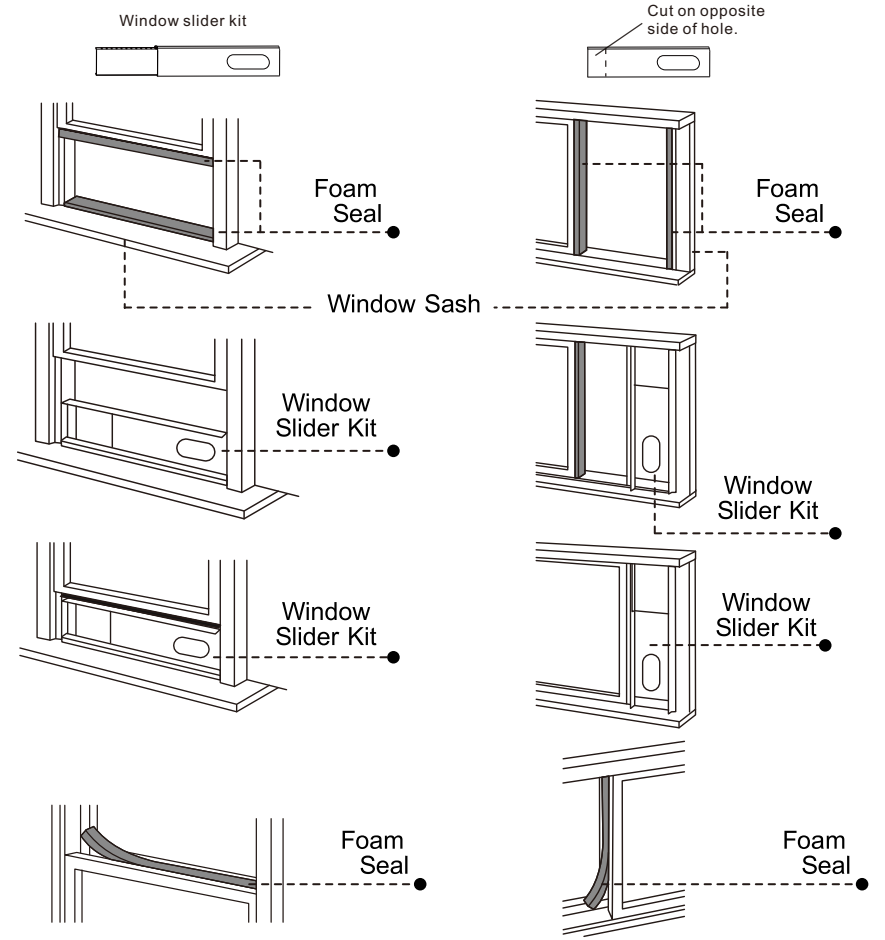



2: Assembly:
Slide Panel B into Panel A and size to widow width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps from gaps and/or air pockets when taking measurements.

3.Lock the screw into the holes that correspond With the width that your window requires to ensure that there are no gaps or air pockets in the window kit assembly after installation.

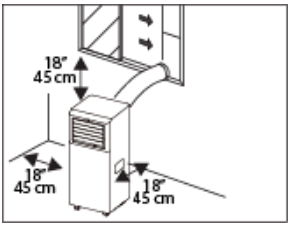
## INSTALLATION INSTRUCTIONS

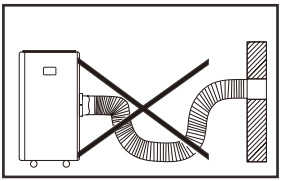
1. Cut the foam seal (adhesive type) to the proper length and attach it to the window sash.
2. Attach the window slider kit to the window sash. Adjust the length of the window slider kit according to the width of window. If necessary, mark the kit and cut one end down to properly fit the window.
3. Cut the foam seal (adhesive type) to the proper length and attach it on the top of the window.
4. Close the window securely against the window slider kit.
5. Secure the window slider kit to the window sash.
6. Cut the foam seal to an appropriate length and seal the open gap between the top window frame and outer window frame.



