

## PORTABLE AIR CONDITIONER

## **PAT Series**

# OWNER'S MANUAL OPERATOR'S MANUAL TECHNICAL MANUAL

For models:

GPC08ASB-A6NNA1A

Please read this owner's manual carefully before operating the unit and keep it for future reference.

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.

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#### **OPERATION NOTICES**

## Safety warnings

AA WARNING	This symbol indicates the possibility of death or serious injury.
AA (:AHHION	This symbol indicates the possibility of injury or damage toproperty.
	Undicates important but not hazard-related information

used to indicate risk of property damage.

## **Exception Clauses**

NOTICE

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons.

- 1. Damage the product due to improper use or misuse of the product;
- 2. Alter, change, maintain or use the product with other equipment without abiding by the instruction manual of manufacturer;
- 3. After verification, the defect of product is directly caused by corrosive gas;
- 4. After verification, the defects are due to improper operation during transportation of product;
- Operate, repair, maintain the unit without abiding by instruction manual or related regulations:
- 6. After verification, the problem or dispute is caused by the quality specification or performance of parts and components that produced by other manufacturers;
- 7. The damage is caused by natural calamities, bad using environment or force majeure.

If it needs to install, move or maintain the air conditioner, please contact dealer or local service center to conduct it at first. Air conditioner must be installed, moved or maintained by appointed unit. Otherwise, it may cause serious damage or personal injury or death.

When refrigerant leaks or requires discharge during installation, maintenance, or disassembly, it should be handled by certified professionals or otherwise in compliance with local laws and regulations.

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.

Children should be supervised to ensure that they do not play with the appliance.

## The refrigerant



ΑϽΙ

Appliance filled with flammable gas R410A.



Before use the appliance, read the owner's manual first.



Before install the appliance, read the installation manual first.



Before repair the appliance, read the service manual first.

To realize the function of the air conditioner unit, a special refrigerant circulates in the system. The used refrigerant is the fluoride R32, which is specially cleaned. The refrigerant is flammable and inodorous. Furthermore, it can lead to explosion under certain conditions. But the flammability of the refrigerant is very low. It can be ignited only by fire.

Compared to common refrigerants, R32 is a nonpolluting refrigerant with no harm to the ozonosphere. The influence upon the greenhouse effect is also lower. R410A has got very good thermodynamic features which lead to a really high energy efficiency. The units there fore need a less filling.



## **WARNING**

- Appliance filled with flammable gas R32.
- Appliance shall be installed, operated and stored in a room with a floor area larger than 4m<sup>2</sup> (43.06 ft<sup>2</sup>).
- 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.)
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- Ducts connected to an appliance shall not contain an ignition source.
- Keep any required ventilation openings clear of obstruction.
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- Servicing shall be performed only as recommended by the manufacturer.
- Should repair be necessary, contact your nearest authorized Service Centre. Any repairs carried out by unqualified personnel may be dangerous.
- Compliance with national gas regulations shall be observed.
- Read specialist's manual.



A<sub>2</sub>L







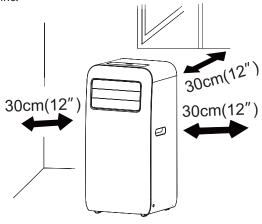
## **Safety precautions**



- This appliance can be used by children aged from 8 years and above and persons 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 made by children without supervision.
- Before operation, please confirm whether power specification complies with that on nameplate.
- Before cleaning or maintaining the air conditioner, please turn off air conditioner and pull out the power plug.
- Make sure the power cord hasn't been pressed by hard objects.
- Do not pull or drag the power cord to pull out the power plug or move the air conditioner.
- Do not insert or pull out the power plug with wet hands.
- Please use the grounded power. Make sure the grounding is reliable.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- If abnormal condition occurs (e.g. burned smell), please disconnect power at once and then contact local dealer.
- When nobody is taking care of the unit, please turn it off and remove the power plug or disconnect power.
- Do not splash or pour water on air conditioner. Otherwise, it may cause short circuit or damage to air conditioner.
- If drainage hose is used, ambient temperature can't be lower than 0°C (32°F).
   Otherwise, it will cause water leakage to air conditioner.
- Prohibit operating heating equipment around the air conditioner.
- Prohibit operating the unit in the bathroom or laundry room.
- Far away from fire source, inflammable and explosive objects.
- Children and disabled people are not allowed to use the portable room air conditioner without supervision.
- Keep children from playing or climbing on the air conditioner.
- Do not put or hang dripping objects above the air conditioner.
- Do not repair or disassemble the air conditioner by yourself.
- · Prohibit inserting any objects into the air conditioner.
- Do not through sundries into the air duct. If there are sundries get into the air duct, please contact the professionals to deal with it.
- · Do not use an extension cord.
- Specification of fuse on the main board: T3.15AH250V; the maximum current passes through the fuse can't be more than 3.15A.
- The appliance shall be installed in accordance with national wiring regulations.

