

INSTRUCTIONS FOR USE

PORTABLE AIR CONDITIONER WITH GREEN

GAS

PREPARATION BEFORE USE

SAFETY PRECAUTIONS

INTRODUCTION

IDENTIFICATION OF PARTS

REMOTE CONTROL

OPERATION INSTRUCTIONS

MAINTENANCE

TROUBLESHOOTING


PROTECTION

INSTALLATION INSTRUCTIONS

ELECTRICAL CONNECTION

This appliance is marked according to the European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol  on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

PREPARATION BEFORE USE

Before using the air conditioner, be sure to check and preset the following.

- **Remote Control presetting**

The remote control is NOT preset as Cooling Only Air Conditioner or Cooling Air Conditioner with Electric Heater by manufacturer.

Each time the remote control batteries are replaced, the Cooling indicator ☼ and Heating indicator ☾ will flash alternately on the remote control LCD.

The user can preset the remote control depending on the type of air conditioner purchased:

when ☾ flashes, press any button to set Cooling Air Conditioner with Electric Heater;

when ☼ flashes, press any button to set Cooling Only.

If you don't press any button within 12 seconds, the remote control will be automatically preset as Cooling Air Conditioner with Electric Heater (6th Sense mode).

SAFETY PRECAUTIONS

Be sure not to do the following.

- Do not direct the cool air at yourself for long period of time, this may harm your health. Deflect the air flow around the entire room.
- Do not direct the air flow towards gas burners and stoves.
- Do not touch the operation buttons when your hands are wet.

Pay attention to such a situation.

- Do not repair the appliance by yourself. Mistakes may result in electric shock etc..

Be sure to follow this instruction.

- Do not put any objects on the outdoor unit.

Earthing is essential.

- It is the user's responsibility to have the appliance earthed according to local laws by a qualified technician.

Warning: Incorrect handling could cause a serious hazard, such as death, serious injury, etc.

- Connect to the correct power supply as specified on the rating plate and do not use extension cables which could generate a serious fault or hazard, or cause a fire to break out.
- Keep the power supply circuit breaker or plug clean. Make sure the power cable is plugged in securely and correctly as insufficient contact could cause electric shock or fire.
- Do not try to disconnect the circuit breaker or pull the plug out to turn the appliance off. This may cause a fire due to sparks, etc.
- Do not twist, pull or press the power cable as this may damage the cable and result in electric shock or fire.
- Do not insert sticks or similar objects into the appliance as this could cause injury when the fan rotates at high speed.
- In the event of a fault, switch the appliance off using the remote control before disconnecting it from the power supply.



INTRODUCTION

Thank you for choosing this portable air conditioner. It will provide you and your family with all the Home Comfort requirements you may need for your home, cottage or office. The appliance can easily be moved from room to room and set up in just a few minutes.

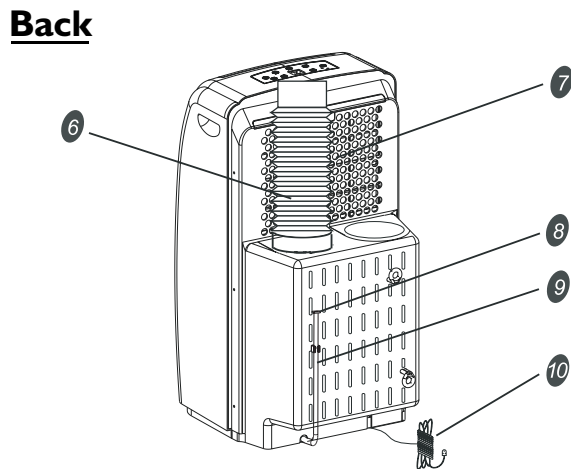
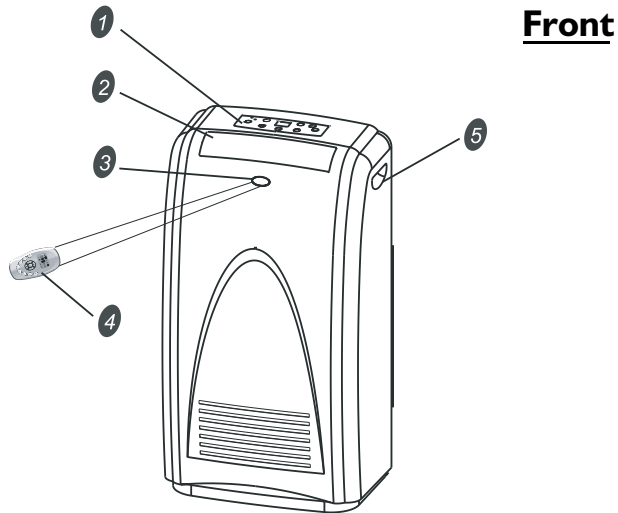
It is a multi-functional room air exchanging, air-processing appliance, designed to offer you the functions of: Air Conditioning, Dehumidifying, Heating and Independent Fan.

