



**BLU12HP**

## **Portable Air Conditioner**



Please read these instructions carefully before operation and retain for future reference.

EAN: 5060215200409

01.01.2023

### **Get In Touch**



**Call:** [0845 6880112](tel:08456880112)



**Email:** [info@adremit.co.uk](mailto:info@adremit.co.uk)

### **Our Address**

Puravent, Adremit Limited, Unit 5a, Commercial Yard,  
Settle, North Yorkshire, BD24 9RH



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## Thank you for choosing our product.

If you require any additional support, please do not hesitate to contact us

George's Industrial Services Ltd  
Unit 26 The IO Centre  
Hearle Way  
Hatfield  
AL10 9EW  
020 8207 2455  
[sales@airconditioningdirect.com](mailto:sales@airconditioningdirect.com)

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**When using this appliance in the European countries, the follow information must be observed:**

Do not dispose of this product as unsorted waste.

It is prohibited to dispose of this appliance as domestic household waste. For disposal:

- a. Contact your local council
- b. Old products contain valuable resources, which should be recycled as scrap metal.



Upon receipt, as with all portable air conditioners, please keep unit upright and leave standing for 3 to 4 hours before use. Please store the box and packaging, as this will be required, in the unlikely event that you need to return it. The main box can be stored flat pack to save space.

Inappropriate disposal of waste endangers your health when hazardous substances leak into the ground and water and find their way into the food chain.

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# BS PLUG WIRING

## BS PLUG WIRING

**Wiring Instructions:** Should it be necessary to change the plug, please note the wires in the mains lead are coloured in accordance with the following codes:

**BLUE - NEUTRAL**  
**BROWN – LIVE**  
**GREEN AND YELLOW - EARTH**

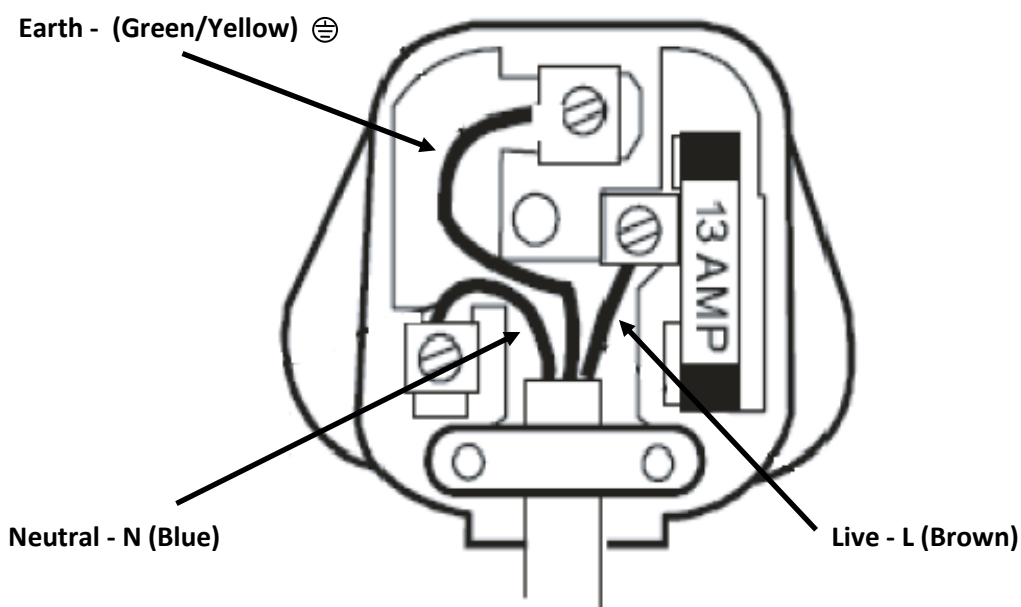
In the event that the colours of the wires in the mains lead of this appliance does not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED**.
3. The **GREEN/YELLOW** is **EARTH** and must be connected to the terminal which is marked with the letter **E** or  $\oplus$  or coloured **GREEN** or **GREEN/YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.



If a **13A (BS 1363)** fused plug is used it must be fitted with a **13A** -fuse. If in doubt consult a qualified electrician.

### Wiring for a 13 Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or  $\oplus$  Earth Symbol.



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# IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING.

## WARNING!

This appliance is intended for domestic and light office use only. Any other use is not recommended by the manufacturer as it may cause fire, electrical shocks or other injuries to person or property.

**When using electrical appliances, basic safety precautions should always be followed:**

1. Do not operate the appliance where there is a damaged cord or plug or after it malfunctions or it has been dropped or damaged in any way. Arrange for the appliance to be examined or repaired by an authorised technician.
2. Always keep the appliance in an upright position to avoid any damage. Place the appliance on an even level surface during operation.
3. Ensure the household voltage matches the rated specification for the appliance before use.
4. Operate this appliance in an ambient temperature between 16°C and 35°C.
5. Ensure that the air inlets and outlets are not blocked or covered. Do not insert fingers or any objects into the air inlet or outlet openings.
6. Do not place the unit too close to curtains or other objects, keep minimum distance of 50cm.
8. Never place anything on top of the appliance and do not cover while in use.
9. To protect against electrical shocks, do not immerse or spray the appliance or any of its parts in water.
10. Never unplug the power cord without switching OFF the appliance first.
11. Always unplug the appliance when not in use or when moving location. To disconnect the appliance from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
12. Always empty the internal water tank before storing the appliance away.
13. Close supervision is necessary when the appliance is used in the presence of children and pets.
14. Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may become a trip hazard.
15. Never operate or store the appliance in direct sunlight.
16. Repairs must be carried out by an authorised technician, failure to do so may cause damage to the appliance or injury to persons or property and void the warranty. Always insist on original spare parts.
17. Avoid the using of an extension cable as they may overheat and cause a risk of fire.
18. Do not use the appliance without the air filter. Clean or replace the air filter regularly.
19. Do not leave the appliance unattended in continuous drainage over a long period of time.
20. At the end of its working life dispose the appliance responsibly, in accordance with local regulations.
21. Before cleaning or maintaining the appliance, please turn off the power and pull out the power plug.
22. Do not insert or pull out the power plug with wet hands.
23. If the power 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.
24. Do not splash or pour water onto appliance. Otherwise, it may cause short circuit or damage to it.
25. Do not operate heating equipment around the appliance.
26. Keep a safe distance from fire source, inflammable and explosive objects.
27. Keep children from playing or climbing with / on the appliance.
28. Do not put clothes above the appliance to dry.
29. Do not repair or disassemble the appliance by yourself.
30. Do not insert any objects into the appliance.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, 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.

**READ & SAVE THESE IMPORTANT SAFETY INSTRUCTIONS FOR FUTURE REFERENCE**

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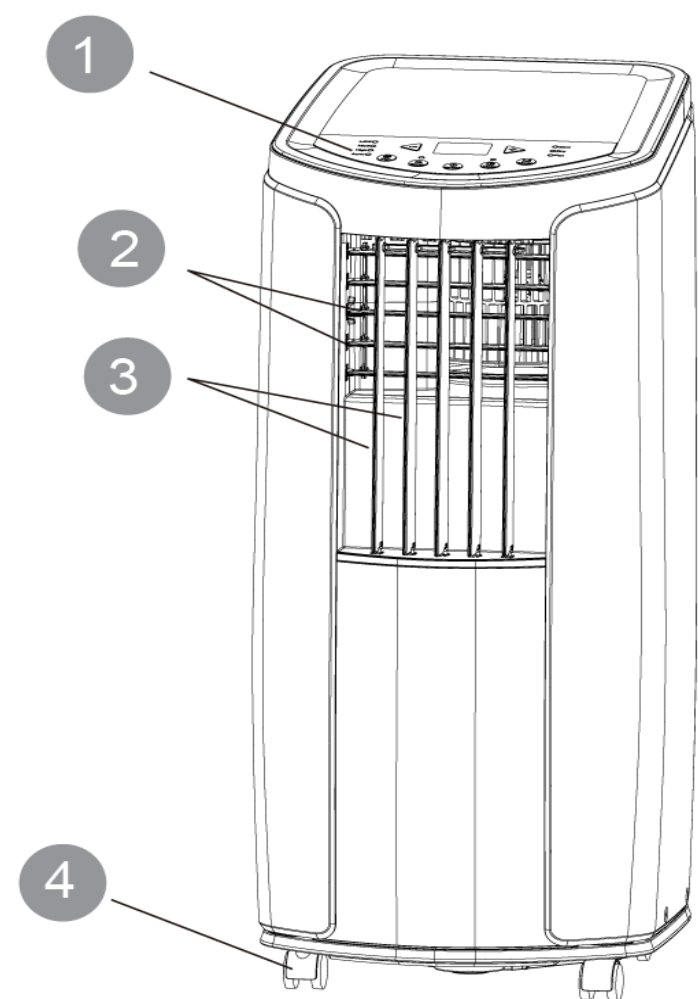
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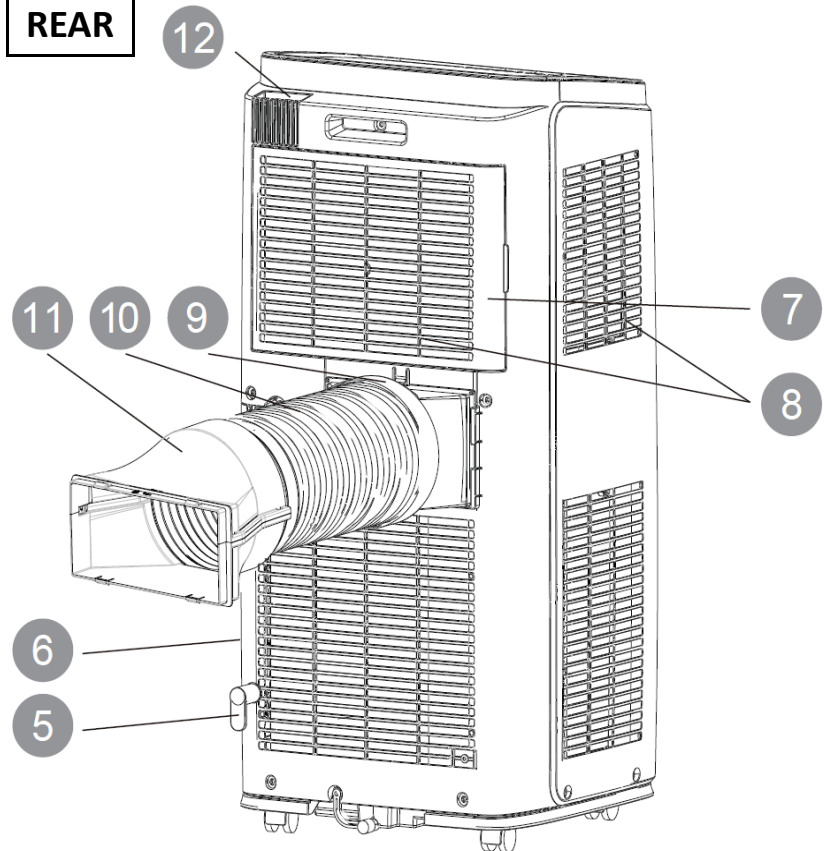
# INTRODUCTION