## **Operation environment**

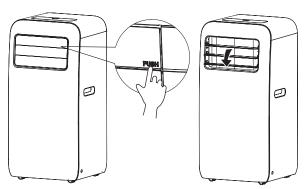
- Operating Temperature Range
   Maximum cooling: DB/WB(°F/°C), 95/75(35/24)
   The air conditioner must be operated within the temperature range: 61°F (16°C)~95°F (35°C).
- The appliance is for indoor use only.
- The appliance must be positioned so that the plug is accessible.
- This air conditioner can only be used for family, not for commercial industry.
- Reserved space around the air conditioner should be 30 cm (12") at least.
- Do not operate the air conditioner at humid environment.
- Please keep air inlet and air outlet clean, no obstacles.
- During operation, close doors and windows to improve cooling effect.
- Please put the air conditioner at smooth and flat ground for operation to avoid noise and vibration.
- · This air conditioner is equipped with castors. Castors should slide at smooth and flat ground.
- Prohibit inclining or turning over the air conditioner. If there's abnormity, please disconnect power immediately and contact dealer.
- Avoid direct sunshine.



## Open the guide louver

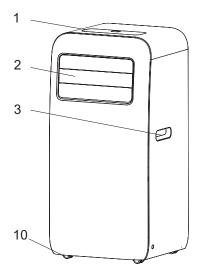
Press the position marked with "PUSH" on the guide louver with fingers to open the guide louver before operation. Don't adjust the guide louver to the narrow position.

In order to improve the comfort, you are suggested to open the air guide louver to the maximum position for operation.

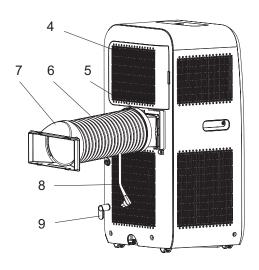


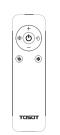
## Parts name

**NOTICE:** Actual product may be different from graphics, please refer to actual products. Installation accessories can't be discarded.



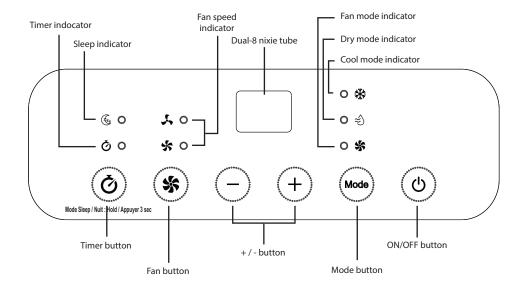
- 1. Controller panel
- 2. Guide louver
- 3. Handles
- 4. Filter
- 5. Joint
- 6. Heat discharge pipe
- 7. Rear clip
- 8. Power cord
- 9. Cord hook
- 10. Castors





Remote controller

## **Operation introduction for control panel**



#### NOTE:

- After putting through the power, the air conditioner will give out a sound. After that, you can
  operate the air conditioner by the control panel.
- Under ON status, after each pressing of the button on control panel, the air conditioner will give out a sound. Meanwhile, corresponding indicator on control panel will be bright.
- Under OFF status, dual-8 nixie tube on control panel won't display. Under ON status, dual-8 nixie tube on control panel will display set temperature under cooling mode and Heating mode (Coo I& Heat Unit only), while it won't display under other modes.

## **Operation of control panel**

## 1 ON/OFF BUTTON 🖰

Pressing this button can turn on or turn off the air conditioner.