## INSTALLATION INSTRUCTIONS

### LOCATION

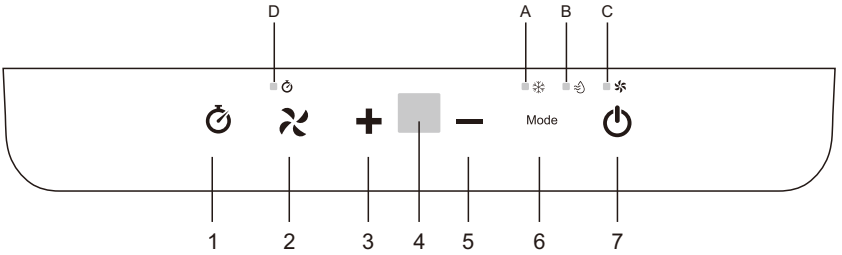


● The unit should be placed on a firm surface to minimize noise and vibration. For safe and secure positioning, place the unit on a smooth, level floor strong enough to support the unit.
● The unit has casters to aid placement, but it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpeted surfaces. Use caution and protect floors when rolling over wood floors. Do not attempt to roll the unit over objects.
● The unit must be placed within reach of a properly rated grounded socket.
● Never place any obstacles around the air inlet or outlet of the unit.
● Allow at least 18” (45cm) of around and above space away from the wall for efficient working.
● The hose can be extended, but it is best to keep the length to minimum required. Also make sure that the hose does not have any sharp bends or sags.

## DESCRIPTION OF THE DISPLAY SCREEN

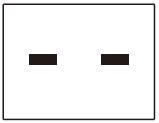
The control panel is on the top of the appliance, enables you to manage part functions without remote controller, but to fully exploit its potential, you must use the remote controller.




1.Timer button
2.Fan button
3.Increase button
4.Display screen
5.Decrease button
6.Mode button
7.ON/OFF button

A .Cool symbol
B.Dehumidify symbol
C.Fan symbol
D.Timer symbol

### TURNING THE APPLIANCE ON/OFF



Plug into the mains socket, then the appliance is standby. Press the ⏻ button to make the appliance turn on. The last function active when it was turned off will appear.

✓ Never turn the air conditioner off by unplugging from the mains. Always press the button ⏻ , then wait for a few minutes before unplugging. This allows the appliance to perform a cycle of checks to verify operation.

### COOL mode

Ideal for hot muggy weather when you need to cool and dehumidify the room.
To set this mode correctly:

- Press the "Mode"button a few times until the " ❄ " symbol appears.
- Select the target temperature18°C-32°C(64°F-90°F) by pressing the + or − button until the corresponding value is displayed.
- Select the required fan speed by pressing the button.

| | |
|---|---|
| F2 High | To achieved the temperature as fast as possible. |
| F1 Low | Run of the low noise. |

## DESCRIPTION OF THE DISPLAY SCREEN

The most suitable temperature for the room during the summer varies from 24°C to 27°C (75°F to 81°F). You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under Fan mode but may not be noticeable under Cool mode.

**FAN mode**

When using the appliance in this mode, the air hose does not need to be attached.
To set this mode correctly:

- Press the " Mode " button a few times until the " " symbol appears.
- Select the required fan speed by pressing the button.

Two speeds are available: High / Low.
Two speeds are available: High(F2)/Low(F1)


High


Low

**DRY MODE**


Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).
In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.
To set this mode correctly:

- Press the " Mode " button a few times until the " " symbol appears.

The screen display "dh".

- In this mode, fan speed is selected automatically by the appliance and can not be set manually.

## DESCRIPTION OF THE DISPLAY SCREEN

**SETTING THE TIMER**

- This timer can be used to delay the appliance start-up or shutdown, this avoids wasting electricity by optimizing operating periods.

