PortaSplit

Split Air Conditioner

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User Manual

Model Number:
Portasplit

Note: Please read this manual before using this product and retain it for future reference. Due to ongoing product improvement, the design and specifications may vary from the actual unit. All diagrams are therefore for reference only and the actual unit is to be considered as standard.

Thank you for choosing Midea!

Contents

Safety Precautions

To ensure your safety and avoid damage to the device please read the safety precautions. The symbols and corresponding severity are explained below:

Explanation of Symbols

	**Electrical Voltage** Risk of exposure to high voltage electrical current that may result in injury or death.
	**Warning** Hazard with a medium level of risk, which if not avoided, may result in serious injury or death.
	**Caution** Hazard with low level of risk, which if not avoided, may result in minor to moderate injury.
	**Attention** Risk of damage to property but no personal danger.
	**Observe Instructions** Operating instructions should be followed to avoid damage to the device.

⚠ Warning

- Do not lift the appliance by the hose. Always use the handles.
- Do not pull the unit by the power cord or tubing.
- Plastic bags and other packaging are not toys and may be dangerous to children.
- Do not allow children to play with the device or its remote control. Children must be supervised around the unit at all times.
- Do not sit on the unit. Doing so is likely to result in injury from falling or damage to the unit.
- Do not place objects on the unit as this may cause malfunctioning or product damage.
- Do not place or use flammable items, such as spray cans, within 1 meter of the air outlets as this may cause a fire or even an explosion.
- Do not place objects near the outdoor unit as they may inhibit air flow and cause damage. Keep the unit free from leaves and other debris.
- Do not place your fingers or objects in the air inlets or outlets. Contact with the high speed fan blades may lead to personal injury or product damage.
- If an abnormal situation arises such as a burning smell, immediately turn of the unit and disconnect the power. Contact the dealer for further instruction as further operation may lead to electric shock, fire or injury.
- Do not expose plants or animals directly to the airflow from the unit as this may cause adverse effects.
- Avoid impacts to the indoor and outdoor units, or otherwise product damage may result.
- Do not climb onto or place objects on top of the outdoor unit.
- This appliance has wheels. Be careful of obstacles or thick carpets, as the device may tip.

⚠ Caution

- 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.
- Cleaning and user maintenance shall not be made by children without supervision. It is not a toy.
- Do not place objects that are susceptible to moisture directly beneath the indoor and outdoor units or refrigerant pipes. Under certain conditions, condensation may occur resulting in damage to the object concerned.
- To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner or a heater is used together with the air conditioner.
- Do not operate the air conditioner in a wet room such as a bathroom or laundry. Too much exposure to moisture can cause electrical components to short circuit.
- Do not expose your body directly to cool air for a prolonged period of time.
- In certain functional environments, such as kitchens, server rooms, etc., the use of specially designed air-conditioning units is highly recommended.
- Decommissioning may only be carried out by qualified personnel.
- Turn off the air conditioner and disconnect the power if you are not going to use it for a long time.
- Turn off and unplug the unit during storms.
- Do not use device for any other purpose than its intended use.
- Avoid operating the appliance for long periods of time with doors or windows open, or if the humidity is very high.
- Do not use any agents other than those recommended by the manufacturer to speed up the defrosting process or for cleaning.
- Do not place or use the indoor unit of the device outdoors.
- Do not operate during snowfall. After snowfalls, ensure outdoor unit air inlet is not blocked by snow.

Warranty and Liability

Warranty and liability claims for personal injury and damage to property are excluded if they are attributable to one or more of the following causes:

- Inappropriate use.
- Non-observance of the instructions.
- Operation with non-functioning safety or protective equipment.
- Continued use despite the occurrence of a defect.
- Improper assembly, commissioning, operation and maintenance.
- Improperly carried out repairs.
- Unauthorised modifications to the appliance.
- Force majeure.
- Installation of additional components that have not been tested together with the appliance.

Wireless Module

We declare that wireless module is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

⚠ Fuse Specifications

The specification for the fuses used for overcurrent protection are printed on the circuit board (PCB) for example: T20A/250VAC.

⚠ Electrical Warning

- Do not operate the appliance with wet hands. This may cause electric shock.
- Do not modify the power cord or plug in any way. If the power cord is damaged, it must be replaced by the manufacturer, a service agent or similarly qualified persons.
- Do not attempt to make any modifications to the wiring or open the control board as it may lead to overheating, fire, electrical shock, injury or death.
- Do not pull on the power cord to unplug unit as this may damage the cord and lead to fire or electric shock. Hold the plug firmly and pull it from the outlet.
- Do not modify the length of the power cord or use an extension cord to power the unit as it may lead to overheating or electric shock.
- If the power cord is damaged, it must be replaced by customer service or a qualified service centre or a qualified electrician in order to avoid hazards.
- Plug the device directly into the wall socket. Do not use power extensions, splitters or multi plug adapters as this may overload the circuitry and cause fire or damage.
- Keep power plug clean. Remove any dust or grime that accumulates on or around the plug. Dirty plugs can cause fire or electric shock.
- Ensure that the connection side is earthed.
  If there is a fault that may affect safety, the system must not be operated until the fault has been rectified.
- Maintenance and repair work on electrical components may only be carried out by an expert.
- Components may only be replaced with parts specified by the manufacturer. Improper component replacement can lead to the ignition of refrigerant in the atmosphere due to leakage.
- In the event of damage or malfunctions, please contact your specialist dealer or our customer service.
- Repair and maintenance work on electrical components must include initial safety checks and inspection procedures for the components. If there is a fault that could affect safety, the circuit must not be re-energised until the fault has been satisfactorily rectified.

⚠ Caution: Notes to Installation

- Only use the included accessories and specified part for installation. Using non-standard parts can cause water leakage, electrical shock or fire and can cause the unit to fail.
- Install the unit in a stable location that can support its weight. If not done properly,the unit may drop and cause serious injury and damage.
- Install drainage piping according to the instructions in this manual. Improper drainage may cause water damage to your home and property.
- Do not install the unit in a location that may be exposed to combustible gas leaks. If combustible gas accumulates around the unit, it may cause fire.
- Do not turn on the power, until the outside unit has been properly secured. Only move the outdoor unit by holding on to the housing and never carry it by the refrigerant hose.
- Check the appliance at regular intervals for signs of damage.
- Avoid placing stress or torsion on the refrigerant hose. Inspect the hoses periodically and inform customer service if any damage is observed.
- Only operate the device in accordance with the instructions supplied. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- When installing, hold the outdoor unit by the handles provided and not by the hose.
- If the appliance is to be permanently installed or the refrigerant lines need to be extended, a qualified installer must be commissioned.