## FRONT



- 1. Control panel
- 2. Guide louvre (manual)
- 3. Swing louvre (manual)
- 4. Castor
- 5. Power cord hanger
- 6. Plug of power cord
- 7. Filter
- 8. Air Inlet
- 9. Joint A
- 10. Discharge pipe
- 11. Rear joint
- 12. Remote Control holder

## REAR



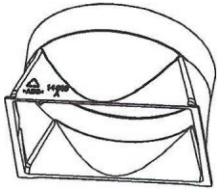
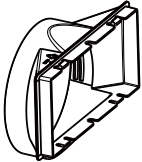
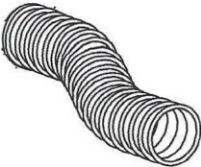
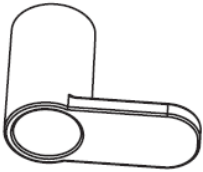


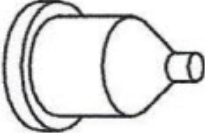


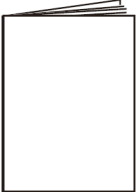
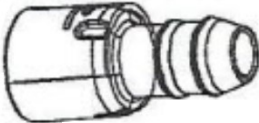
**Remote controller**  
Universal Remote Controller  
(Swing function not available  
for this unit)



# INSTALLATION

**Note:** check if the accessories are available before installation.

## PACKAGE CONTAINS

			
joint A	Rear clip	discharge pipe	power lead hook (2)
			
screw	pipe clamp	rubber plug	remote control
			
drainage pipe (10mm)	user manual	drainage connector	

## TOOLS NEEDED FOR INSTALLATION

Window Kits are available for sash/sliding windows. Please contact us for further information [sales@airconditioningdirect.com](mailto:sales@airconditioningdirect.com) or alternatively call us on 020 8207 2455.

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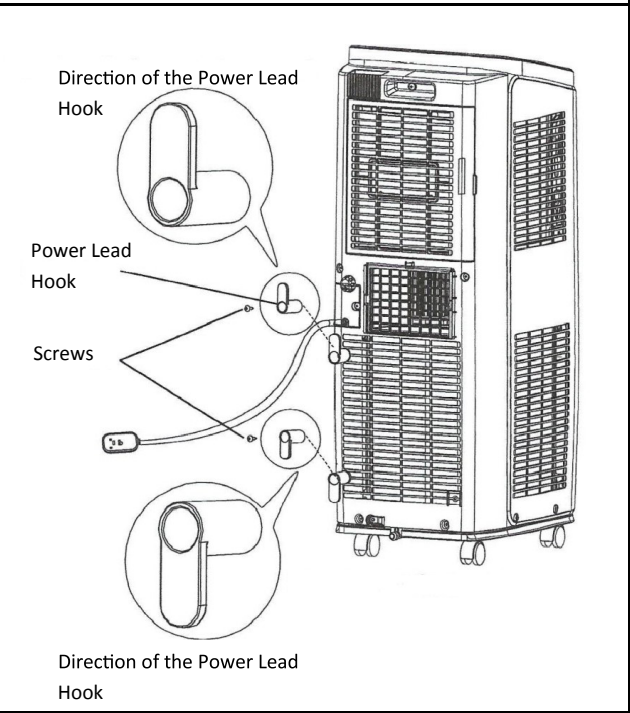


# INSTALLATION

## INSTALLATION OF POWER LEAD HOOK

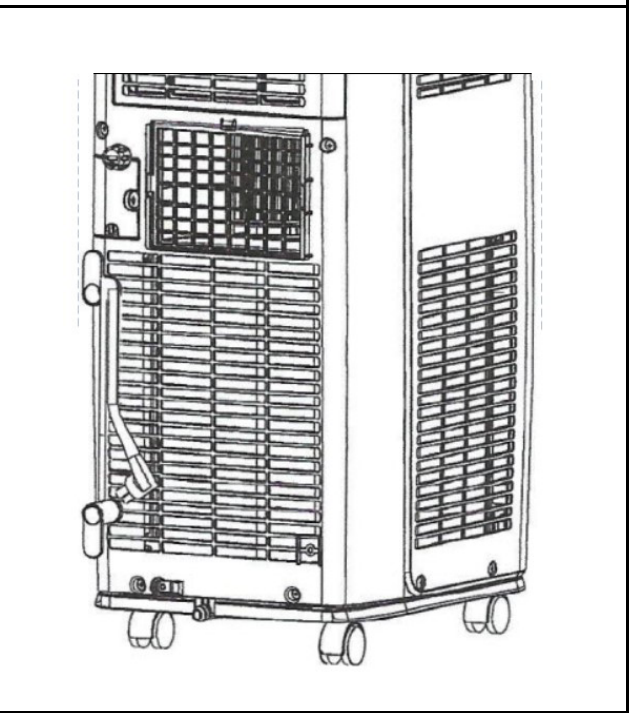
### STEP 1. ASSEMBLE THE POWER LEAD HOOKS AT THE BACK OF THE APPLIANCE

Use screws to fix the power lead hooks at the back of the appliance as shown below.



### STEP 2. WIND THE POWER LEAD AROUND THE HOOKS

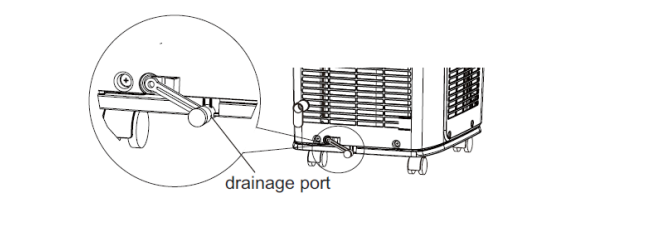
When you are not using the appliance wind the power lead around the hooks as shown below.



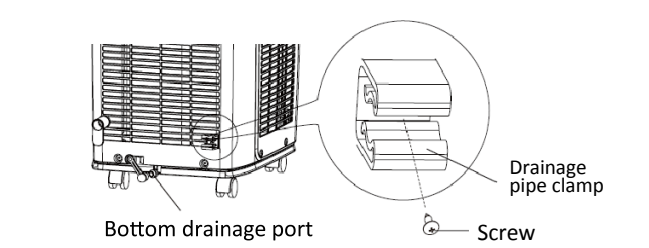
## INSTALLATION OF DRAINAGE

### DRAINAGE FROM BOTTOM DRAINAGE PORT(To remove excess water if required.)

**STEP 1.** Remove the rubber plug from the bottom drainage port.

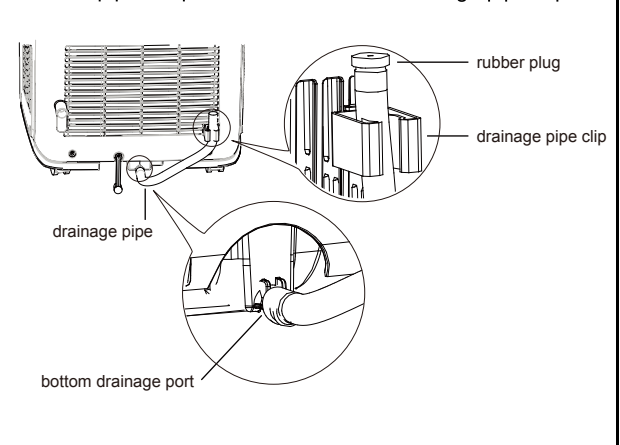


**STEP 2.** Attach the drain hose pipe clamp to the back panel of the appliance near the bottom drainage port with the screw provided.