#### 2 + / - BUTTON

Under cooling mode, press "+" or "-" button to increase or decrease set temperature by  $1^{\circ}F$  (°C). Set temperature range is  $61^{\circ}F$  ( $16^{\circ}C$ )~ $86^{\circ}F$  ( $30^{\circ}C$ ). Under dry or fan mode, this button is invalid.

## 3 FAN BUTTON 🐝

Press this button and the fan speed will circulate as:

#### **4 MODE BUTTON**

Press this button and the mode will circulate as:

**Cool:** Under this mode, cool mode indicator is bright. Dual-8 nixie tube displays set temperature. Temperature setting range is  $61^{\circ}F$  ( $16^{\circ}C$ )~ $86^{\circ}F$  ( $30^{\circ}C$ ).

**Dry:** Under this mode, dry mode indicator is bright. Dual-8 nixie tube won't display. Low speed only under this model.

**Fan:** Under this mode, the air conditioner only blow fan. Fan mode indicator is bright. Dual-8 nixie tube won't display.

## 5 TIMER BUTTON 🕭

Press this button and the mode will circulate according to below sequence:

Press timer button to enter into timer setting mode. Under this mode, press "+" or "-" button to adjust the timer setting. Timer setting will increase or decrease 0.5 hour by pressing " + " or " - " button within 10 hours, while timer setting will increase or decrease 1 hour by pressing "+" or " - " button beyond 10 hours. After timer setting is finished, the unit will display temperature if there's no operation for 5 seconds. If timer function is started up, the upper indicator will keep the display status. Others, it won't be displayed. Under timer mode, press timer button again to cancel timer mode.

Hold Time button for 3 seconds to enter into sleep mode. If the controller operates at cooling mode, after sleep mode is started up, preset temperature will increase by  $2^{\circ}F$  ( $1^{\circ}C$ ) within 1 hour; preset temperature will increase by  $4^{\circ}F$  ( $2^{\circ}C$ ) within 2 hours and then the unit will operate at this temperature all the time; Sleep function is not available for fan mode, drying mode. If sleep function is started up, the upper indicator will keep the display status. Others, it won't be displayed.

#### **Buttons on remote controller**



*	Cool mode	
\$)	Dry mode	
+	Increase temperature	
_	<ul> <li>Decrease temperature</li> </ul>	
Ф	(b) ON/OFF button	
*	Fan mode	

TOSOT

#### Introduction for buttons on remote controller

#### +/-BUTTON

Pressing + or - button once to increase or decrease set temperature by  $1^{\circ}F$  (°C). When setting the timer on or off, press the + or - button to set the time (See Timer button for setting details).

## COOL BUTTON **₩**

Press this button and then the air conditioner will operate in cool mode.

## DRY BUTTON **<b>♦**

Press this button and then the air conditioner will operate in dry mode.

## FAN ONLY BUTTON 🖇

Press this button and then the air conditioner will operate in fan mode. It only blows wind, no cooling.

# FAN SPEED BUTTON

Press this button to set the fan speed at Low or High.

**NOTE:** Only low fan speed is available under Dry mode.

## TIMER BUTTON O

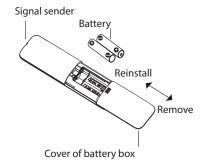
- When unit is on, press this button to set Timer Off. T-OFF and H icon will be blinking. Within 5 seconds, press + or button to adjust the time for Timer Off. Pressing + or button once will increase or decrease the time by 0.5h. Hold + or button for 2 seconds, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-OFF and H icon will stop blinking.
- When unit is off, press this button to set Timer On. T-ON and H icon will be blinking. Within 5 seconds, press + or button to adjust the time for Timer On. Pressing + or button once will increase or decrease the time by 0.5h. Hold + or button for 2 seconds, time will change quickly. Release the button after your required set time is reached. Then press TIMER button to confirm it. T-ON and H icon will stop blinking.
- Cancel Timer On/Off: If Timer function is set up, press TIMER button once to review the remaining time. Within 5s, press TIMER button again to cancel this function.

#### NOTE:

- Range of time setting is: 0.5~24h.
- The interval between two motions can't exceed 5 seconds, otherwise the remote controller will
  exit setting status.