⚠ Window Bracket

- The window bracket is designed for windows that open inwards with a window ridge width of up to 4.5 cm and height of at least 2 cm. Before installing, first check if the window bracket fits to the window frame.
- To attach the bracket to the window, proceed as described here in the instructions.
- Be particularly careful when installing the system to ensure that all safety measures are observed.
- Ensure that the steel cable is correctly attached to the indoor unit and the window bracket to prevent it from falling.
- When attaching the bracket, be careful not to scratch the masonry or windows.
- Once installed, make sure the two screws are tightened properly and the bracket is secure.
- The bracket must be level (give or take 2°).
- The Outdoor Unit is designed for easy removal and installation. When placing it onthe bracket, make sure that the pins snap into place correctly.
- In most cases the bracket does not need to be removed in order to close the window. Ensure that the bracket does not obstruct the window when closing it.
- Remove the bracket and outdoor unit during thunderstorms or strong winds.
- Check the bracket and fasteners at regular intervals to ensure that they are securely in place and undamaged.
- The bracket is only designed for the outdoor unit; any other use is not permitted and can lead to accidents.
- Uninstall the bracket and do not use further if damaged.
- Keep children playing, away from the window bracket.

General Information and Safety Notices

⚠ Refrigerant (R32)

The refrigerant circuit between the indoor and outdoor unit is sealed during manufacture. The refrigerant may be odorless. If the unit fails to heat or cool correctly, it may be a sign of leakage.
Do not attempt to repair the unit yourself. Discontinue use immediately and follow the steps below:

- Disconnect the appliance from the power supply.
- Open windows and doors for ventilation. Extinguish open flames / avoid sparks.
- Leave the room and warn other occupants in the house or apartment.
- Contact the customer service for further support.

⚠ Note:

- Escaping refrigerant collects on the floor. Inhalation can lead to suffocation.
- Contact with skin can lead to frostbite .
- Only qualified experts may work on the refrigerant circuit in accordance with §5ChemKlimaSchutzV. No work on the refrigerant circuit shall be carried out by yourself.

Information on Servicing

Do not attempt to dismantle the system yourself: dismantling of the product, treatment of the refrigerant, oil and other parts must be carried out by a qualified installer in accordance with the relevant local and national legislation. This appliance is not intended to be repaired on site. If you have any technical questions or faults and cannot find any information in these operating instructions, please contact one of our customer service centres or contact the seller directly. If you have any questions, please contact the customer service.

Explanation of Symbols Displayed on the Indoor and Outdoor Units

	**Warning**	The refrigerant used is flammable. Discontinue use immediately in the event of a leak.
	**Attention**	Read the manual carefully.
	**Caution**	Should only be handled by service personnel with reference to the installation manual.
	**Caution**	
	**Information**	Consult the manual.

Note:

Minimum Room Area – Flammable Refrigerant

- The device has been designed to ensure your safety. If used correctly, there is no cause for concern.
- However, as a precaution, the device should only be operated or stored in a well-ventilated area.
- The appliance must be placed, operated and stored in a room with an area of not less than $4m^2$.

⚠ Warning

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- 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).
- Do not pierce or burn.
- Keep any required ventilation openings clear of obstruction.
- Servicing shall be performed only as recommended by the manufacturer.
- Avoid excessive vibration or pulsation to refrigerating piping.
- Protection devices , piping and fittings shall be protected as far as possible against adverse environmental effects,for example,the danger of water collecting and
  freezing in relief pipes or the accumulation of dirt and debris.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- The indoor equipment and pipes shall be guarded such that accidental rupture of equipment cannot occur from such events as moving furniture or reconstruction activities.
- The maximum refrigerant charge amount is 0.62kg.

Caution: Risk of fire

General Information and Safety Notices: Refrigerant Information

1. Checks to the area
Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. Compliance with national gas regulations shall be observed. For repair to the refrigerating system, clause 2. to 6. shall be completed prior to conducting work on the system.

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

3. General work area
All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided.

4. Checking for presence of refrigerant
The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially toxic or flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with all applicable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

5. Presence of fire extinguisher
If any hot work is to be conducted on the refrigerating equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO_2 fire extinguisher adjacent to the charging area.

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

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

8. Checks to the refrigerating equipment
Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt, consult the manufacturer's technical department for assistance.

The following checks shall be applied to installations using **flammable refrigerants**:
- the actual **refrigerant charge** is in accordance with the room size within which the refrigerant containing parts are installed
- the ventilation machinery and outlets are operating adequately and are not obstructed

- if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant
- marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected
- refrigerating pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

9. Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised.

Initial safety checks shall include:

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

10. Repairs to sealed components

During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.

Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that the apparatus is mounted securely. Ensure that seals or sealing materials have not degraded to the point that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

11. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltąge and current permitted for the equipment in use.
Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating.
Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.
NOTE The use of silicon sealant can inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

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

13. Detection of flammable refrigerants
Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used .
The following leak detection methods are deemed acceptable for all refrigerant systems.

Electronic leak detectors may be used to detect refrigerant leaks but, in the case of flammable refrigerants, the sensitivity may not be adequate, or may need re-calibration (detection equipment shall be calibrated in a refrigerant-free area). Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25 % maximum) is confirmed.

Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work.

NOTE Examples of leak detection fluids are
- bubble method
- fluorescent method agents.

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Removal of refrigerant shall be according to Clause 14.

14. Removal and evacuation
When breaking into the refrigerant circuit to make repairs - or for any other purpose - conventional procedures shall be used. However, for flammable refrigerants it is important that best practice is followed since flammability is a consideration . The following procedure shall be adhered to:
- remove refrigerant
- purge the circuit with inert gas
- evacuate
- purge with inert gas
- open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be "flushed" with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is with in the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work

to take place. This operation is absolutely vita l if brazing operations on the pipework are to take place.

Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

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

- Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.
- Cylinders shall be kept in an appropriate position according to the instructions.
- Ensure that the refrigerating system is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the refrigerating system.