**STEP 3.** Attach one end of the drainage pipe to the drainage port with the pipe clip.

Make sure the hose is fully inserted into the drainage port.  
Put the rubber plug into the other side of drainage pipe, fix it with pipe hoop and then fix it in the drainage pipe clip.



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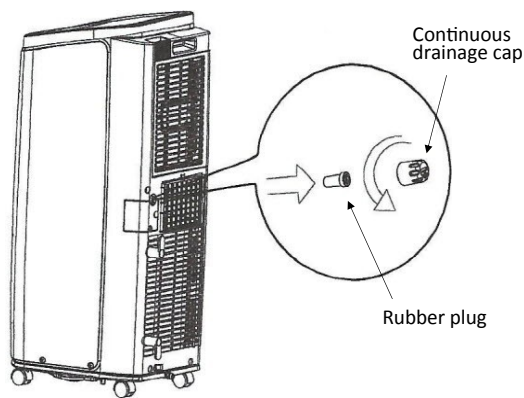


INSTALLATION OF CONTINUOUS DRAINAGE

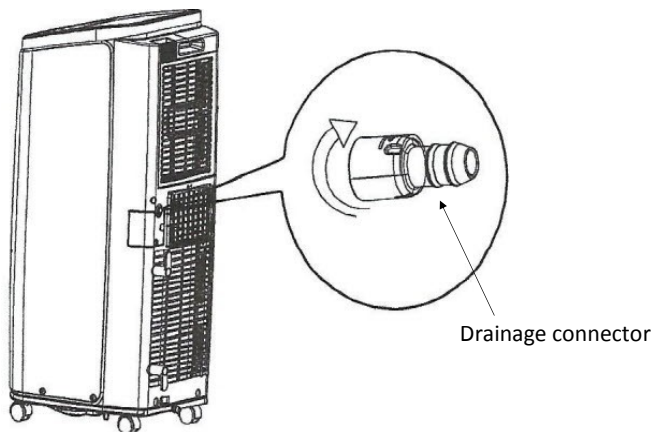
CONTINUOUS DRAINAGE FROM MIDDLE DRAINAGE PORT  
(Optional, where humidity levels are high, or if using on dry mode)

Water can be automatically emptied from the middle drainage port with a 10mm inner diameter hose.

**STEP 1.** Remove the continuous drainage cap by turning it counter clockwise then remove the rubber plug from the middle drainage port.



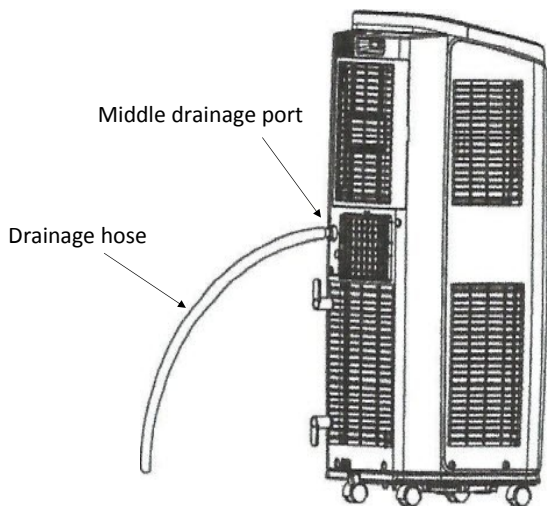
**STEP 2.** Screw the drain connector to the drainage port by turning clockwise.



**STEP 3.** Insert the drainage hose (14mm) into the drainage connector.

Make sure the drainage hose goes downward from the middle drainage port.

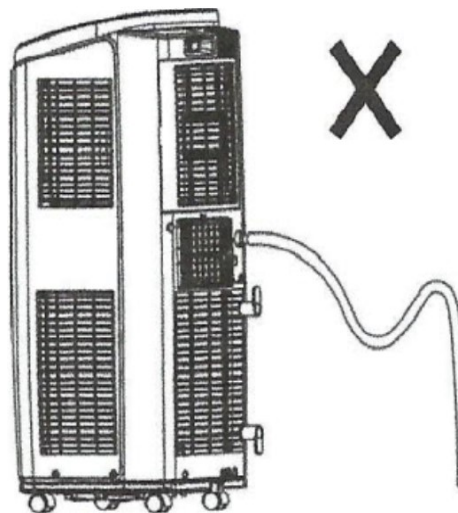
The end of the drainage hose should not be outside when temperature below 1°C.



**NOTE:** When using continuous drainage option;

- ◆ Place the appliance on a level surface
- ◆ Make sure the continuous drainage hose is clear of any obstructions.
- ◆ The drainage hose should be placed downwards from the drainage ports.
- ◆ Do not bend or kink the drainage hose.

**THE ABOVE IS NOT FOLLOWED THE APPLIANCE CAN LEAK WATER.**





# INSTALLATION

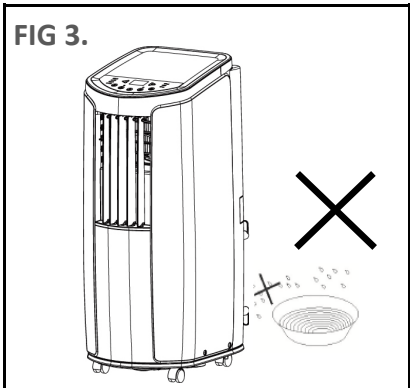
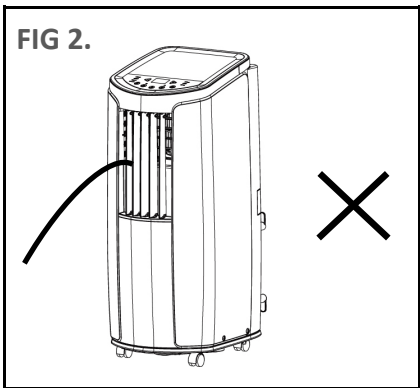
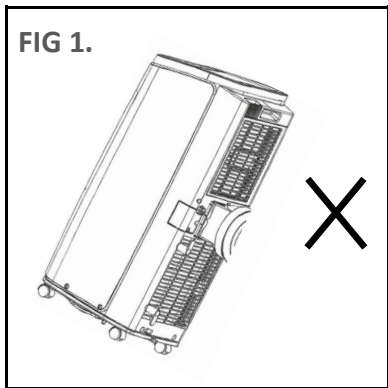
## WARNING

- ◆ Two or more people are required to move and install the appliance.
- ◆ Failure to do so may result in back or other injuries.

Do not pull the appliance along by the power cord. See Fig 1.

Do not place objects on the appliance or restrict air inlet / outlet. See Fig 2.

Do not use the appliance in humid or wet environment. See Fig 3.

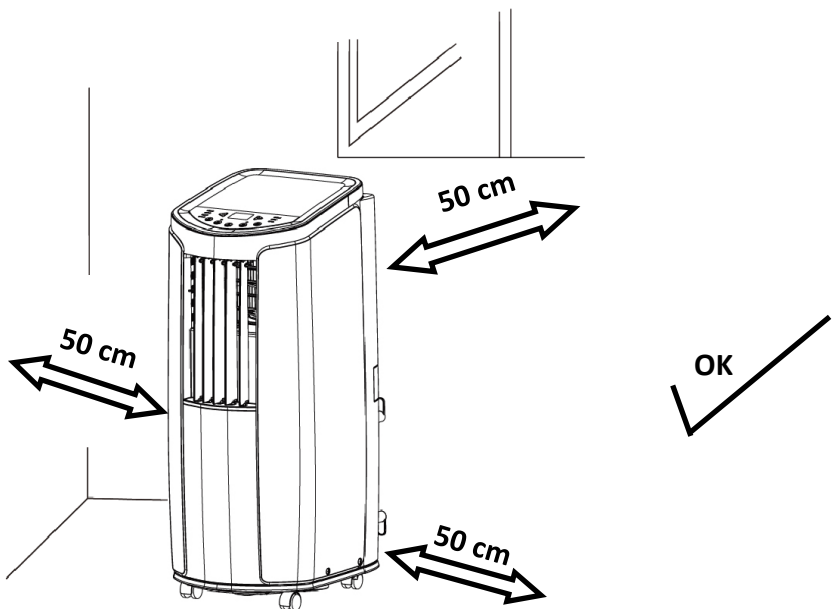


## INSTALLATION REQUIREMENTS:



- ◆ The appliance shall be installed in accordance with national wiring regulations.
- ◆ The appliance is for indoor use only, but should not be installed in a high humidity area (i.e. laundry room or wet room).
- ◆ Place the appliance on a smooth level floor that is strong enough to support it.
- ◆ Allow at least 50cm of air space on all sides of the appliance for good ventilation.
- ◆ Place the appliance in an area where the temperature will not fall below 16°C. Otherwise the coils will be covered with frost at temperatures below 16°C and this may reduce performance.

### Note:

The appliance has castors for easy movement.