#### Replacement of batteries in remote controller

- Press the back side of remote controller marked with "= "as shown in the fig, and then push out the cover of battery box along the arrow direction.
- Replace two 7# (AAA 1.5V) dry batteries and make sure the positions of + and - polar are correct.
- 3. Reinstall the cover of battery box.



#### **NOTICE**

- During operation, point the remote control signal sender at the receiving window on indoor unit.
- The distance between signal sender and receiving window should be no more than 8m, and there should be no obstacles between them.
- Signal may be interfered easily in the room where there is fluorescent lamp or wireless telephone; remote controller should be close to indoor unit during operation.
- Replace new batteries of the same model when replacement is required.
- When you don't use remote controller for a long time, please take out the batteries.

#### Clean and maintenance



- Before cleaning the air conditioner, please turn off the unit and disconnect power. Otherwise, it
  may cause electric shock.
- Do not wash air conditioner with water. Otherwise, it may cause electric shock.
- Do not use volatile liquid (such as thinner or gas) to clean the air conditioner. Otherwise, it may damage the appearance of air conditioner.
- Do not use liquid or corrosive detergent to clean the appliance and do not splash water or other liquid onto it, otherwise, it may damage the pla-stic components, even cause electric shock.

#### Clean outer case and grille

**Clean outer case:** If there's dust on the surface of outer case, please use soft towel to wipe it. If the outer case is very dirty (such as grease), please use neutral abluent to wipe it.

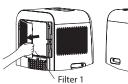
Clean grille: Use cleaner or soft brush to clean it.

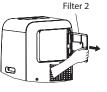


#### Clean filter

1. Remove the filter

Press the clasp as shown in the fig, and then remove the filter;



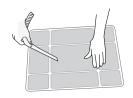


#### 2. Clean filter

Use cleaner or water to clean the filter. If the filter is very dirty (such as grease), use warm water 104°F (40°C) melted with neutral abluent to clean it and put at shady place to dry it.

#### 3.Install filter

After the filer is cleaned and dried, reinstall it well.



#### **NOTICE**

- The filter should be cleaned about once every three months. If there's much dust in the operation environment, you can increase clean frequency.
- Do not dry the filter with fire or hair drier. Otherwise, it may be deformed or catch fire.

#### Clean heat discharge pipe

Remove the heat discharge pipe from air conditioner, clean and dry it, and then reinstall it. (For the method of installation and removal, please refer to the instruction for "Installation and disassembly of heat discarge pipe").

#### Checking before use-season

- 1. Check whether air inlets and air outlets are blocked.
- 2. Check whether plug and socket are in good condition.
- 3. Check whether filter is clean.
- 4. Check whether batteries are installed in remote controller.
- 5. Check whether joint, window bracket and heat discharge pipe are installed tightly.
- 6. Check whether heat discharge pipe is damaged.

#### Checking after use-season

- 1. Disconnect power supply.
- 2. Clean filter and outer case.
- 3. Remove dust and sundries on the air conditioner.
- 4. Eliminate accumulated water in chassis (refer to the section of "Drainage Way" for details).
- 5. Check whether window bracket is damaged or not. If yes, please contact dealer.

#### Long-time storage

If you don't use the air conditioner for a long time, please maintain it by following steps for good performance:

- Make sure there's no accumulated water in chassis and the heat discharge pipe is disassembled.
- Pull out the plug and wrap the power cord.
- Clean the air conditioner and pack it well to prevent dust.

#### **Notice for recovery**

- Many packing materials are recyclable materials. Please deal with them through local recycle hin
- If you want to throw away the air conditioner, please contact local division or consultant service center for the correct disposal method.

#### **INSTALLATION**

## Installation precaution

## **A** WARNING

- Observe all governing codes and ordinances.
- · Do not use damaged or non-standard power cord.
- Be caution during installation and maintenance. Prohibit incorrect operation to prevent electric shock, casualty and other accidents.

## Selection of installation location

#### **Basic requirement**

Installing the unit in the following places may cause malfunction. If it is unavoidable, please consult the local dealer:

- 1. The place with strong heat sources, vapors, flammable or explosive gas, or volatile objects spread in the air.
- 2. The place with high-frequency devices (such as welding machine, medical equipment).
- 3. The place near coast area.
- 4. The place with oil or fumes in the air.
- 5. The place with sulfureted gas.
- 6. Other places with special circumstances.
- 7. It's not allowed to be installed on the unstable or motive base structure (such as truck) or in the corrosive environment (such as chemical factory).