Prior to recharging the system, it shall be pressure-tested with the appropriate purging gas. The system shall be leak-tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

16. Decommissioning
Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of recovered refrigerant. It is essential that electrical power is available before the task is commenced.

a. Become familiar with the equipment and its operation.
b. Isolate system electrically.
c. Before attempting the procedure, ensure that:
    - mechanical handling equipment is available, if required, for handling refrigerant cylinders
    - all personal protective equipment is available and being used correctly
    - the recovery process is supervised at all times by a competent person
    - recovery equipment and cylinders conform to the appropriate standards.
d. Pump down refrigerant system, if possible.
e. If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
f. Make sure that cylinder is situated on the scales before recovery takes place.
g. Start the recovery machine and operate in accordance with instructions.
h. Do not overfill cylinders (no more than 80 % volume liquid charge).
i. Do not exceed the maximum working pressure of the cylinder, even temporarily.
j. When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
k. Recovered refrigerant shall not be charged into another **refrigerating system** unless it has been cleaned and checked.

17. Labelling
Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing **flammable refrigerants**, ensure that there are labels on the equipment stating the equipment contains **flammable refrigerant**.

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

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

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

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

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

19. Transportation, marking and storage for units

i. Transport of equipment containing flammable refrigerants
   - Compliance with the transport regulations

ii. Marking of equipment using signs
   - Compliance with local regulations

iii. Disposal of equipment using flammable refrigerants
   - Compliance with national regulations

iv. Storage of equipment/appliances
   - The storage of the appliance should be in accordance with the applicable regulations or instructions, whichever is more stringent.

v. Storage of packed (unsold) equipment
   - Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

Specifications

Product Model	PortaSplit
Power supply	220 - 240V~, 50Hz, 1Ph
Rated cooling capacity	3.5kW
Rated heating capacity	3.5kW
Max. current	10A
Outdoor unit protection class	IPX4
Energy efficiency / SEER	A++ / 6.1
Energy efficiency / SCOP	A+ / 4.0
Refrigerant charge	R32, 0.62 kg
CO_2 equivalent	0.42t
Max. Operating Pressure	4.4MPa
Max. room area	$42m^2$ / $105m^3$
Size indoor unit (HxWxD)	646mm x 518mm x 340mm
Size outdoor unit (HxWxD)	438mm x 500mm x 260mm
Net weight	45.5kg
Indoor sound pressure level	49/47/44/39dB(A)
Indoor sound power level	59dB
Outdoor sound power level	62dB

Getting Started

Note: Operating Temperature

Do not use the device outside of the temperature ranges specified below as damage may occur.
For outdoor temperatures below 0°C inspect the base plate (bottom plate ofthe outdoor unit) for accumulation of ice. If there is ice, turn the device off immediately as continued use will damage the unit.

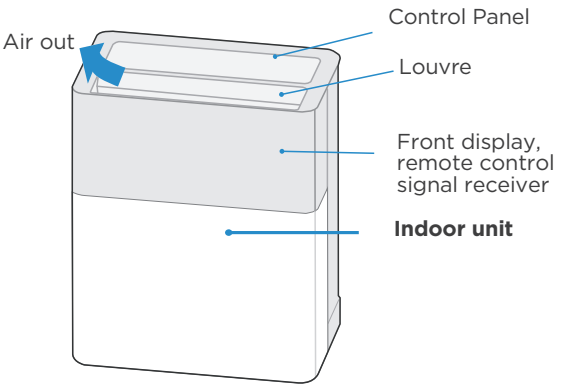
Temperature Range for Normal Operation

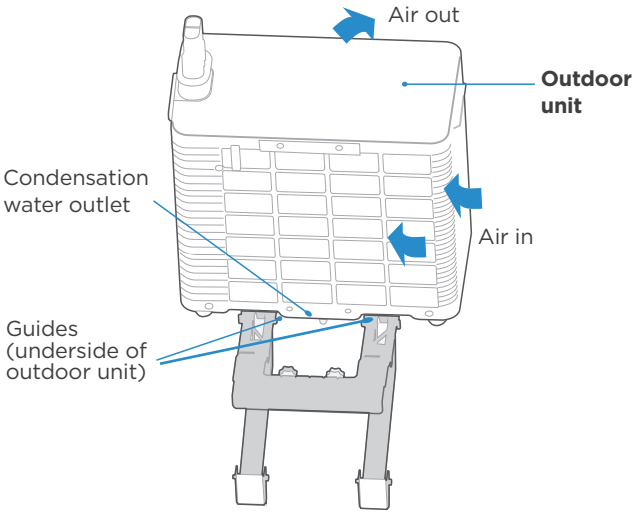
Mode	Indoor Temperature Range	Outdoor Temperature Range
Heat	5 to 30°C (41 to 86°F)	-10 to 24°C (14 to 77°F)
Cool	17 to 35°C (62 to 95°F)	0 to 45°C (32 to 113°F)
Dry	13 to 35°C (55 to 95°F)	15 to 45°C (59 to 113°F)