This manual will provide you with valuable information necessary for the proper care and maintenance of your new appliance. Please take a few moments and read the instructions thoroughly. If properly maintained, your appliance will give you many years of trouble free operation.

Electrical Specifications

1. All wiring must comply with local and national electrical standards and be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check the available power supply and rectify any wiring problems before installation and operation of this unit.
3. For your safety and protection, this appliance is earthed through the plug on the power cable when plugged into a matching socket. If you are not sure if the sockets in your home are properly earthed, consult an electrician. Do not use the appliance with adapters or extension cables.
If an extension cable is required, use only heavy appliance extension cables (available in most local hardware shops).

IDENTIFICATION OF PARTS



Front

- ❶ - Control panel
- ❷ - Air outlet
- ❸ - Signal receiver
- ❹ - Remote control
- ❺ - Transport handle

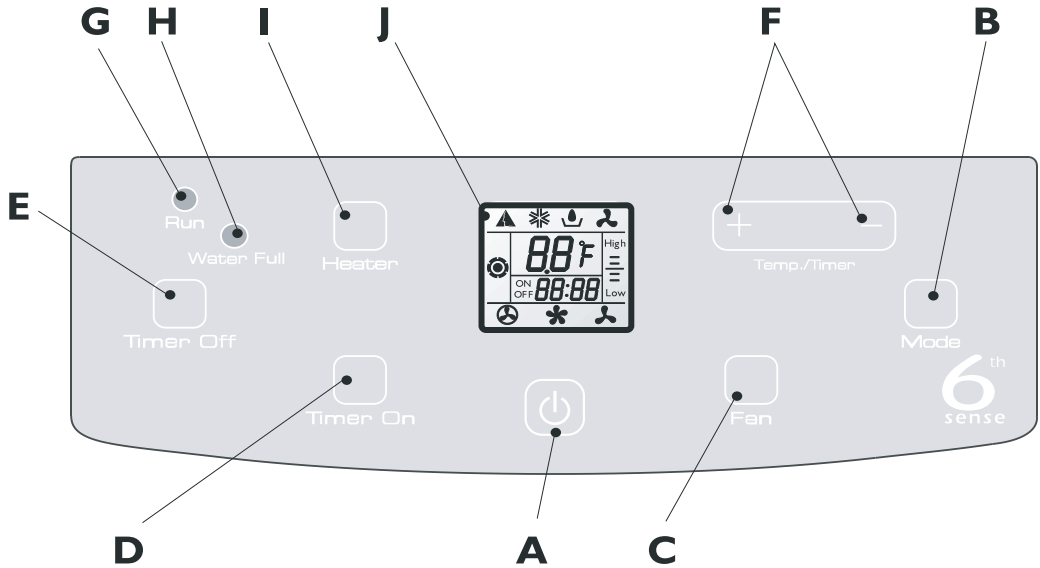
Back

- ❻ - Air outlet hose
- ❼ - Evaporator air intake
- ❽ - Rubber plug
- ❾ - Drain Hose
- ❿ - Power supply cord

NOTE:

The above drawing is a simplified representation of the air conditioner, which may differ slightly from the actual appliance you have purchased.