#### Requirement of air conditioner

- Air inlet should be far away from obstacles and do not put any objects near air outlet. Otherwise, it will affect the radiation of heat discharge pipe.
- 2. Select a location where the noise and outflow air emitted by the outdoor unit will not affect neighborhood.
- 3. Please try your best to keep far away from fluorescent lamp.
- 4. The appliance shall not be installed in the laundry.

#### Requirements for electric connection

#### Safety precaution

- 1. Must follow the electric safety regulations when installing the unit.
- 2. According to the local safety regulations, use qualified power supply circuit.
- 3. For appliances with type Y attachment, the instructions shall contain the substance of the following. 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. Properly connect the live wire, neutral wire and grounding wire of power socket.
- 5. Be sure to cut off the power supply before proceeding any work related to electricity and safety.
- 6. Do not put through the power before finishing installation.
- 7. The air conditioner is first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
- 8. The yellow-green wire or green wire in air conditioner is grounding wire, which can't be used for other purposes.
- 9. The grounding resistance should comply with national electric safety regulations.

## **Preparation for installation**

**NOTE:** Check if the accessories are available before installation.

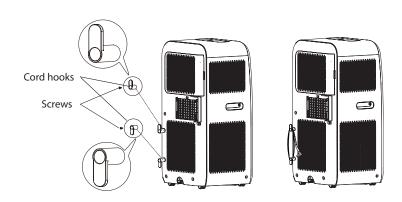
Please refer to the window panel installation section for the list of these specific accessories.

#### **Accessory list**

Joint A		Heat discharge pipe	
Rear clip		Cord hook	
Screws	{mmm»	User's manual	
Remote controller	(***) (***) (***)	Battery (AAA 1.5V)	

## **Install cord hooks**

- 1. Install cord hooks at the back of the unit with screws (The top cord hooks should face upward, and the bottom cord hooks should face downward.).
- 2. Wind the power cord around the power cord hooks.



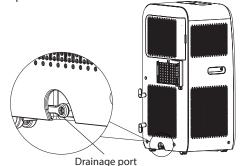
## Removing collected water

#### Use the drainage option from the lower hole

When the chassis is full with water, the buzzer will give out 8 sounds and "H8" is displayed to remind user to discharge water:

- 1. Move the unit to a suitable place for discharging water; do not tilt the unit and keep it horizontal during moving;
- 2. Take the drainage pipe from the clip and pull out the rubber plug on the drainage pipe to discharge water;
- 3. Put back the rubber plug onto drainage pipe after finishing discharging water and then fix the pipe on the clip;

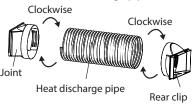
4. After full water protection is eliminated and the com- pressor has been stopped for 3 minutes, the unit will resume operation.



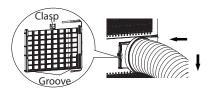
## Installation of heat discharge pipe

#### Install heat discharge pipe

1.Rotate joint A and Rear clip clockwise into the two ends of heat discharge pipe.



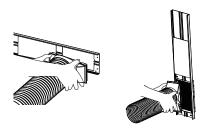
2. Insert joint A of heat discharge pipe into the groove until you hear a sound.



3. Lead the heat discharge pipe outdoors.



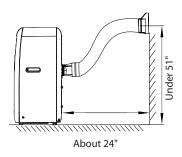
4.Slide and open the exhaust cover on the window panel, and attach the Rear clip. (Optional)



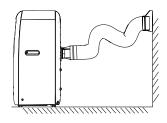
#### Note of Installing heat discharge pipe

In order to improve cooling efficiency, the heat discharge pipe should be as short as possible and flat without curve to ensure smooth heat discharge.

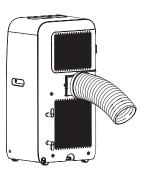
The discharge pipe is suggested to be installed according to below figure by the manufacturer.