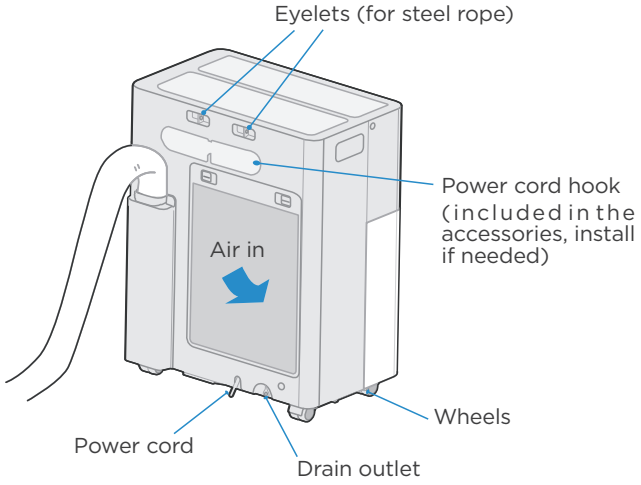
Product Overview

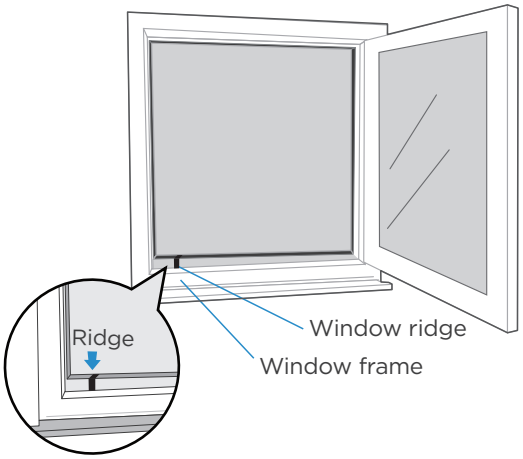
Note: illustrations

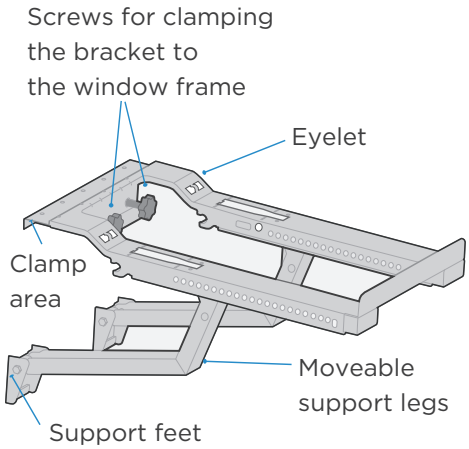
Illustrations in this manual are for explanatory purposes. The actual shape of your indoor unit may be slightly different.

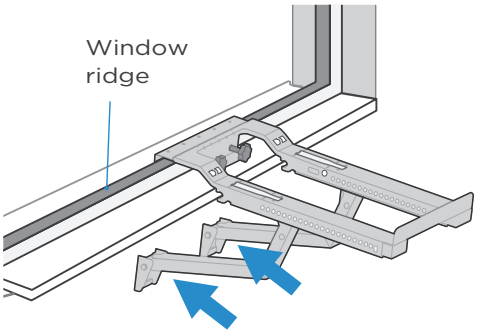








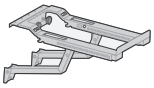
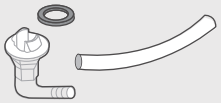
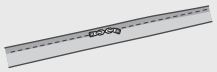
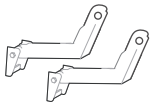
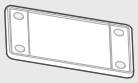
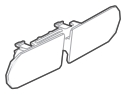
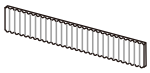
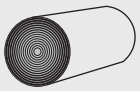
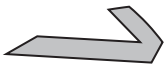




Note: The window bracket is designed for windows that open inwards with a window ridge width of up to 4.5 cm and a height of at least 2 cm.

Accessories

The air conditioner comes with the following accessories. Improper installation may result in water leakage, electrical shock, fire or damage to the device.

Accessories	Qty	Image	Accessories	Qty	Image
Manual	1-2		Remote control	1	
Window locks	1		Batteries (country specific, may not be included)	2	
Hook and loop	1		Mounting bracket	1	
Drainage pipe, connector and seal	1		Window sealing cloth	1	
Rubber wheel stopper	2		Shorter support legs	2	
Protection plate	1		Steel rope	1	
Power cord hook	1		HEPA filter (optional)	1	
Eyelet for outdoor unit	1		Insulation sponge	1	
Window sealing sponge	1				

The following equipment is recommended:

Gloves

A tape measure

Scissors or Knife

How to Use Your PortaSplit

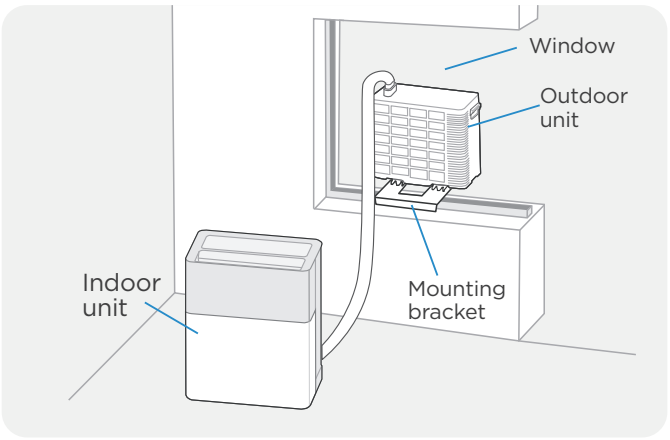
All Modes

The indoor unit is designed for indoor use only. External use of the Internal Unit is prohibited.

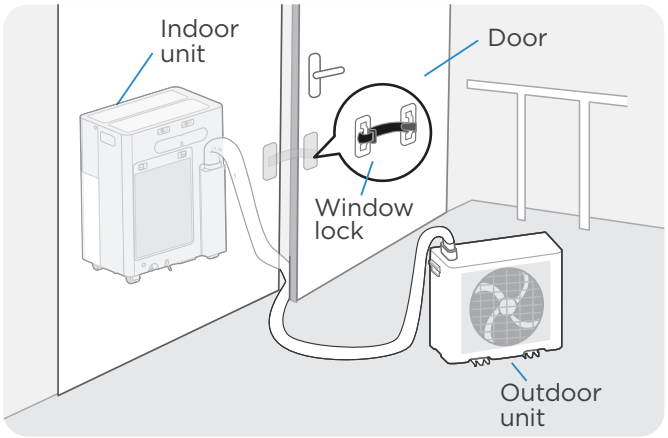
Heat / Cool

The outdoor unit MUST be placed outside. This configuration will also work for Dry and Fan mode.