Control Panel



- A** - ON/OFF button: to start or stop the appliance
- B** - MODE button: to select the operation mode
- C** - FAN button: to select the fan speed
- D** - TIMER ON button: to set or cancel the Timer On function
- E** - TIMER OFF button: to set or cancel the Timer Off function
- F** - TEMP./TIMER setting buttons: to select temperature, adjust real time or set time
- G** - RUN indicator (green): lit up when the appliance is running
- H** - WATER FULL indicator (red): lights up when water needs to be drained
- I** - HEATER button: to heat the room
- J** - LCD display: identical to the LCD display on the remote control with the exception of the temperature display.

88°F Room temperature display
Flashes when temperature is being set

High
=
=
=
Low
Used to regulate temperature
in 6th sense mode or DRY mode

REMOTE CONTROL

The remote control transmits signals to the system.

A. ON/OFF button

Press this button to start the appliance when it is connected to the power supply or to stop it when the appliance is running.

B. MODE button

Used to select the operation mode.

C. SWING button

Used to adjust the direction of air flow.

D. 6th Sense button

To enable fuzzy logic function when the unit is either on or off.

E. $^{\circ}\text{C}/^{\circ}\text{F}$ button

To display temperature in either $^{\circ}\text{C}$ or $^{\circ}\text{F}$

F. LOCK BUTTON

To enable or disable buttons on remote control.

G. CLOCK BUTTON

To view or set time.

H. TIMER OFF button

To set or cancel Timer Off function.

I. TIMER ON button

To set or cancel Timer On function.

J. ROOM TEMPERATURE SETTING buttons

To select room temperature.

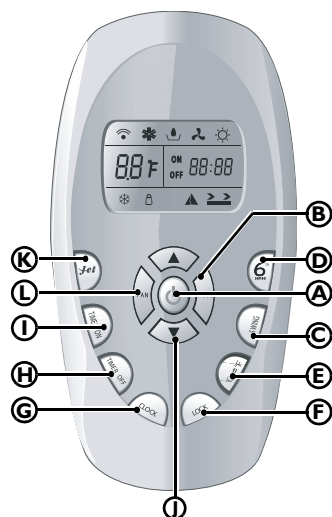
To adjust real time or set time.

K. JET button





To start or stop fast cooling.







L. FAN button



To select auto, high or low fan speed.



Indication symbols on LCD:

-  Signal transmit
-  6th Sense indicator
-  Cooling indicator
-  Dry indicator

-  Fan only indicator
-  Lock indicator
-  Heating indicator
-  Jet control indicator
-  Fan speed indicator
-  Display set temperature

-  Timer On or Timer Off indicator
-  Display real time

NOTE: Each mode and relevant function is described in the following pages.

How to insert the batteries

- Remove the battery cover in the direction of the arrow.
- Insert new batteries making sure that the (+) and (-) of battery are matched correctly.
- Refit the cover by sliding it back into position.

NOTE:

- Use 2 AA (1.5 V) batteries. Do not use rechargeable batteries. Replace batteries with new ones of the same type when the display becomes dim.
TO BE DONE BY THE USER - If the batteries are replaced within 1 minute, all remote control settings will be preserved. To reset the remote control, wait 3 minutes before inserting new batteries (see page 20 for details).

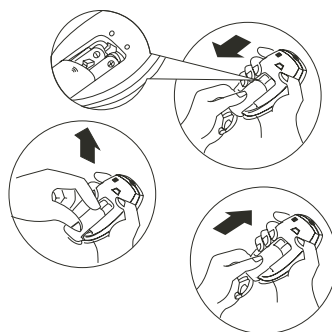
Storage and tips for using the remote control

The remote control can be stored in a wall-mounted holder.

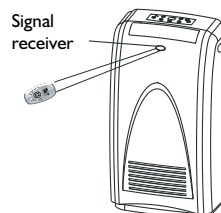
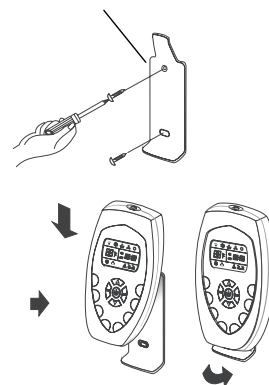
NOTE: The remote control holder is an optional accessory.