* Programming start-up

- Turn on the appliance, choose the mode you want, for example Dehumidify mode, high fan speed. Turn off the appliance.
- Press the " ⏱ " button , the screen starts to flash, press the " + " / " − " to adjust the set time from 0.5-24 hours.
- In 5 seconds without operation, the timer starts functionning, then the " ⏱ " symbol lights.
- Press the " ⏱ " button again to cancel the Timer, and the "Timer" symbol disappear.

* Programming shut down

- When the appliance is running, press the " ⏱ " button, the screen starts to flash.
- Press the " + " / " − " to adjust the set time from 0.5-24 hours.
- In 5 seconds without the operation, the timer start function, then the " ⏱ " symbol lights.
- Press the " ⏱ " button again to cancel the Timer, and the " Timer " symbol disappear.

**SWITCH FROM CELSIUS TO FAHRENHEIT**

When the appliance is running, hold on " + " and " − " button together 3 seconds by the same time, then you can change the unit of temperature.
For example:
Before change, in cool mode, the screen display like fig1.
After change, in cool mode, the screen display like fig2.


Fig.1


Fig. 2

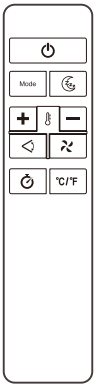
## DESCRIPTION OF THE DISPLAY SCREEN

### SELF-DIAGNOSIS

The appliance has a self-diagnosis system to identify a number of malfunctions. Error messages are displayed on the appliance display.

| IF IS DISPLAYED | WHAT SHOULD I DO? |
|---|---|
|  <br>PROBE FAILURE<br>(sensor damaged) | If this is displayed, contact your local authorize service center. |
|  <br>FULL TANK<br>(safety tank full) | Empty the internal safety tank, following the instructions in the "End of season operations" paragraph. |

## REMOTE CONTROL MANUAL

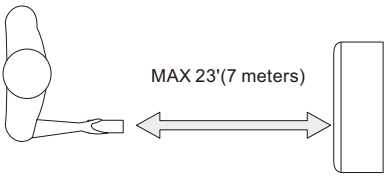



| | | | |
|---|---|---|---|
| ⏻ | On/Off button | | Fan speed button |
| + | Increase button | Mode | Mode button |
| − | Decrease button | | Swing button |
| | Timer button | | Sleep button |
| ℃/℉ | Unit Switch button | | |

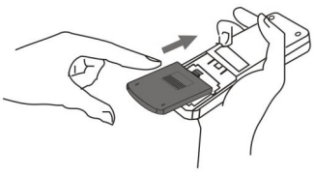
√ Point the remote control at the sensor on the appliance.

√ The remote control must be no more than 23ft (7 meters) away from the appliance (without obstacles between the remote control and the receiver).

√ The remote control must be handled with extreme care. Do not drop it or expose it to direct sunlight or sources of heat. If the remote control does not work, check the batteries and replace with new batteries. Do not mix new and old batteries.



**INSERTING OR REPLACING THE BATTERIES**



- Remove the cover on the rear of the remote control.
- Insert two "AAA" 1.5V batteries in the correct position (see instructions inside the battery compartment).

**NOTE:**

√ If the remote control unit is replaced or disposed of, the batteries must be removed and discarded in accordance with current legislation as they are harmful to the environment.

√ Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.

√ Batteries may explode or leak if exposed to open flames. Dispose of batteries accordingly.

√ If the remote control is not being used for extended periods of time (winter storage), remove the batteries and store in a cool, dry location.

**TURNING THE APPLIANCE ON/OFF**

- Plug into the mains socket, then the appliance is standby.
- Press the button to make the appliance turn on. The last function active when it was turned off will appear.
- When press the "" button to shut down the appliance, the anti-mold function will run for about 20 seconds and screen show the count down.