Window Installation



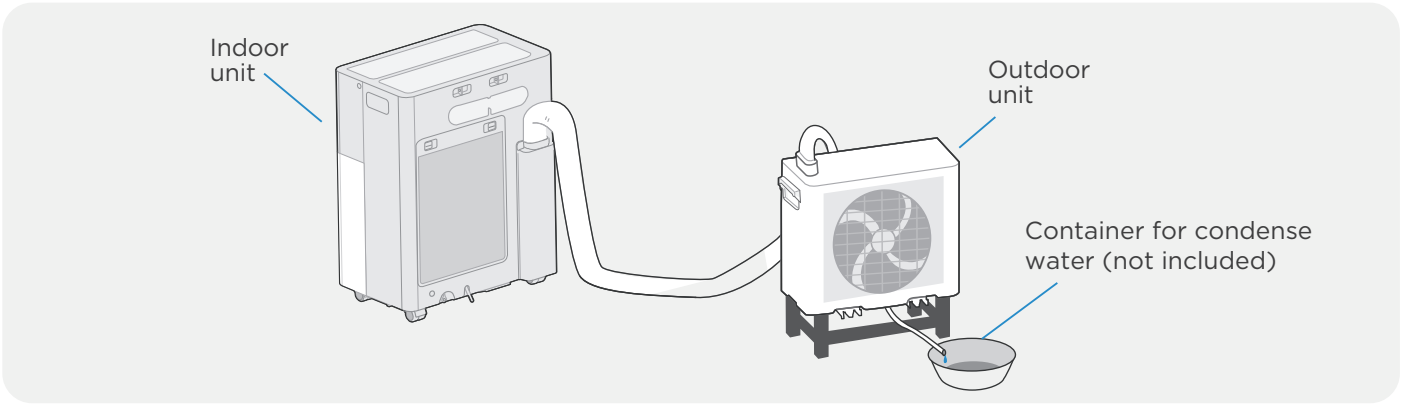
Terrace Installation



Fan / Dry

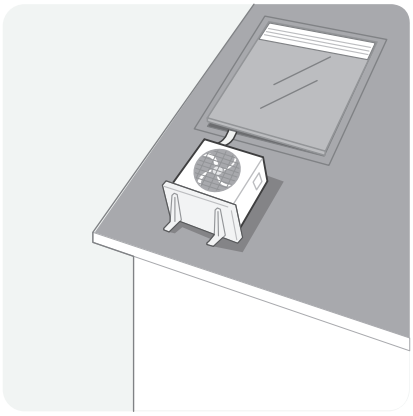
These modes will work in the configurations shown above but can also be used with both units inside. Note that dry mode will produce condensation water from the outdoor unit. Use the drainage hose to direct the water to a suitable location (hose must be below the drainage outlet).

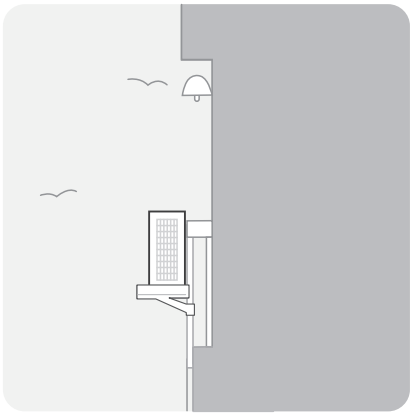
Both Units indoors (Not Possible for Heating / Cooling)



Other Use Cases

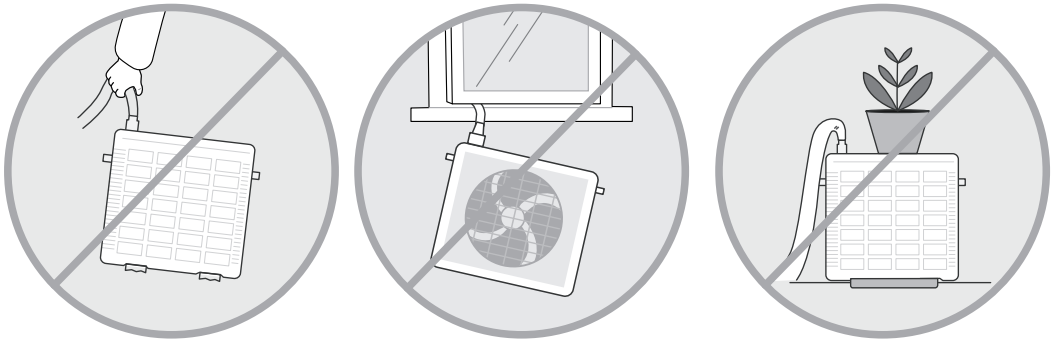
French balconies, roof windows and more. Note that these require a universal bracket (sold separately).





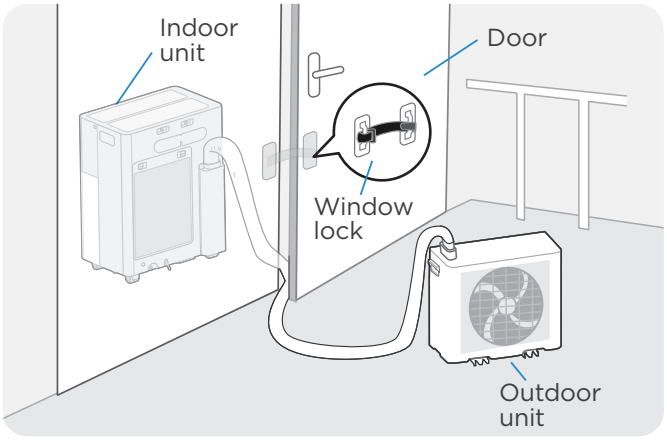
Product Installation

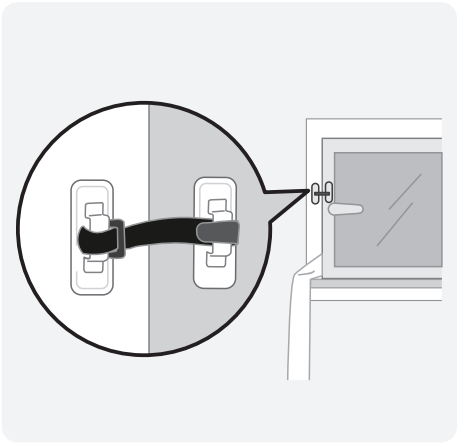
Scan QR code for a video guide.



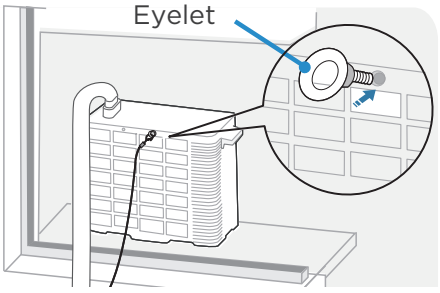
Typical Installation

To use the heating or cooling function, place the Outdoor Unit ourside. A window lock is included to hold the window or door in place and prevent too much air from escaping. Plug the Indoor Unit in and you are ready to go!