How to use the remote control

To operate the room air conditioner, point the remote control at the signal receiver. The remote control will operate the air conditioner at a distance of up to 7 m when pointing at the signal receiver of the indoor unit.



Remote control holder

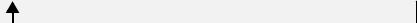


OPERATION INSTRUCTIONS

Operating modes

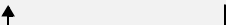
1. Selecting mode

Each time the **MODE** button is pressed, operating mode changes in the following sequence:

COOLING → DRY → FAN ONLY → HEATER


2. "FAN" mode

Each time the "FAN" button is pressed, the fan speed changes in the following sequence:

AUTO → HIGH → LOW


IMPORTANT:

- In "FAN ONLY" mode, only "High" and "Low" are available.
- In "DRY" mode, airflow is set at "Low" automatically, "FAN" button is ineffective in this case.

3. Setting temperature



Press once to raise temperature setting by 1°C



Press once to lower temperature setting by 1°C

Temperature range for presetting:

COOLING	18°C ~ 32°C
DRY	room temperature ± 2°C
FAN ONLY	unable to set

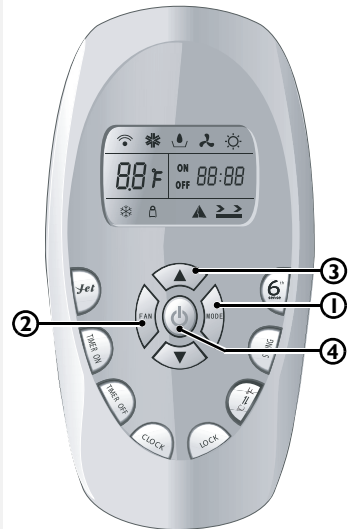
4. Turning on

Press the ① button. The RUN indicator will light up on the indoor unit when the signal is received.

Jet, 6th sense, DRY, TIMER ON and TIMER OFF operating modes will be specified in the following pages.

IMPORTANT:

- The unit will often not respond immediately when operating mode is changed during operation. Wait for 3 minutes.
- Allow 3 minutes to elapse before restarting the appliance.



Cooling mode

If you want to cool the room, you can operate the appliance as follows:

1. Press the MODE button and select cooling mode.
2. Press the FAN button to select the fan speed.
3. You also can set the appropriate temperature by using the temperature button.
4. When the above steps have been completed, press the ON/OFF button to make the appliance run in cooling mode.
5. You can adjust the fan direction by pressing the SWING button; press once to start, again to stop.

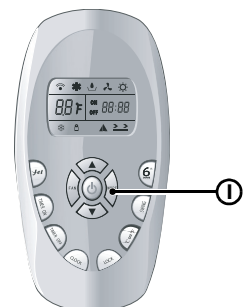
Dry mode

This function dehumidifies the room.

1. Press the MODE button and select dry mode.
2. You can set the appropriate temperature by using the temperature button.
3. Press the ON/OFF button to make the appliance run in dry mode.
4. You can adjust the fan direction by pressing the SWING button; press once to start, again to stop.

Note:

- The dry mode cannot be used to cool the room.
- A hot air outlet hose is required in Dry mode.
- In dry mode, fan speed is preset by the appliance, so the fan button is not applicable.
- In heater mode, and are not applicable.



Heater mode

1. Press the MODE button and select heater mode.
2. You can set TIMER ON or TIMER OFF in heating mode.

Additional instructions

1. If you select cooling or dry mode while the appliance is in another mode, the compressor will be delay-protected. Wait for 3~5 minutes, after which the appliance will run again. Do not press any button during the waiting time, or the appliance will re-count the protection time.
2. In Cool or Dry mode the compressor and fan will stop when the room temperature reaches the set temperature.

6th Sense mode

Pressing the 6th Sense button enables fuzzy logic function with the unit either on or off. In this mode, temperature and fan speed are set automatically depending on the actual room temperature.

Pressing the FAN button in 6th Sense mode when the appliance is in cooling mode will change fan speed in the following sequence: Auto - High - Low. In dry mode, the LCD display will appear as shown in the figure on the right although only Auto-speed will be enabled.