User can adjust the installation method of the discharge pipe basing on the requirement, while the similar installation methods as below which will lead to unsmoothly air-out are not allowed.



- The length of the heat discharge pipe is less than 40 inches. It is recommended to use it with shortest length.
- When installing,heat discharge pipe should be as flat as possible. Don't prolong the pipe or connect it with other heat discharge pipe.



## **Install window panel**

#### **Accessory list**

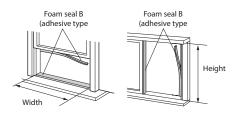
Adjustment panel	Mothproof net		Mounting plate	<b>©</b>	Screw	
Window panel	Bracket		Rain gua	ırd		
Extension panel	 Fixed base		Foam sea	al A	C	)
Exhaust cover	Fixed clip	1	Foam sea (adhesive t			

#### Suggested tools for installation

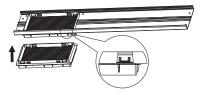
- 1. Screwdriver (medium size Phillips) 2. Tape measure or ruler 3. Knife or scissors
- 4. Saw (In the event that the window panel needs to be cut down in size because the window is too narrow for direct installation.)

#### Install window panel

1. Open the window and measure the width or height inside the window frame. Cut the Foam seal B to the proper length and attach it to your horizontal( or verical) sliding window.



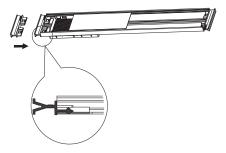
2. Attach the Mothproof net to the back side of the Window Panel. Push the Mothproof net securely into the Window Panel to ensure that is firmly installed.



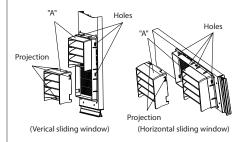
3. Insert the Exhaust cover to the Window Panel.



4. Push the fixed base to the end of Window Panel.



5. Connect the rain guards to the Mothproof net. Insert all three projections on each rain guard into the holes in the Mothproof net. Side "A" will now be at the top, as indicated in the diagram.



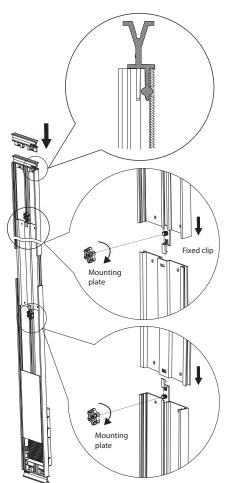
6. The window panel adapts to different window sizes that open horizontally or vertically.

- 6.1 For the window is too narrow for direct installation, The window panel needs to be cut down in size.
- 6.2 If the width of window is larger than the length of window panel, please use the adjustment panel to make sure you can span the entire length of your window.
- 6.3 Otherwise, you can add an extension panel to prolong the length of the windows panel assembly.
- 7. Push fixed base to the end of Window Panel assembly.

After the length is set, secure the panels with a fixed clip and mounting plate.

For certain windows, such as a casement window, you will need to improvise several steps of the installation.

**NOTE:** Insert the fixed clip into the groove of the adjustment panel and screw down the mounting plates.



8. Install the window panel into the window frame. Make sure that the exhaust cover is attached to the window panel.



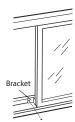
9. Close the window sash securely against the window panel.



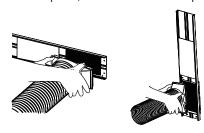
10. Stuff the foam seal A between the glass and the window to prevent air and insects from getting into the room.



11. Attach the bracket with a screw. (Recommended)



12. Slide and open the exhaust cover on the window panel, and install the Rear clip.



## **MALFUNCTION ANALYSIS**

Please check below items before asking for maintenance. If the malfunction still can't be eliminated, please contact local dealer or qualified professionals.