1. Screw the enclosed eyelet into one of the two threaded holes on the outdoor unit (see illustration).
2. Attach the steel cable to the eyelet on the outdoor unit. Then attach the other end of the steel cable to the indoor unit (see chapter Installing the window bracket, step 2).
3. Place the outdoor unit on the window sill.



Note: To be able to place the outdoor unit on the window sill, it must have a depth of at least 30 cm. The installation surface should be fairly level. Additional protection may be required during strong winds.

Do not hang the unit from the steel rope.

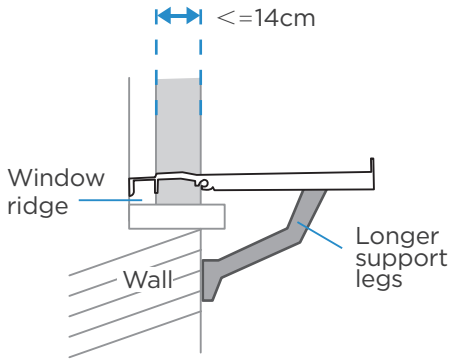
Bracket Installation

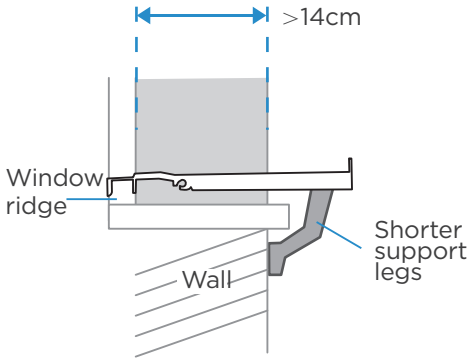
Caution

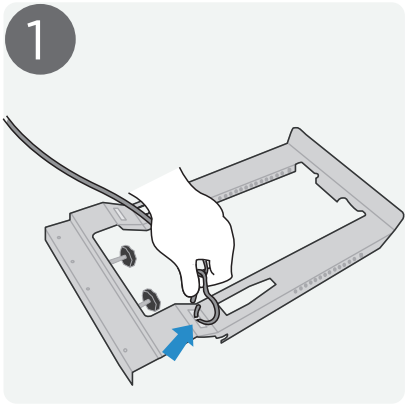
To avoid serious injury to people below or damage to property, the bracket must be secured with the steel rope provided, before installation. Additionally, during the entire installation process of the bracket, the bracket must always be held by one hand to prevent it from falling.

Regarding the positioning of the outdoor unit and bracket, you should always observe the local regulations and standards. The window frame and the wall must be able to support the weight of the bracket and outdoor unit.

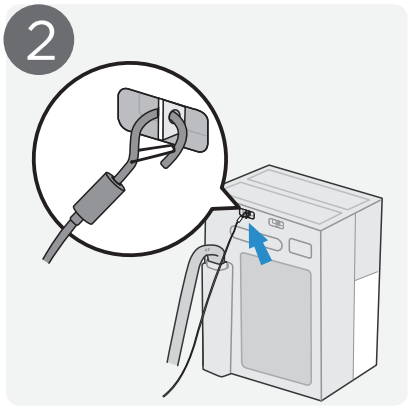
If the distance between the outside of the window ridge and the outside of the wall, as illustrated below, is more than 14cm, you may need to use the shorter support legs provided.



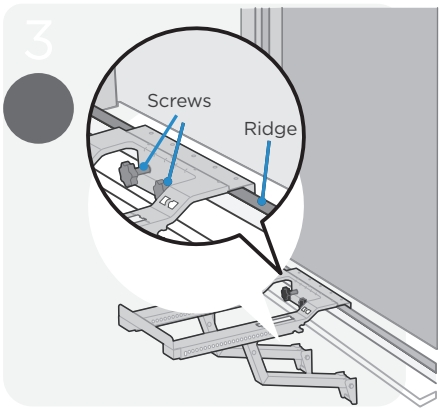




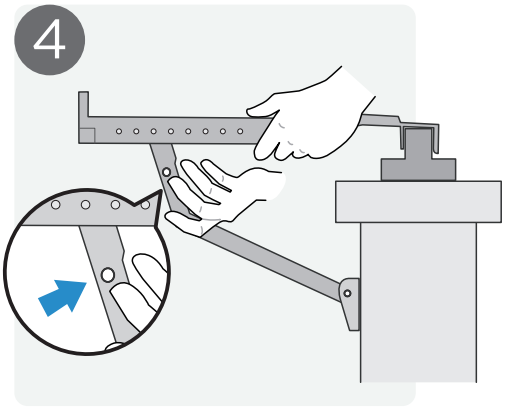
Attach one end of the steel rope provided to the eyelet on the bracket.



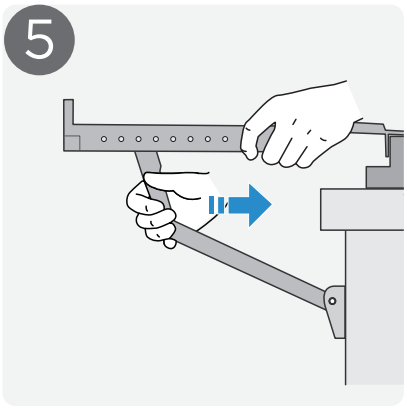
Secure the other end of the steel rope with the eyelet at the back of the indoor unit.



Place the clamp area of the bracket over the window ridge. Pretighten the screws for some stability.

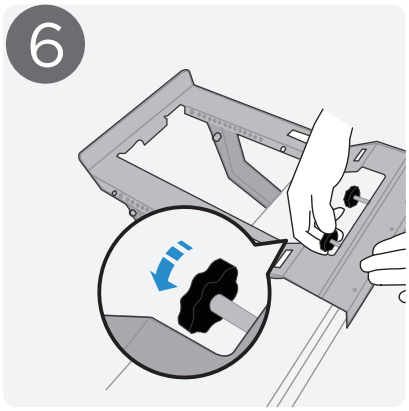


Press the button clips in the support legs inwards as these will release the locking pins in the bracket.