Operation mode and temperature are determined by indoor temperature

Indoor temperature	Operation mode	Target temperature
23°C or below	DRY	Room temperature decreases 1.5°C after operating for 3 minutes
Over 23	COOLING	23°C



Important: 6th Sense button is ineffective in JET mode.

Note: Temperature, airflow and direction are controlled automatically in 6th Sense mode. However, a decrease or increase of up to 2°C can be set with the remote control or control panel if you still feel uncomfortable.

A decrease or increase of up to 2°C can be set in 6th Sense mode

Your feeling	Button	Adjustment procedure
Slightly warmer A decrease up to 2°C can be set		Press once to lower the set temp by 1°C 
		Press twice to lower the set temp by 2°C 
Slightly cooler A rise up to 2°C can be set		Press once to raise the set temp by 1°C 
		Press twice to raise the set temp by 2°C 
Uncomfortable because of unsuitable air flow volume.		Indoor fan speed switches from High to Low each time the button is pressed.
Uncomfortable because of unsuitable flow direction.		Press once to alter the position of the vertical louver and change the direction of airflow. Note: There is no swing button on the control panel. Pressing the FAN button for 3 seconds will enable the swing function on the control panel. Press the FAN button again for 3 seconds to cancel this function.

Timer on setting

Setting the timer with the TIMER ON function when leaving the house in the morning is ideal to find a comfortable room temperature on your return. When you press TIMER ON, the ON indicator and 12:00 flash on the display. Press the  or , to increase or decrease the set time by 10 minutes. Press and hold for 1.5 seconds to increase or decrease the set time in continuous 10 minute steps.

Time can be set up to 24 hours in advance. When you have set the "TIMER ON" time, press TIMER ON again to confirm the TIMER ON setting.



How to cancel timer on



To cancel the timer ON setting, press the TIMER ON button for 3 seconds, or the setting will be active every day.

Timer off setting

Timer Off function is set using the TIMER OFF button in the same way as TIMER ON.

Adjusting the real time

You can adjust the real time by pressing the CLOCK button. Use the  and  buttons to set the correct time and press the CLOCK button again to confirm.

Note: Time can be adjusted in any mode using the TIMER ON and TIMER OFF buttons on the control panel. Press the Timer On and Timer Off button at the same time, 12:00 will be displayed, and then time can be adjusted. Press the  or  button once, the set time will increase or decrease by 1 minute. Press and hold the button for 1.5 seconds to increase or decrease the set time in continuous 10 minute steps. Time is based on a 24-hour clock and can be set up to 24 hours in advance. After setting the clock, press TIMER ON and TIMER OFF together to confirm the time set.

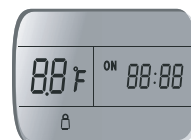
Otherwise, the time will be confirmed automatically after a 5 second delay.

JET mode

- Fast cooling operates at high fan speed, changing the set temperature automatically to 18°C (64 F).
- Jet mode is used to start or stop fast cooling. Jet mode can be set when the appliance is in operation or connected to the power supply.
- In Jet mode, you can set airflow direction or the timer. To exit Jet mode, press either the JET, MODE, FAN, ON/OFF or TEMPERATURE SETTING buttons and the display with return to the original mode.

Note:

- If none of the aforementioned buttons are pressed, the appliance with continue to run in Jet mode at a set temperature of 18°C.
- 6th sense button is not available in Jet mode.



MAINTENANCE

Appliance maintenance

Unplug from the power supply

Stop the appliance before unplugging.

Wipe with a soft, dry cloth

Use lukewarm water (below 40°C) to clean the appliance when it is very dirty.

- Use a dry, soft cloth to clean it.

Never use volatile substances such as gasoline or polishing powder to clean the unit.

Never sprinkle water on the indoor unit

- Danger! Electric shock!

Air filter maintenance

It is necessary to clean the air filter after approx. 100 hours of operation.

Clean it as follows:

Stop the appliance and remove the air filter

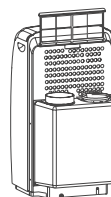
1. Stop the appliance first, then remove the air filter by pulling it upwards.