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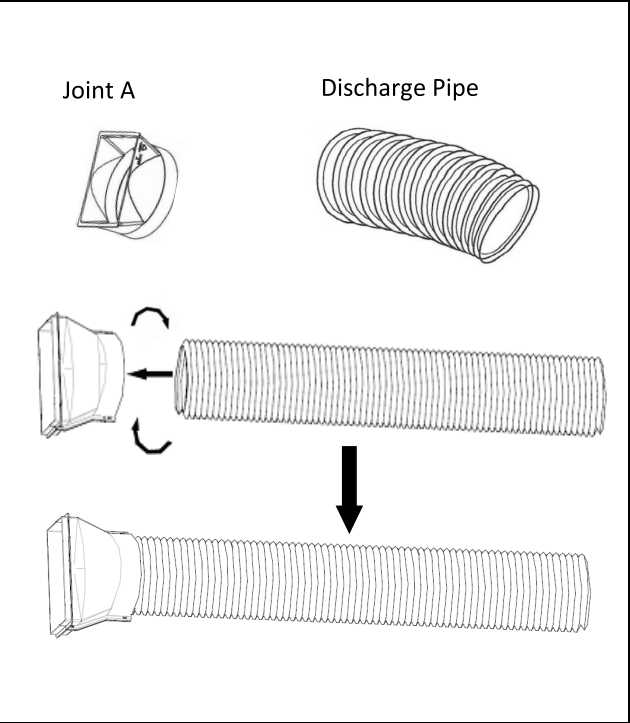


# INSTALLATION

## INSTALLATION OF DISCHARGE PIPE

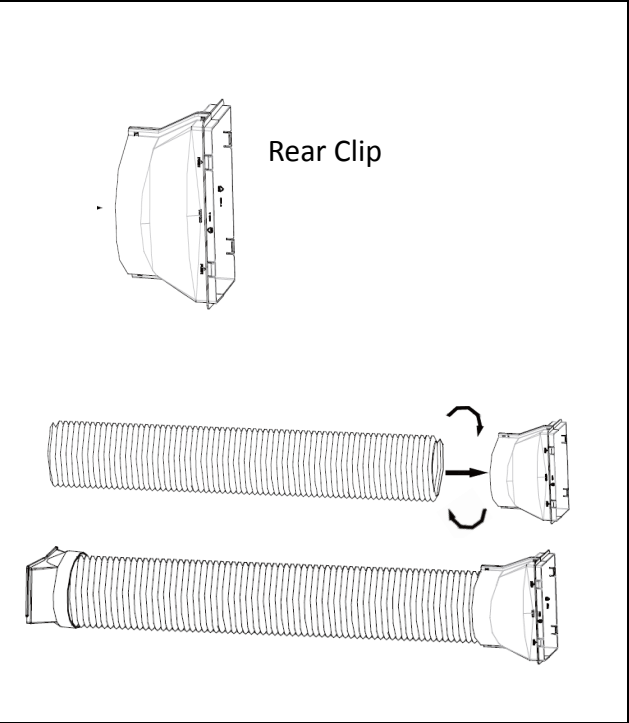
### STEP 1. CONNECT JOINT “A” TO DISCHARGE PIPE

Attach Joint A to discharge pipe, by rotating joint and pipe.



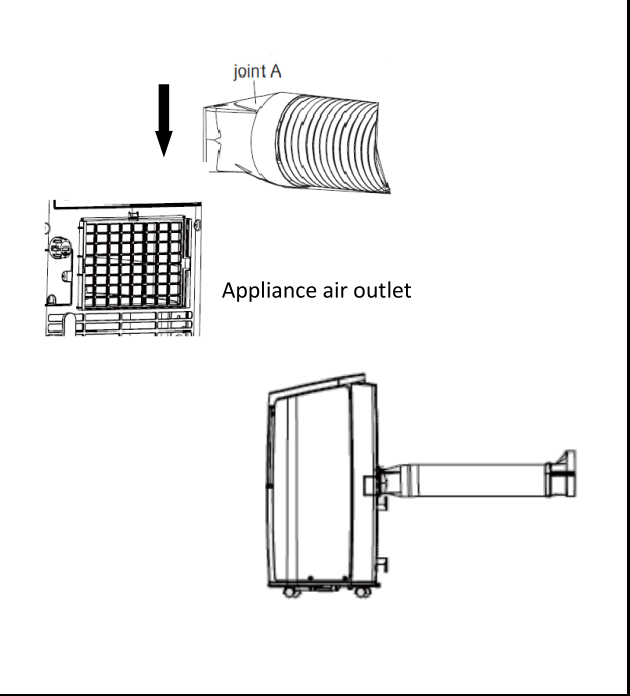
### STEP 2. CONNECT REAR JOINT DISCHARGE PIPE

Connect rear clip to discharge pipe, rotate rear clip and pipe.



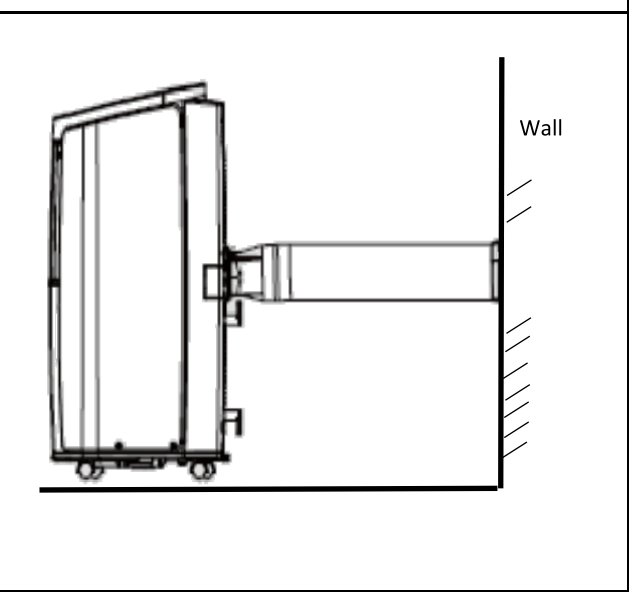
### STEP 3. CONNECT DISCHARGE PIPE TO APPLIANCE

Add this slide down Joint A to the air outlet on one back of the portable air conditioner. It will slot into place.



### STEP 4. DISCHARGE PIPE THROUGH THE WALL (OPTIONAL)

1. Put a 150mm hole through the wall. (outer diameter 142mm)
2. Insert the discharge pipe through the hole.
3. Seal the gap between the wall and the discharge pipe.



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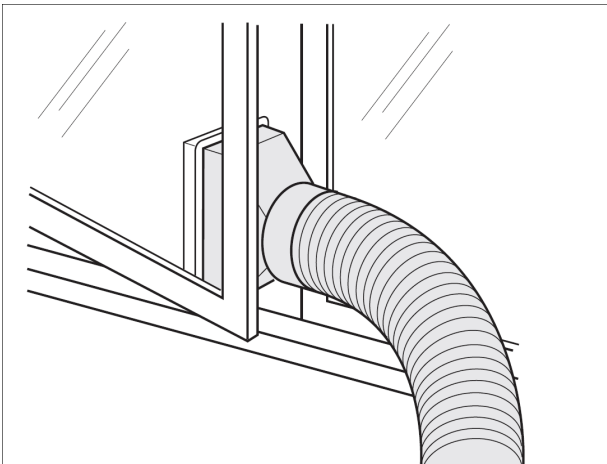
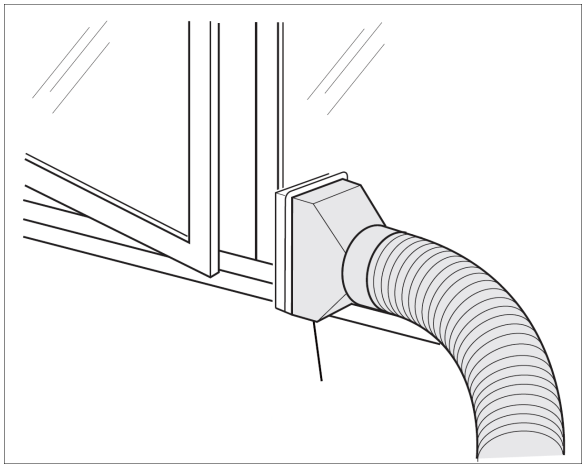
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INSTALLATION OF DISCHARGE PIPE

STEP 5. DISCHARGE PIPE THROUGH A WINDOW GAP

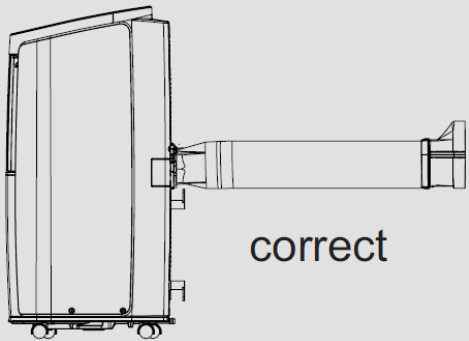
- 1. Open the window and place the discharge pipe between the window frame and the window.



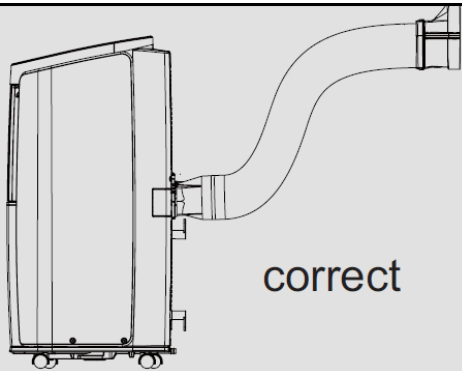
STEP 5. DISCHARGE PIPE CONNECTION

In order to improve cooling and heating efficiency, make sure the discharge pipe is as short and straight as possible.