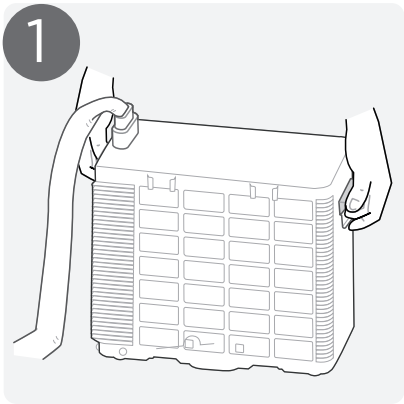
Pull the support legs until the feet have made contact with the wall.

Try to keep the bracket close to level (+/-2°).

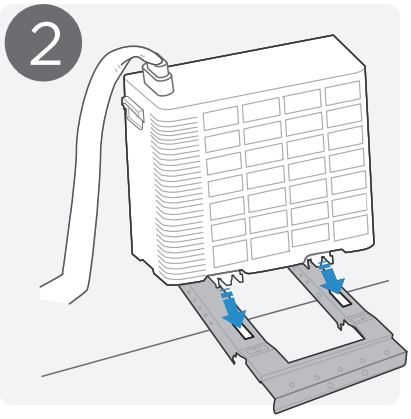


Tighten the screws in the clamp area until firmly fixed against the window ridge.

Outdoor Unit Installation

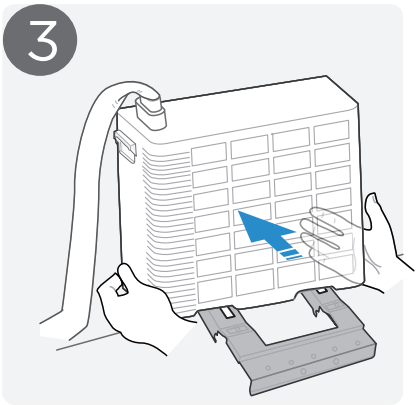


Lift the outdoor unit with two hands using the handles provided.



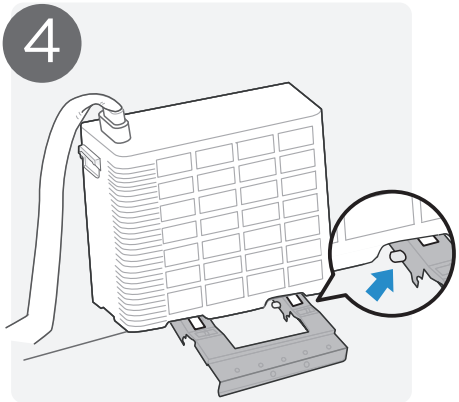
There are guides located on the underside of the outdoor unit.

Align these guides with the bracket holes shown in the diagram and place the outdoor unit on the bracket.

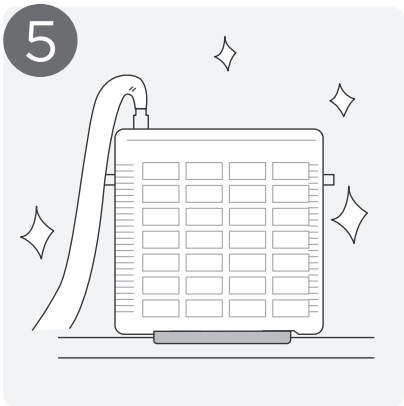


Ensure that the guides are inserted into the corresponding holes.

Position your hands in the middle of the unit, on the sides. Push the unit forward slowly without tilting it.



The pins should snap into place with a click. Check that they have passed through the bracket, locking the outdoor unit in place.



The front of the unit should have slid into the corresponding slot in the bracket, preventing it from lifting up.

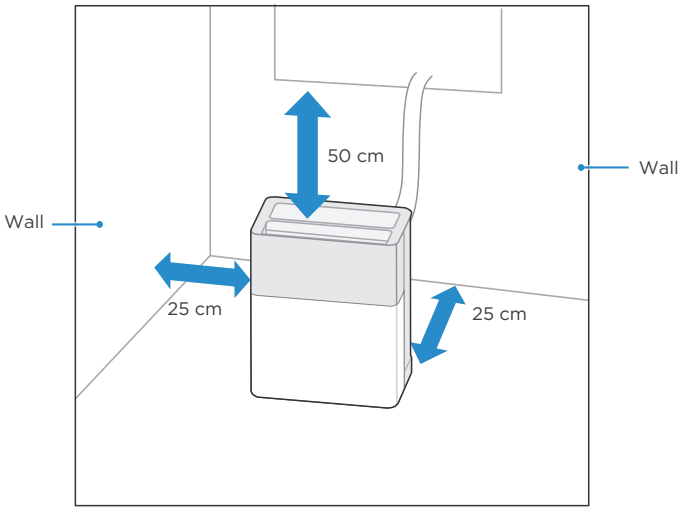
Test that it is firmly in place by trying to move it gently. The steel cable may now be removed from the bracket.

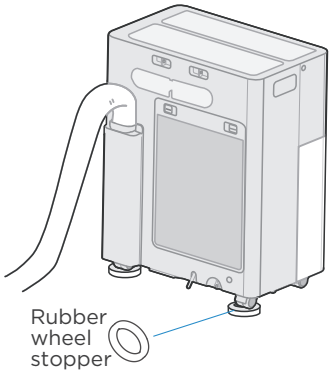
Note:

It is normal for the unit to produce condensation during operation. The condensate should be allowed to drain from the condense water outlet of the outdoor unit. A drainage pipe may be used to guide the water but the pipe must always be lower than the water outlet. For more information see the section “Condensation Water”.

Indoor Unit Positioning

Do not cover the air intakes or outlets of the units, as this could cause damage.
The back side of the indoor unit of the PortaSplit must be placed at least 25 cm away from the wall during use to allow for adequate ventilation of the device. There should be no obstruction within 50cm of the top of the device.
Note: You can lock the wheels in place using the rubber wheel stoppers included in the accessories. Simply place them under the wheels.