Clean and refit the air filter

2. If the filter is very dirty, clean it with a solution of lukewarm water and neutral detergent. After cleaning, dry it in a cool, shaded place then refit it.

IMPORTANT:

Clean the air filter every two weeks when the air conditioner is used in a dusty environment.



Maintenance after use

1. If the appliance is not going to be used for a long time, pull the rubber plug out of the drain port to drain all remaining water from the appliance.
2. Run the air conditioner in fan only mode for 12 hours on a sunny day to dry the inside of the appliance.
3. Stop the appliance, unplug it, remove the batteries from the remote control then store appropriately.
4. Clean the air filter and refit it.
5. Remove air hoses, store appropriately and cover the hole tightly.

TROUBLESHOOTING

Trouble	Analysis
Will not run	<ul style="list-style-type: none">• Has the protection device or fuse blown?• Please wait for 3 minutes and start again, the protection device may be preventing the unit from running.• Are the remote control batteries low?• Is the plug unplugged?
Runs for a short while only	<ul style="list-style-type: none">• If the set temperature is close to room temperature, try lowering it.• Are the air conditioner intakes and outlets obstructed?
No cool air	<ul style="list-style-type: none">• Is the door or window open? Are any other appliances such as heaters, lamps etc. switched on at the same time?• The air filter is dirty, please clean it.• Air outlet or intake blocked.• Set temperature is too high.
Water leaks when appliance is moved	<ul style="list-style-type: none">• Drain the condensate before moving.
Does not run and water full indicator lights up	<ul style="list-style-type: none">• Pull out the rubber plug to drain water.• If the problem persists, contact an approved service engineer.

PROTECTION

Operating condition

The protective device may trip and stop the appliance in the cases listed below.

COOLING	Outdoor air temperature above 43°C
	Room temperature below 18°C
DRY	Room temperature below 18°C

When the air conditioner is run in "COOLING" or "DRY" mode with a door or window open and relative humidity higher than 80%, condensation will drip from the outlet.

Features of protection device

- **The protection device will work in the following cases:**
- When the appliance is restarted after an interruption to operation or when operating mode is changed with the appliance already running, allow 3 minutes to elapse first.
- When you switch the appliance on immediately after plugging it in, there may be a delay of 20 seconds before it starts running.
- When you restart the appliance after it has been unplugged and plugged back in, it will return to the original mode, and TIMER ON and TIMER OFF must be set again.

Drain water

In COOLING or DRY operating modes, the water full indicator (red) may light up. Disconnect the appliance from the power supply and move it to a suitable place where you can pull out the water plug and drain the water. After this operation, be sure to replace the plug, otherwise water will leak out.

If the appliance is placed in a position where drainage water can be disposed of, you can connect the drain tube to the drain port for continuous drainage.

INSTALLATION INSTRUCTIONS

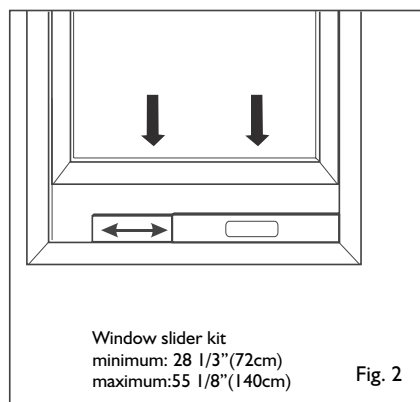
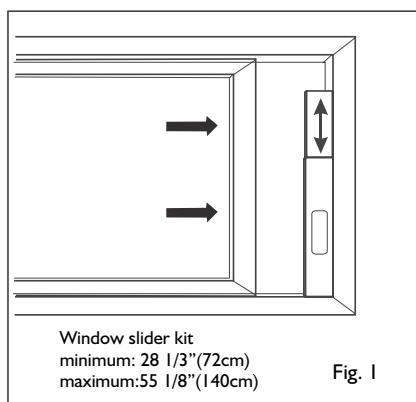
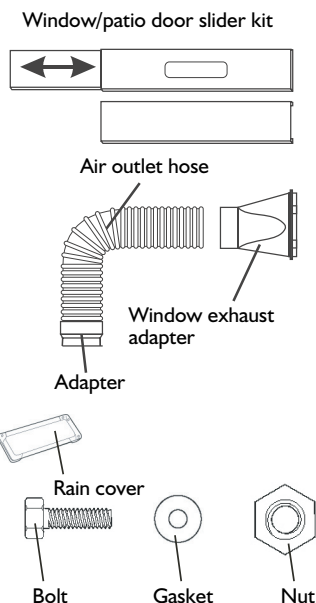
Installation accessories