**COOL mode**

Ideal for hot, muggy weather when you need to cool and dehumidify the room.
To set this mode correctly:


- Press the "Mode" button a number of times until the " ❄ " symbol appears.
- Select the target temperature 18°C-32°C(64°F-90°F) by pressing the + or — button until the corresponding value is displayed.
- Select the required fan speed by pressing the " " button.

Different fan speed have different function.

| | |
|---|---|
| F2 High | To achieved the temperature as fast as possible. |
| F1 Low | Run of the low noise. |

The most suitable temperature for the room during the summer varies from 24°C to 27°C(75°F to 81°F). You are recommended, however, not to set a temperature much below the outdoor temperature. The fan speed difference is more noticeable when the appliance is under FAN mode but may not be noticeable under COOL mode.

**FAN mode**

When using the appliance in this mode, the air hose does not need to be attached.

- Press the "Mode" button a few times until the " " symbol appears.
- Select the required fan speed by pressing the " " button.

Two speeds are available: High/Low.

**DRY mode**

Ideal to reduce room humidity (spring and autumn, damp rooms, rainy periods, etc).
In dry mode, the appliance should be prepared in the same way as for cool mode, with the air exhaust hose attached to enable the moisture to be discharged outside.
To set this mode correctly:

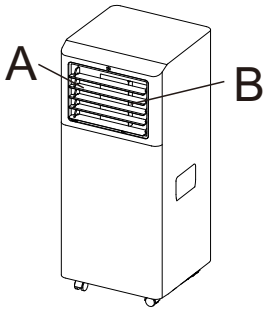
- Press the "Mode" button a few times until the " " symbol appears.
- In this mode, fan speed is selected automatically by the appliance and can not be set manually.

**SWING function**

Notes: This serial unit have no auto swing function

- Hold the horizontal deflectors and move up and down for comfort.
- Hold the vertical deflectors and move left or right for comfort.

A: Horizon deflector
B: Vertical deflector




**Note:** For optimal cooling performance, it is recommended to position the horizontal deflector downward and the vertical deflector to the leftmost position.

**SLEEP FUNCTION**

This function is useful for the night as it gradually reduces operation of the appliance.

To set this function correctly:

- Select the cool or heat mode as described above.
- Press the button.

The appliance operates in the previously selected mode.

When you choose the sleep function, the screen will reduce the brightness, and the fan speed is low.

The SLEEP function maintains the room at optimum temperature without excessive fluctuations in either temperature or humidity with silent operation. Fan speed is always at Low, while room temperature and humidity vary gradually to ensure the most comfort.

When in COOL mode, the selected temperature will increase by 1°C(1°F) per hour in a 2 hour period. This new temperature will be maintained for the next 6 hours. Then the appliance turns off.

The SLEEP function can be canceled at any time during operation by pressing the “Sleep”, “Mode” or “fan speed” button.

In DRY mode, SLEEP function is still available.

**SETTING THE TIMER**

-This timer can be used to delay the appliance startup or shutdown, this avoids wasting electricity by optimising operating periods.

*** Programming start-up**

- Turn on the appliance, choose the mode you want, for example Dehumidify mode, high fan speed. Turn off the appliance.
- Press the “ ” button , the screen starts to flash, press the “ ” or “ ” to adjust the set time from 0.5-24 hours.
- In 5 seconds without operation, the timer starts functionning, then the “ ” symbol lights up.
- Press the “ ” button button again to cancel the Timer, and the “ ” symbol disappears.

*** Programming shut down**

- When the appliance is running, press the “ ” button, the screen starts to flash, press the “ ” / “ ” to adjust the set time from 0.5-24 hours.
- In 5 seconds without operation, the timer starts functionning, then the “ ” symbol lights.
- Press the “ ” button again to cancel the Timer, and the “ ” symbol disappear.

## REMOTE CONTROL MANUAL

**Switch from Celsius to Fahrenheit**

When the appliance is running, press the " ℃/℉ " button, then you can change the unit of temperature.

For example:

Before change, in cool mode, the screen display like fig1.