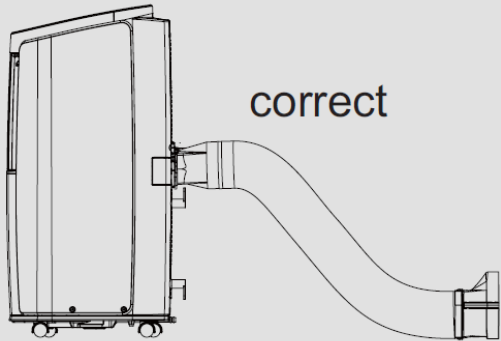
Extending the hose is not recommended.



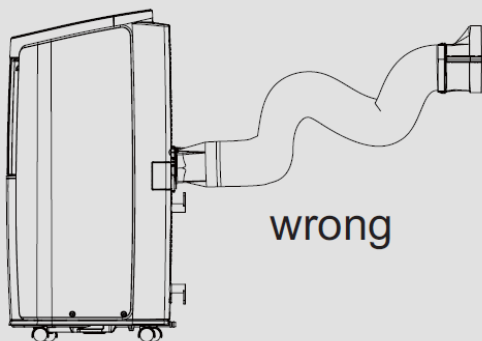
correct



correct



correct



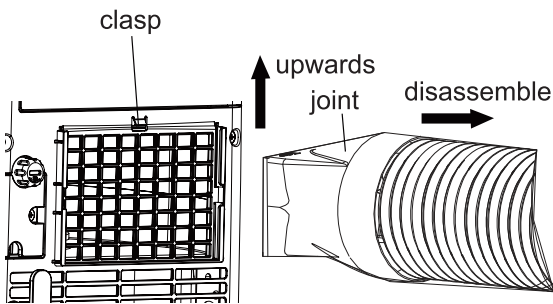
wrong



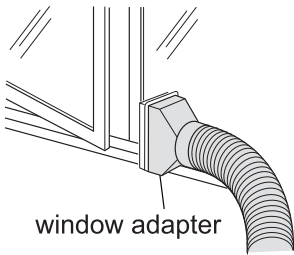
INSTALLATION AND DISASSEMBLY OF HEAT DISCHARGE PIPE

Disassemble heat discharge pipe

- 1. Remove joint:  
Press the clasp and lift joint upwards to remove it.



- 2.Remove window adapter from outdoors.



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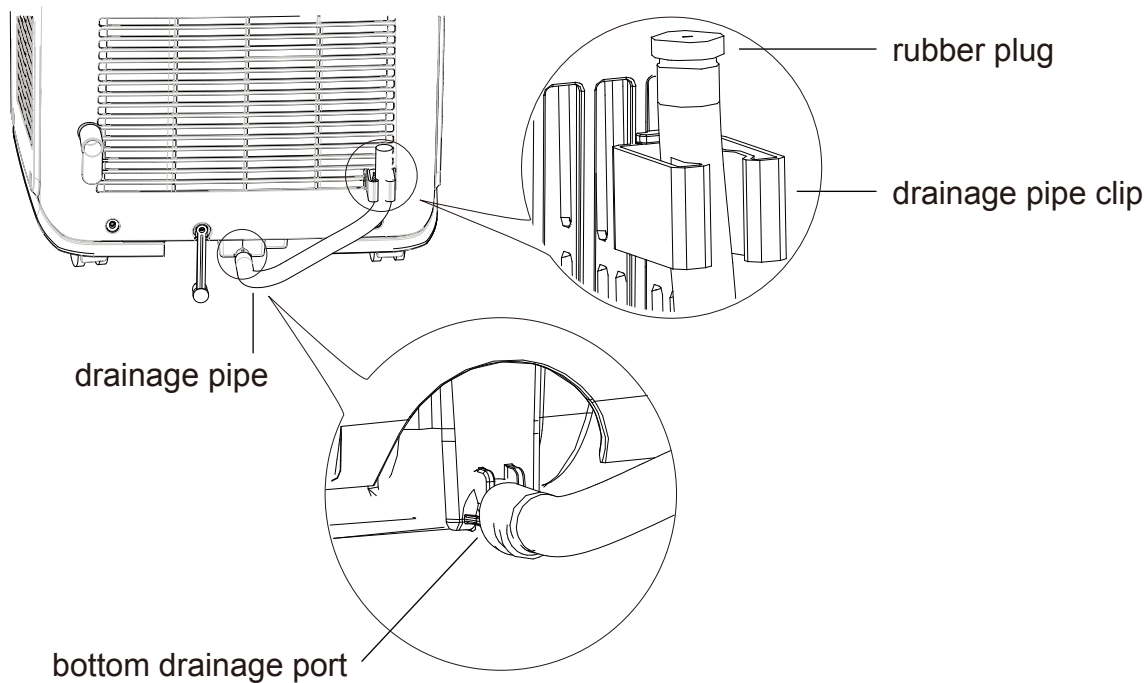


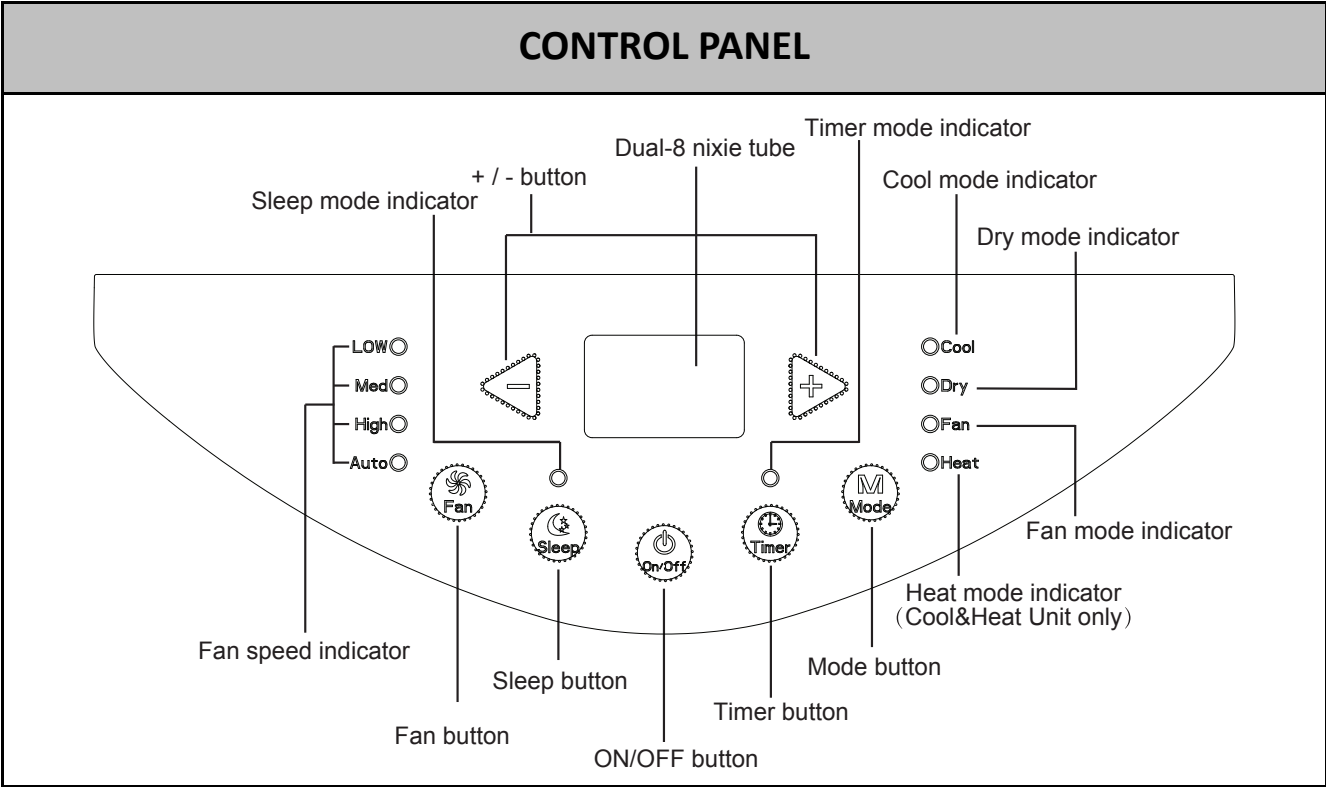
DRAIN WATER FROM APPLIANCE

DRAIN WATER FROM BOTTOM DRAINAGE PORT

During cooling mode, the appliance may require water drainage from the bottom drainage port. This will be indicated as an "H8" error. (see troubleshooting pg 22 -24)

1. Remove the drainage pipe from the drainage pipe clamp and release the excess water by removing the rubber plug.
2. Drain the water out completely and the appliance should resume operation. Secure the plug and hose back into position.





- ◆ After switching **ON**, the appliance will respond with a beep sound. After that, you can operate the appliance with the control panel or remote control.
- ◆ Under **ON** status, when pressing any button on control panel, the appliance will give out a sound. Meanwhile, corresponding indicator light on control panel will be on.
- ◆ Under **OFF** status, there is no display on the control panel.
- ◆ Under **ON** status, the set temperature will show on the display control panel only in cooling mode.
- ◆ For any other modes, the display will not show the temperature.