Description	Quantity
Air outlet hose	1/set
stretches from 17 3/4"(45cm) up to 70 4/5"(180cm)	
Window exhaust adapter	1/set
Adapter	1/set
Window/patio door slider kit	3/set
from 28 1/3"(72cm) up to 55 1/8"(140cm)	
Rain cover	1/set
Bolt	2/set
Gasket	2/set
Nut	2/set

Window kit installation

Your window kit has been designed to fit most standard vertical and horizontal window applications. Nevertheless, some aspects of these installation procedures may need to be adapted for certain types of windows. Please refer to Figures 1 & 2 below for minimum and maximum window openings.

Note: Window kit available for some models only.



Select the best location

- Beside a window, a door or a French window.
- Keep the required distance from the return air outlet to the wall and at least 50cm from other obstacles.

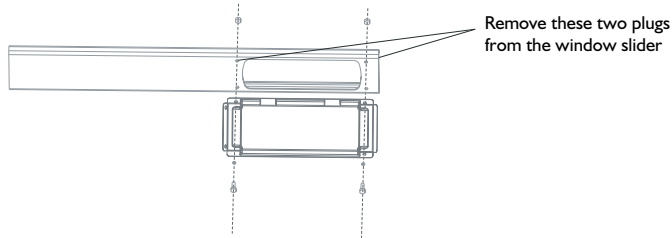
Installation instructions

- Do not obstruct air outlets or intakes with curtains or other obstructions.
- The end of the air hose must not be blocked by shutters or other obstructions.
- Do not bend the air hose when assembling.
- For single duct models only.
- When assembly window slider and slider arm and (or) the third piece of the slider, if the window slider is shorter than the width of the window, pull the sliding arm out to the width of the window. If the window slider is longer than the width of the window, cut the slider arm to the width off the window. If the two-piece window sliders are too short for the width of the window, use the third piece of the slider.

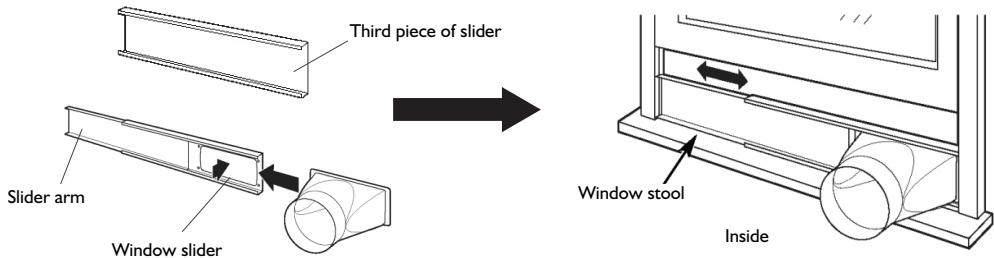
Installation sequence

• Double Hung Window

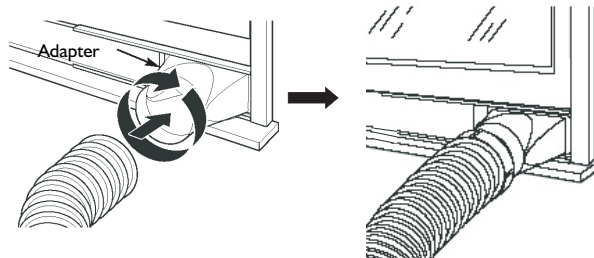
1. Remove the appropriate plugs (save in a secure place) from the window slider to prepare for either a double hung window installation or a slider window installation. Line up the holes on the rain cover and the window slider. Use the bolts, gaskets and nuts to attach the rain cover onto the window slider.