After change, in cool mode, the screen display like fig2.

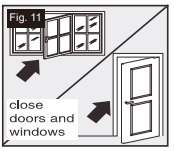

Fig.1

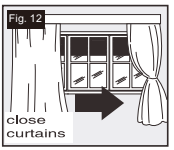

Fig. 2

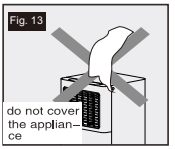
## TIPS FOR CORRECT USE

To get the best from your appliance, follow these recommendations:

- Close the windows and doors in the room to be air conditioned (Fig. 11). When installing the appliance semi-permanently, you should leave a door slightly open (as little as 1 cm) to guarantee correct ventilation;
- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run (Fig. 12);
- Never put objects of any kind on the appliance; (Fig. 13)
- Do not block the air inlet or outlet of the appliance. Reduced air flow will result in poor performance and could damage the unit.
- Make sure there are no heat sources in the room;
- Never use the appliance in very damp rooms (laundries for example).
- Never use the appliance outdoors.
- Make sure the appliance is standing on a level surface. if necessary, place the caster locks under the front wheels.



## WATER DRAINAGE METHOD

When there is excess water condensation inside the unit, the appliance stops running and shows " FL " (FULL TANK as mentioned in SELF-DIAGNOSIE). This indicates that the water condensation needs to be drained using the following procedures:

**Manual Draining (fig.14)**

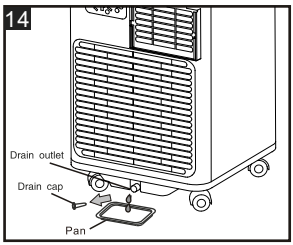
Water may need to be drained in high humidity areas

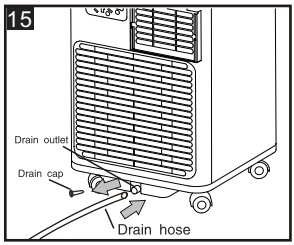
1. Unplug the unit from power source.
2. Place a drain pan under the lower drain plug. See diagram.
3. Remove the lower drain plug.
4. Water will drain out and collect in the drain pan (not supplied).
5. After the water is drained, replace the lower drain plug firmly.
6. Turn on the unit.

**Continuous Draining (fig.15)**

While using the unit in dehumidifier mode, continuous drainage is recommended.

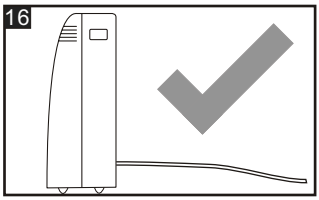
1. Unplug the unit from the power source.
2. Remove the drain plug. While doing this operation some residual water may spill so please have a pan to collect the water.
3. Connect the drain hose (1/2" or 12.7mm, not supplied). See diagram.
4. The water can be continuously drained through the hose into a floor drain or bucket.
5. Turn on the unit.

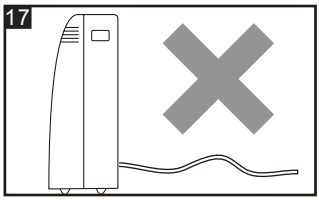



**NOTE:**

Please be sure that the height of and section of the drain hose should not be higher than that of the drain outlet, or the water tank may not be drained. (fig.16 and fig.17)



## CLEANING

Before cleaning or maintenance, turn the appliance off by pressing the ON/OFF button on the control panel or remote control, wait for a few minutes then unplug from the mains socket.

**CLEANING THE CABINET**

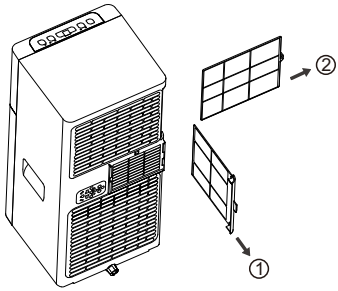
You should clean the appliance with a slightly damp cloth then dry with a dry cloth.