**ON / OFF BUTTON** 

Press the ON/OFF button to switch on and off.

**MODE BUTTON** 

Press this button to select :

**COOL:** When cooling Mode indicator is on, the appliance will operate in cooling mode. Display shows the set temperature.

**DRY/DEHUMIDIFICATION:** When drying Mode indicator is on, the display shows nothing. Appliance will operate at low speed only. **Recommended to use continuous drainage , from middle drainage port, in this mode otherwise water needs to be drained frequently.**

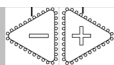
**FAN:** When fan mode indicator is on, the display shows nothing. The appliance only blows air in the ambient temperature as a fan does.

**HEAT:** When heating mode indicator is on, the appliance will operate in heating mode. Display shows the set temperature. **Recommended to use continuous drainage, from bottom drainage port, in this mode otherwise water needs to be drained frequently.**



# QUICK SET UP

## SET BUTTONS



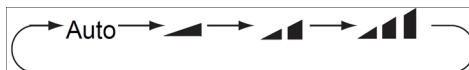
Under cooling and heating mode, press "+" or "-" button to increase or decrease set temperature by 1 °C.

Set temperature range is between 16°C - 30°C. Under auto, drying or fan mode, this button is invalid.

## FAN BUTTON



Press this button to select:

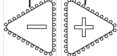


- ◆ Low
- ◆ Medium
- ◆ High
- ◆ Auto

These fan speeds can be selected in cooling and fan modes only.

## TIMER BUTTON



- ◆ Press this button to set timer. To adjust timer, press set buttons. 
- ◆ Timer can be set for up to 24 hours.
- ◆ Wait 5 seconds after setting the time, for the display to show the set temperature.
- ◆ During the timer setting, make sure there is no more than 5 seconds delay between sets, otherwise the remote control will cancel setting status.
- ◆ To cancel set timer, press timer button twice.

**Note:** Select the mode before you select the timer.

### The timer can be set for:

1. While the appliance is ON, the timer can be set to switch off after your set time.
2. While the appliance is OFF, the timer can be set to switch on after your set time.

## SLEEP BUTTON



Press this button to select sleep mode. (Works in Cooling and Heating mode)

- ◆ The preset temperature will increase by 1°C after the first hour.
- ◆ The preset temperature will increase by 2°C after two hours. The appliance will operate in this temperature until it is switched off.
- ◆ Use this mode for bedtime, the appliance will reduce the cooling as you fall asleep since our body temperature tends to come down during that period.

### Get In Touch



Call: [0845 6880112](tel:08456880112)



Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

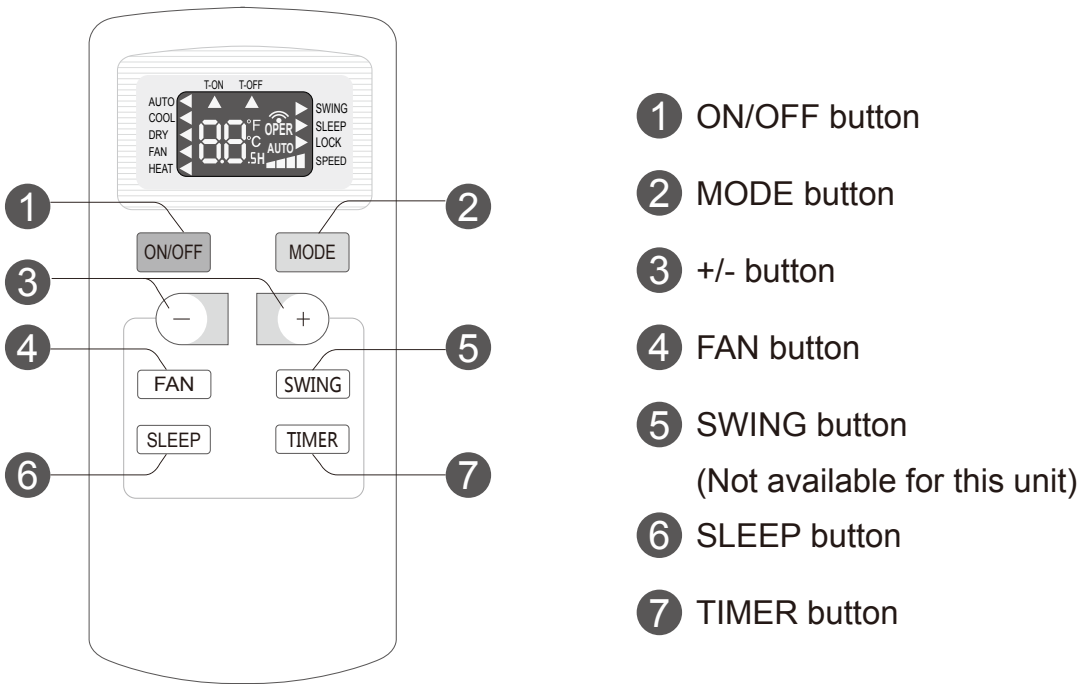
### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,  
Settle, North Yorkshire, BD24 9RH



REMOTE CONTROL

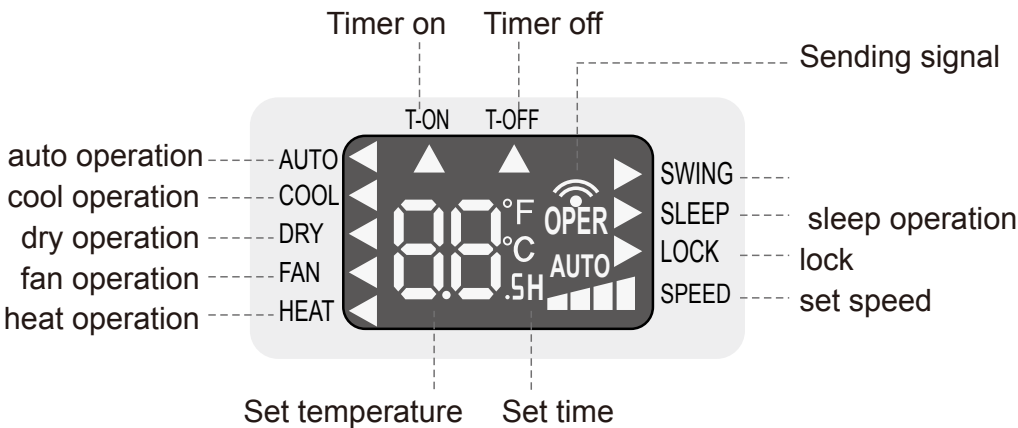
**Note:**  
This remote controller is a universal remote controller. Some functions are not available for this unit.  
Please note, batteries are not included, due to safety , during transportation.



USEFUL INFORMATION

- ◆ During the operation, point the remote control towards the appliance not more than 6 meters away.
- ◆ Make sure there are no obstacles between the remote control and the appliance.
- ◆ Remote control signal may be interfered within the room where there is wireless telephone, fluorescent lamp.
- ◆ When appliance is not in use for a long period of time, please remove batteries.
- ◆ If there is no display on the remote control, please replace batteries.

REMOTE CONTROL DISPLAY SCREEN



Get In Touch

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# Introduction for buttons on remote controller

## Note:

- When power is connected stand, you can operate the air conditioner through the remote controller.
- When unit is on, each time you press the button on remote controller, the sending signal icon "📶" on the display of remote controller will blink once. If the air conditioner gives out a beep sound, it means the signal has been sent.
- When unit is off, set temperature will be displayed on the remote controller (If the light of indoor unit display is turned on, the corresponding icon will be displayed); When unit is on, it will display the icon of the on-going function.

### 1 ON/OFF button

Press this button to turn unit on/off.

### 2 MODE button

Pressing this button once can select your required mode circularly as below (the corresponding icon "◀" will be lit up after the mode is selected):



- When selecting auto mode, air conditioner will operate automatically according to ambient temperature. Set temperature can't be adjusted and won't be displayed either. Press FAN button to adjust fan speed.
- When selecting cool mode, air conditioner will operate under cool mode. Then press + or - button to adjust set temperature. Press FAN button to adjust fan speed.
- When selecting dry mode, air conditioner will operate at low fan speed under dry mode. In dry mode, fan speed can't be adjusted.
- When selecting fan mode, air conditioner will operate in fan mode only. Then press FAN button to adjust fan speed.

### 3 + / - button

- Pressing + or - button once will increase or decrease set temperature by 1°F(°C). Hold + or - button for 2s, set temperature on remote controller will change quickly. Release the button after your required set temperature is reached.
- When setting Timer On or Timer Off, press + or - button to adjust the time.(See TIMER Button for setting details)

#### Get In Touch



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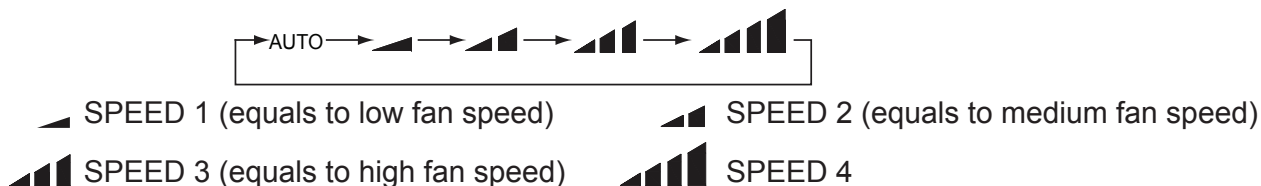
#### Our Address

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Settle, North Yorkshire, BD24 9RH

# Introduction for buttons on remote controller

## 4 FAN button

Pressing this button can select fan speed circularly as: AUTO, SPEED 1 (▲), SPEED 2 (▲▲), SPEED 3 (▲▲▲), SPEED 4 (▲▲▲▲) (unavailable in this air conditioner. Speed 4 is the same with speed 3.).