Issue	Possible Causes	Solution
Air conditioner can't operate	Power failure?	Wait after power recovery.
	Is plug loose?	Reinsert the plug.
	Whether the air switch is tripped off or fuse is burnt?	Ask professional person to replace air switch or fuse.
	Is there malfunction for the circuit?	Ask professional person to replace circuit.
	Whether the unit is restarted up after stopping immediately?	Wait for 3min, and then turn on the unit again.
	Is the power too low?	Wait after voltage is resumed.
	Whether the air filter is too dirty?	Clean the air filter.
Poor cooling (heating)	Whether the set temperature is proper?	Adjust the temperature.
	Whether door and window are closed?	Close door and window.
Air conditioner can't receive signal from remote controller controller is not sensible.	Whether the unit is interfered seriously (such as static pressure, unstable voltage)?	Please pull out the plug. Insert the plug after about 3 minutes, and then turn on the unit.
	Whether remote controller is within the receiving range?	The receiving range of remote controller is 8 m (26.25'). Do not exceed this range.
	Whether it's blocked by obstacles?	Remove the obstacles.
	Is sensitivity of remote controller low?	Check the batteries of remote controller. If the power is low, please replace the batteries.
	Whether there's fluorescence lamp in the room?	Move the remote controller close to air conditioner. Turn off the fluorescence lamp and try it again.
You can hear a knocking sound.	Whether the unit is turned on or turned off just now?	Heat expansion or shrinkage for the panel due to change of temperature, which cause friction sound.
There's abnormal sound during operation	Whether the unit is interfered by thunder, radio, etc?	Disconnect power, put through the power again, and then turn on the unit again.
There's off flavour	There's off-flavour source in the room, such as furniture, cigarette etc.	Eliminate the off-flavour source. Clean the filter.

Issue	Possible Causes	Solution
No air blowed out from air conditioner  Whether indoor temper  Whether indoor temper  Whether indoor temper  Whether indoor temper	Whether air outlet or air inlet is blocked?	Eliminate the obstacles
	Under heating mode, whether indoor temperature increase set temperature?(Cool & Heat Unit only)	The unit will stop blowing fan after reaching set temperature.
	Whether heating mode is started up just now? (Cool & Heat Unit only)	In order to prevent cold air, air conditioner will delay for a while to be started up, which is the normal phenomenon.
	Whether evaporator is defrosted? (observe it by pulling out the filter)	It's the normal phenomenon. Air conditioner is defrosting. After defrosting is finished, it will resume operation.
Set temperature can't be adjusted.	Whether the required temperature exceeds the temperature setting range?	Temperature setting range: 61°F (16°C) - 86°F (30°C).
You can heard water-flowing sound	Whether the unit is turned on or turned off just now?	There's flowing sound of refrigerant inside the air conditioner, which is the normal phenomenon.

#### Malfunction code

Code	Solution	
F1,F2,F4 F0	Please contact qualified professionals for service.	
E8, H3	<ol> <li>Check if the unit is under high-temperature and high-humidity environment; if ambient temperature is too high, power off the unit and then energize it for operation after the ambient temperature drops to 95°F (35°C) below.</li> <li>Check if the evaporator and condenser are blocked by some objects; if yes, take away the objects, power off the unit and then energize it for operation.</li> <li>If the malfunction still occur, please contact our after-sales service center.</li> </ol>	
H8	<ol> <li>Pour out the water inside chassis.</li> <li>If "H8" still exist, please contact professional person to maintain the unit.</li> </ol>	

# **A** WARNING

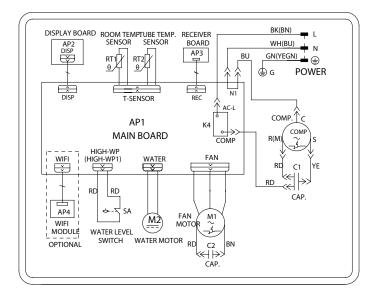
- If there're following phenomenon, please turn off the air conditioner and disconnect the power immediately, and then contact dealer immediately.
  - Power cord is overheating or damaged.
  - Abnormal sound during operation.
  - Off-scent.
  - Water leakage.
- Do not repair or refit the air conditioner by yourself.
- If operate the air conditioner under abnormal condition, it may cause malfunction, electric shock or fire hazard.

## **Operation test**

- Put through the power supply and then press ON/OFF button on remote controller to start the unit.
- Press mode button to select auto, cooling, drying, fan or heating function, and then check if the unit
  operates normally.
- If ambient temperature is below 61°F (16°C), the unit can't operate in cooling mode.

## **Electric schematic diagram**

The electric schematic diagram are subject to change without notice. Please refer to which one on the unit.



#### **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.