- Never wash the appliance with water. It could be dangerous.
- Never use petrol, alcohol or solvents to clean the appliance.
- Never spray insecticide liquids or similar.

**CLEANING THE AIR FILTERS**

To keep your appliance working efficiently, you should clean the filter every week of operation.
The filter can be taken out like fig below.

To avoid possible cuts, avoid touching the metal parts of the appliance when removing or re-installing the filter. It can result in the risk of personal injury.




Use a vacuum cleaner to remove dust accumulations from the filter. If it is very dirty, immerse in warm water and rinse a few times. The water should never be hotter than 40℃ (104℉). After washing, leave the filter to dry then attach the intake grille to the appliance.

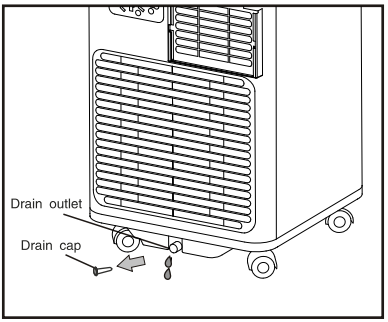
## START-END OF SEASON OPERATIONS

**START OF SEASON CHECKS**

Make sure the power cable and plug are undamaged and the earth system is efficient.
Follow the installation instructions precisely.

**END OF SEASON OPERATIONS**

To empty the internal circuit completely of water, remove the cap.
Run off all water left into a basin. When all the water has been drained, put the cap back in place.
Clean the filter and dry thoroughly before putting back.




**STRICTEST OPERATION ENVIRONMENT:**

Cooling mode: 18°C-35°C (64°F-95°F), 30%RH~90%RH

## TROUBLESHOOTING

| PROBLEM | CAUSE | SOLUTION |
|---|---|---|
| The appliance does not come on | • There is no current<br>• It is not plugged into the mains<br>• The internal safety device has tripped | • Wait<br>• Plug into the mains<br>• Wait 30 minutes, if the problem persists, contact your service center |
| The appliance works for a short time only | • Here are bends in the air exhaust hose<br>• Something is preventing the air from being discharged | • Position the air exhaust hose correctly, keeping it as short and free of curves as possible to avoid bottlenecks<br>• Check and remove any obstacle obstructing air discharge |
| The appliance works, but does not cool the room | • Windows, doors and/or curtains open | • Close doors, windows and curtains, bearing in mind the "tips for correct use" given above |
| | • There are heat sources in the room (oven, hairdryer, etc.) | • Eliminate the heat sources |
| | • The air exhaust hose is detached from the appliance | • Fit the air exhaust hose in the housing at the back of the appliance |
| | • The technical specification of the appliance is not adequate for the room in which it is located | |
| During operation, there is an unpleasant smell in the room | • Air filter clogged | • Clean the filter as described above |
| The appliance does not operate for about three minutes after restarting it | • The internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off | • Wait. This delay is part of normal operation |
| The following message appears on the display:<br>PF / FL | • The appliance has a self-diagnosis system to identify a number of malfunctions | • See the SELF-DIAGNOSIS Chapter |

# ASSISTANCE

**Distributed by Ouellet Canada Inc.**
**1 877 247-3461**

Before returning the unit to the retailer, for any problem related to the installation, use or proper functioning of the unit; contact our customer support department. One of our agents will guide you through the next steps.

Products have a limited warranty of one year upon presentation of proof of purchase.

Before calling for assistance or service, please check the troubleshooting section. It may save you the cost of a service call.

If you still need help, follow the instructions below. Please know the location and purchase date of your product. Please have in hand the complete model and serial number of your appliance This information will help us to better respond to your request.

Please record the model and serial number information below. Also, make sure you keep the purchase invoice of your product.

**Model Number** _____

**Serial Number** _____

**Purchase Date** _____

**Store Name** _____