### Note:

- Under Auto speed, air conditioner will select fan speed automatically according to ambient temperature.
- Fan speed can't be adjusted under Dry mode.

## 5 SWING button

Swing function not available for this unit.

## 6 Sleep button

Under Cool mode, press this button to turn on Sleep function. Press this button to cancel Sleep function. Under Fan mode, this function is unavailable.

## 7 TIMER button

- When unit is on, press this button to set Timer Off. T-OFF and H icon will be blinking. Within 5s, 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 2s, 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 5s, 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 2s, 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.

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# Introduction for Buttons on Remote Controller

### Note:

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

## Function introduction for combination buttons

### Child lock function

Press “+” and “-” buttons simultaneously to turn on or turn off the child lock function. When child lock function is started up, LOCK indicator on remote controller is ON. If you operate the remote controller, remote controller won't send signal until you unlock again.

### Temperature display switchover function

Under OFF status, press “-” button and “MODE” button simultaneously to switch between °C and °F.

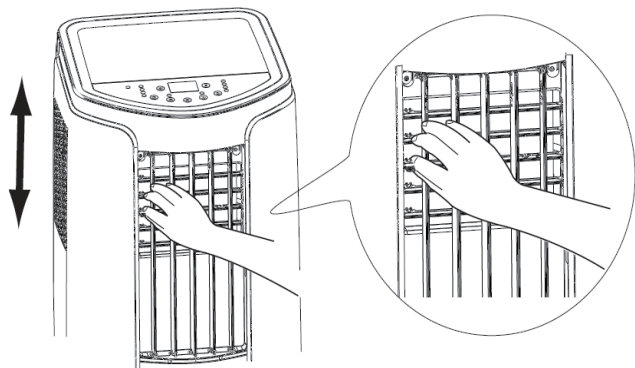
### Light function

Under switch-on or switch-off state, you may hold “+” and “FAN” buttons simultaneously for 3 seconds to set the lamp on or off and send the code. After being activated the lamp is defaulted on.

### AIR FLOW DIRECTIONS

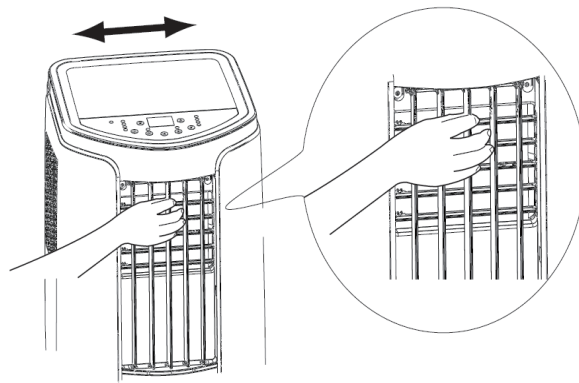
#### HORIZONTAL DIRECTION

Hold the horizontal louvres and move up or down for your comfort.



#### VERTICAL DIRECTION

Hold the vertical louvres and move left or right.



**NOTE:** Do not close the air flow completely.

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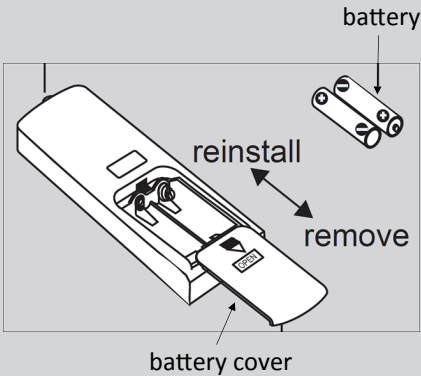


# CLEANING AND MAINTENANCE

## REPLACING BATTERIES

- 1. Gently slide the battery cover to remove.
- 2. Install two (AAA 1.5V) dry batteries and make sure the positions of plus and minus polar are correct.
- 3. Re-attach the cover of battery box.

Note. Batteries are not included due to safety during transportation



### NOTE:

- ◆ Before cleaning the appliance, turn off the appliance and disconnect power. Otherwise, it may cause electric shock.
- ◆ Do not wash appliance with water. Otherwise, it may cause electric shock.
- ◆ Do not use volatile liquid (such as thinner or gas) to clean the appliance. Otherwise, it may damage the appearance of appliance.

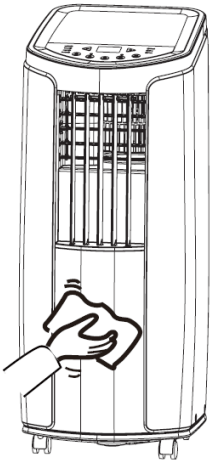
### Clean outer case:

If there's dust on the surface of outer case, use soft towel to wipe it.

If the outer case is very dirty , use a damp cloth to clean it.

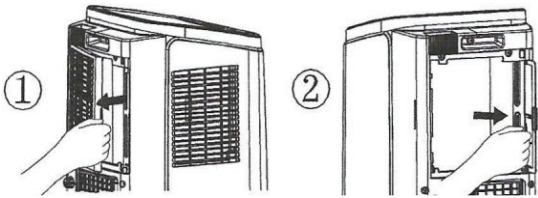
### Clean grille:

Use soft brush or cloth to clean it.



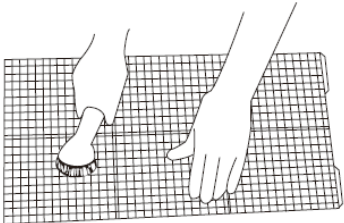
## CLEAN FILTER

### 1. REMOVE THE FILTER



### 2. CLEAN FILTER

Use vacuum cleaner, brush or water to clean the filter.



### 3. INSTALL FILTER

Before re-installing the filter, make sure the filter is dry.

### 3. USEFUL INFORMATION

The filter should be cleaned about once every two weeks. For dusty environment, you should increase the cleaning frequency .

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STORAGE OF THE APPLIANCE

Please follow the following steps for optimum performance:

- 1. Disconnect power supply and coil up the power cord.
- 2. Clean filter and outer case.
- 4. Drain the water from the appliance.
- 5. Make sure discharge pipe is disassembled.
- 6. Clean the appliance and pack it well to prevent dust.

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# FREQUENTLY ASKED QUESTIONS

We have developed the below from questions we have been asked by customers upon setting up/using their BLU portable air conditioner. Whilst this list may not cover all questions we hope you find the information useful. If you do have any further questions please do not hesitate to call or email us and we will do our best to help!

1. **Do I have to attach the black pipe, at the bottom of the unit, when my unit is on cooling mode?**

No, this pipe should only be used when you want to use the unit on continuous drainage e.g. on heating, dehumidification or to drain any excess water collected in the unit.

2. **Do I have to attach the white discharge hose on dehumidification mode?**

Yes. You have to vent the discharge hose when using on cooling, heating or dry mode.

3. **Can I extend the hose length?**

The manufacturers do not recommend over extending the hose, however some customers have to extend the hose, due to their room set up. We do stock extra hoses so please do contact us to discuss options. If extending the hose length please ensure that the 2 hoses are sealed together with no gaps and no obstructions as this will affect the units performance. Please use original accessories as only have been specifically designed for optional performance. Please use original accessories as they have been specifically designed for optional performance

4. **Does the unit have to be kept on a platform so the hose can be vented straight out of the window?**

No, you do not have to keep the unit on a platform. In fact the majority of customers keep the unit on the floor. However, some customers do raise one unit on a platform, as this is the only way they can use the unit for their application/space/setup. When using the unit on heating mode you may prefer to put the unit on a raised platform as this will make it easier to set up continuous drainage from the bottom drainage port. If you do place the unit on a platform please ensure the unit is stable and secure.

5. **My unit is not cooling why could this be?**

Sometimes, there could be a very simple reason for this. Some of the possible reasons could be:

(i) When you first set the unit up it could take up to 10 to 15 minutes for the cold (refrigerated) air to start blowing out. This is because the refrigerant may take time to circulate around the system. Please do not keep switching the unit on and off as this can damage the unit. You should leave the unit running for at least 10 to 15 minutes before switching it off.

(ii) Ensure you have set the unit up correctly as per the set up instructions and try to seal the window/door area so that you minimise the amount of heat coming back into the room from outside.

(iii) Ensure there are no obstructions/gaps in the hose. If the hot air cannot escape from the hose, the unit will not work effectively.

(iv) Sometimes, when the Fan Speed is set to Auto the unit will not cool as much as it would on a Medium to High fan speed. This is because auto mode is pre-set one manufactures and may not be the correct speed for your requirements. Therefore, if you want a more powerful cooling and on very hot days please set the Fan Speed to Medium or High.