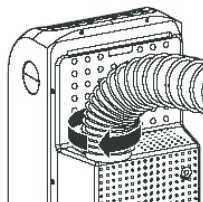
2. Attach the exhaust adapter to the window slider. Then fix the window slider and the slider arm and (or) the third piece of the slider to the window stool.



3. Insert the end of the hose into the exhaust adapter and rotate it several times to thread it securely into the adapter.

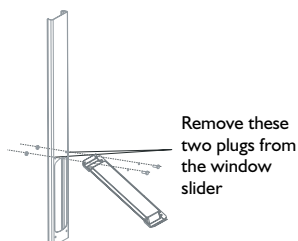


4. Attach the unit end of the exhaust hose to the back of the air conditioner by pushing it into the exhaust outlet and twisting to lock it in place.

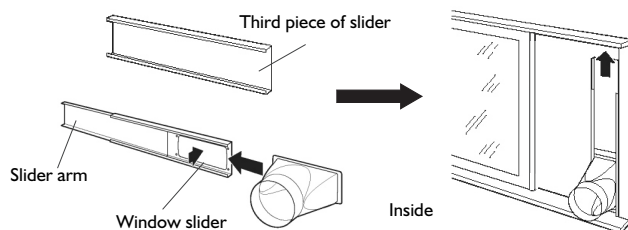


• Sliding Window

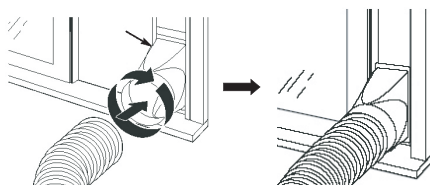
1. Remove the appropriate plugs (save in a secure place) from the window slider to prepare for either a double hung window installation or a slider window installation. Line up the holes on the rain cover and the window slider. Use the bolts, gaskets and nuts to attach the rain cover onto the window slider.



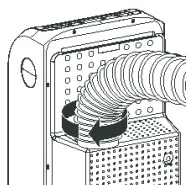
2. Attach the exhaust adapter to the window slider. Then fix the window slider and the slider arm and (or) the third piece of the slider to the window stool.



3. Insert the end of the hose into the exhaust adapter and rotate it several times to thread it securely into the adapter.



4. Attach the unit end of the exhaust hose to the back of the air conditioner by pushing it into the exhaust outlet and twisting to lock it in place.



Now, plug the power cable into a grounded electrical socket. Press the ① button to start the appliance.

Note: Do not use a standard extension cable. If necessary, use an approved "air conditioner" extension cable only (available at most local hardware shops).

Notes

- Please read this manual before installing and using the portable air conditioner.
- Do not let air enter the refrigeration system or discharge refrigerant when moving the air conditioner.
- Test run the air conditioner after finishing installation, and record details of operation.
- The PCB unit uses a fuse with rating 3.15 A, 250V.
- Users must provide an appropriate fuse for the current supplied at maximum power input or use.

ELECTRICAL CONNECTION

1) For Great Britain only

Warning - this appliance must be earthed

Fuse replacement

If the mains lead of this appliance is fitted with a BS 1363A 13amp fused plug, to change a fuse in this type of plug use an A.S.T.A. approved fuse to BS 1362 type and proceed as follows:

1. Remove the fuse cover (A) and fuse (B).
2. Fit replacement 13A fuse into fuse cover.
3. Refit both into plug.

Important:

The fuse cover must be refitted when changing a fuse and if the fuse cover is lost the plug must not be used until a correct replacement is fitted.

Correct replacement are identified by the colour insert or the colour embossed in words on the base of the plug.

Replacement fuse covers are available from your local electrical store.

2) For the Republic of Ireland only

The information given in respect of Great Britain will frequently apply, but a third type of plug and socket is also used, the 2-pin, side earth type.

3) Socket outlet / plug (valid for both countries)

If the fitted plug is not suitable for your socket outlet, please contact Whirlpool Service for further instruction. Please do not attempt to change plug yourself. This procedure needs to be carried out by a qualified Whirlpool technician in compliance with the manufactures instructions and current standard safety regulations.