6. **Why is the sound level on the Product Energy Fiche higher than the stated sound level?**

The Sound Pressure Level is 49 to 53dBA, however the Sound Power Level, which is stated on the Product Energy Fiche label is 62 to 64dBA. The sound pressure level is the pressure disturbance in the atmosphere measured using predefined conditions such as the location of the equipment and environmental conditions. The sound pressure is ultimately what our ears hear.

## Get In Touch



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# TROUBLESHOOTING

CHECK THE FOLLOWING POINTS BEFORE CONTACTING TECHNICAL SUPPORT.

## MALFUNCTION CODES

E5	Overcurrent protection.	Disconnect power, and then turn on the appliance again after 10 minutes.
H8	Internal water tank is full.	Drain the water from bottom drainage port.
F1/F2	Malfunction of ambient temperature sensor.  Malfunction of evaporator temperature sensor.	The wiring terminal between the indoor ambient temperature sensor and main board could be loose or may have poor contact. Short-circuit due to trip-over on main PCB board. Indoor ambient temperature sensor is damaged. Main PCB board is damaged.
H3	Overload protection for compressor.	Check the appliance within operating temperature and not in a high humidity environment. If the ambient temperature is more than 35°C, switch off the appliance for a while and then switch it back on, ideally when the ambient temperature is less than 35°C.
E8	Overload malfunction.	Ensure the filters are clean.
F0	Temperature or humidity is very low.	Increase the room temperature  Switch off the appliance until the humidity rises again

### Get In Touch

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# TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
The Appliance does not SWITCH ON	The power supply is not connected properly.	Check the power supply connection or try in a different power socket.
	The power plug is not inserted correctly.	Insert the power plug correctly.
	The power socket is faulty or fuse blown in the plug.	Change the fuse.
Poor Cooling & Heating	Filter might be dirty.	Clean the air filter.
	Set temperature might be incorrect	Check the set temperature. (should be below the ambient temperature)
	Windows and doors are opened.	Close the doors and windows.
	Discharge pipe longer than recommended.	Change it to the recommended size (max 1.5 meters) Keep the discharge pipe short and as straight as possible
Appliance cannot receive signal from controller Or Remote Control is not sensible	Remote control is outside of range.	Use the remote control within 6 meter range.
	Remote control signal blocked by obstacles.	Move away the obstacles.
	Appliance does not respond to the remote control.	Replace the batteries.

Get In Touch

Our Address



# TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
Fan is not working	Air outlet or Air inlet is blocked.	Remove the blockage from air outlet and air inlet.
	Appliance is defrosting.	It is normal. Wait until the appliance finish defrosting.
	Set Temperature reached.	Set the temperature below the ambient temp. for cooling & above the ambient temp. for heating.
Set Temperature cannot be adjusted	The appliance is on wrong mode.	Change it to heating or cooling mode. (Fan and Dry mode cannot adjust temperature)
	Set temperature has been reached.	This is normal.
	Outside the set temperature range.	Temperature range is between 16°C - 30°C.
Bad Smell from Appliance	There is lot of smoke in the room, recent painting or building works.	♦ Do not to use the appliance in this environment. ♦ Clean the filters.
	Water left in the appliance for a long time.	Drain the water from the appliance regularly.
Appliance is noisy	Not on even surface.	Keep the appliance on an even surface.
	Discharge pipe longer then recommended size.	Keep within the range.
	Discharge pipe not installed correctly.	Check the discharge pipe and install correctly.
Water Flowing sound from the appliance	Refrigerant flowing inside the appliance.	This is normal.

In the unlikely event of a problem with your product, please refer to:  
GEORGE'S INDUSTRIAL SERVICES LTD.  
020 8207 2455/sales@airconditioningdirect.com







SPECIFICATION

MODEL	BLU12HP
Cooling capacity (BTU)	11942
Cooling capacity (W)	3500
Cooling power current (A)	5.9
Cooling Power Input (W)	1345
Heating capacity (BTU)	11942
Heating capacity (W)	3000
Heating power current (A)	5.9
Heating Power Input (W)	1175
Air volume (H/M/L)	360/330/300 m³/h
Humidity removal capacity	1.8L/hour
Power supply	220-240V~50Hz
Sound pressure Level (L/M/H)	49/51/53 dB(A)
Refrigerant	R290
Fan speed	3
Timer	1~24 hours
Set range temperature	16°C ~ 30°C
Discharge pipe	CØ 150 mm
Net weight	35 KG
Gross weight	39.5 KG
Net Dimension (W x H x D)	390mm x 820mm x 405mm
Gross Dimension (W x H x D)	455mm x 862mm x 581mm



Get In Touch



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# The Refrigerant R290 Gas



	Read the precautions in this manual carefully before operating the unit.		This appliance is filled with R290.
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- The warnings and cautions described below both contain important information regarding safety. Be sure to observe all warnings without fail.  
**WARNING ....Failure to follow these instructions properly may result in personal injury or loss of life.**
- As of the production date of this air conditioner this manual is the most the up to date version. This manual maybe subject to change post produc-  
tion without notice. Please visit [www.ecoair.org](http://www.ecoair.org) for the most up to date version of this manual.

WARNING
<ul style="list-style-type: none"><li>Install the air conditioner on a foundation strong enough to withstand the weight of the unit. A foundation of insufficient strength may result in the equipment falling and causing injury.</li></ul>
<ul style="list-style-type: none"><li>The used refrigerant is the fluoride R290. This is a non polluting refrigerant that does not harm the ozonosphere. It has a low GWP (Global Warm-ing Potential) compared with R32 and R410A.</li></ul>
<ul style="list-style-type: none"><li>R290 is a flammable, odorless gas. Can lead to explosion if used incorrectly.</li></ul>
<ul style="list-style-type: none"><li>R290 has very good thermodynamic features results in increased energy efficiency. The units therefore require less gas to operate.</li></ul>
<ul style="list-style-type: none"><li>The appliance should be stored in a well ventilated area in a room without continuously operating ignition sources for example, open flames, operating gas appliances or operating electric heaters.</li></ul>
<ul style="list-style-type: none"><li>Ducts connected to the appliance should not contain an ignition source.</li></ul>
<ul style="list-style-type: none"><li>Do not pierce or burn.</li></ul>
<ul style="list-style-type: none"><li>All the work men who are engaging in the refrigeration system should bear the valid certification awarded by the authoritative organisation and the qualification for dealing with the refrigeration system recognised by this industry. If it needs any other technician to maintain and repair the air conditioner, they should be supervised by the person who bears the qualification for using the flammable refrigerant.</li></ul>
<ul style="list-style-type: none"><li>While not in use the air conditioner must be stored in a room without continuously operating ignition sources (e.g. open flames, an operating gas appliance or and an electric heater). Under no circumstances should this air conditioner be stored in a server room or any other similar environ-ment.</li></ul>
<ul style="list-style-type: none"><li>Do no use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.</li></ul>
<ul style="list-style-type: none"><li>Never touch the refrigerant piping or compressor without wearing gloves to avoid scald or frostbite.</li></ul>

Installation Notes
<ul style="list-style-type: none"><li>The air conditioner is not allowed to be used in a room that has a running fire (Such as fire source, working coal gas ware, operating heater, etc)</li></ul>

### Get In Touch

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WARRANTY AND CUSTOMER SERVICE

There is a one-year manufacturer’s warranty on your portable air conditioner from the date of purchase. Please keep your order ID/invoice as your proof of purchase.

Within the one-year manufacturer’s warranty, all manufacturing defects will be repaired free of charge.

The following applies:

- 1. Any repairs or replacement of components during the warranty period will not result in an extension of the warranty period.
- 2. The warranty will expire if any alterations have been made, other components/parts have been fitted or if the portable air conditioner has been repaired by a third party.
- 3. Components subject to normal wear and tear are not covered by the warranty.
- 4. The warranty is only valid on presentation of the original invoice or order ID.
- 5. The warranty does not cover damage caused by actions that deviate from those as described in the user’s manual or by neglect.
- 6. The warranty does not cover faults caused by dirt or by third-party products.
- 7. The warranty does not cover accidental damage.
- 8. All claims for compensation, including consequential damage, will not be entertained.
- 9. Using a third-party switching device that turns the portable air conditioner on or off via the mains will invalidate the warranty.

To prevent unnecessary expenses, we recommend that you always carefully read the user’s manual first. If this does not provide a solution, please call George's Industrial Services Ltd. and we will be happy to help.

*This portable air conditioner has been imported into the UK by:*

*George's Industrial Services Ltd.  
Unit 26 The IO Centre  
Hearle Way  
Hatfield  
Hertfordshire  
AL10 9EW*

*Telephone: 020 8207 2455  
Email: [sales@airconditioningdirect.com](mailto:sales@airconditioningdirect.com)  
Website: [www.airconditioningdirect.com](http://www.airconditioningdirect.com)*

Please record, for future reference, your date of purchase and where you bought the portable air conditioner from here.

*Date of purchase:* .....

*Purchased from:* .....

*Order ID/Invoice #:* .....

*Serial number:* .....

If your portable air conditioner develops a fault at any time, please contact us and we will always try and help you as best we can.

Please keep hold of the original box and packaging your unit arrived in just in case you need to send it back to us or we need to collect from you for a repair/service in the future.



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