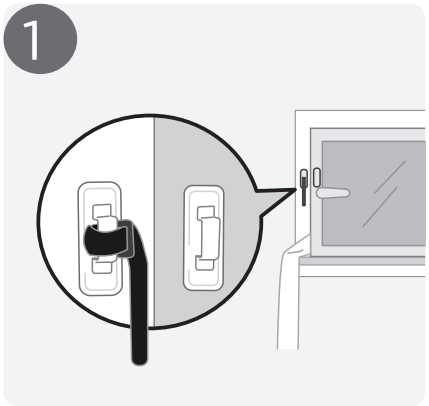


Window Lock Installation (Optional)

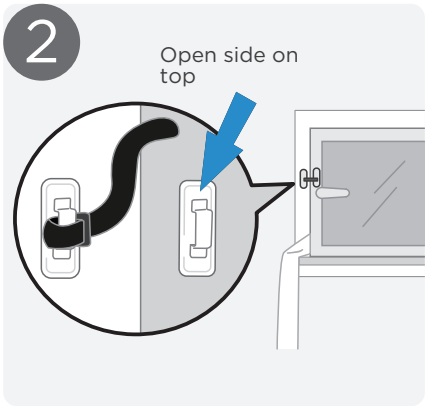
Note:

If you would prefer not to use the window sealing cloth, a window lock system is provided, to minimize the window gap.

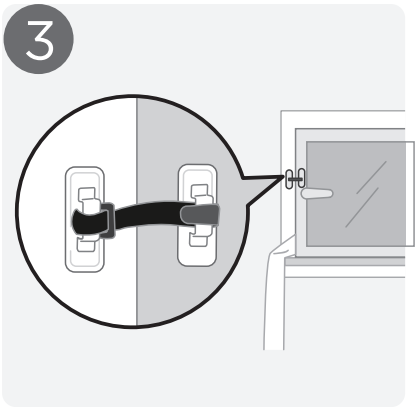
Determine where to install the window lock system. Ideally, it should be away from the window handle but still easily within reach. See the example below of a typical placement.



Stick one plastic mount on the window frame and the other on the window sash.



Pass the strip through the second plastic mount on the window sash.

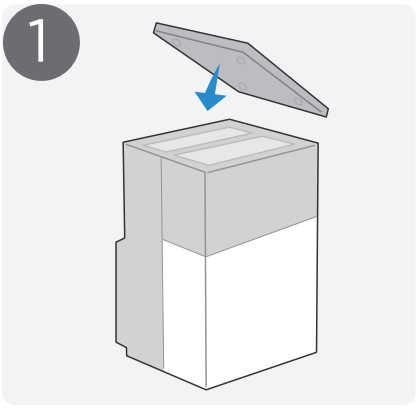


Fold the strip back on itself and stick the hook and loop together.

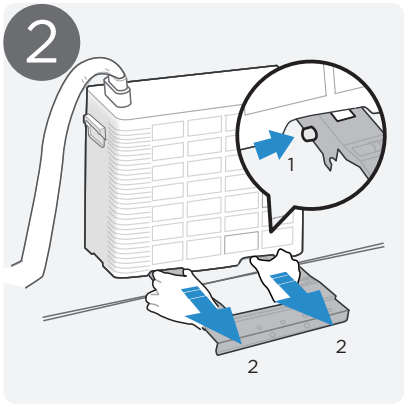
Outdoor Unit Deinstallation

Note:

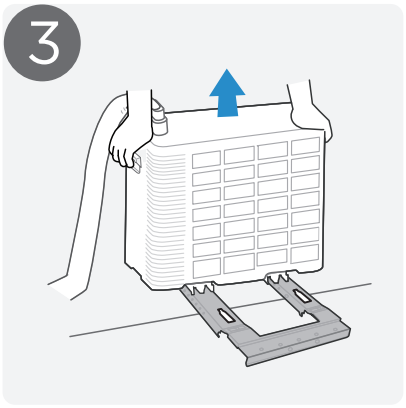
When not in use for an extended period of time or for use in a different location, follow these steps to remove the outdoor unit.



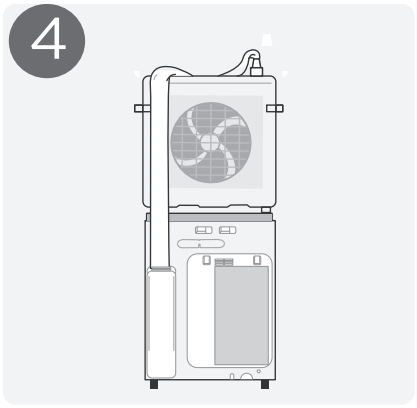
Place the protection plate on top of the indoor unit.



Using your thumbs, press the locking pins in (on both rails). Pull the guides toward yourself.



Once the locking pins are no longer securing the outdoor unit, you should be able to raise the unit, using the handles provided.



Place the outdoor unit on top of the protection plate.

⚠ Warning

- Please transport the unit carefully.
- This should not be done be children.
- Place on a level surface. Uneven or inclined surfaces may cause the unit to move and result in injury or damage.
- To reduce risk of damage to the device, store vertically as shown in figure 4.

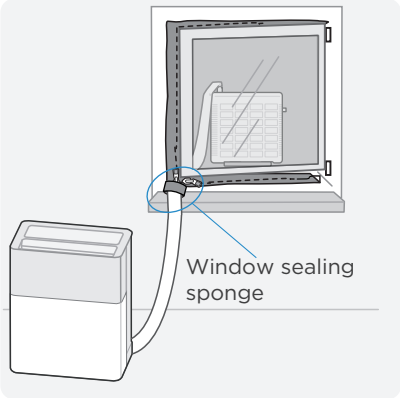
Note:

With most window types, the window can be closed even when the bracket is installed. If you want to uninstall the bracket, attach the steel rope, unscrew both screws and simply lift the bracket and bring it inside. When removing the bracket, always hold with at least one hand to prevent it from falling.

Sealing Cloth Installation (Optional)

Note:

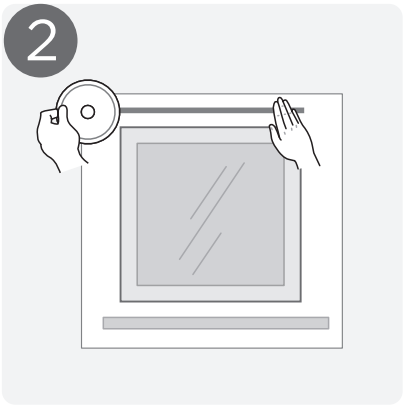
For better insulation, a window sealing cloth is provided. You can install the window sealing cloth and pass the refrigerant hose through the zipper. If needed, a sealing sponge is provided in the accessories to prevent rainwater from running along the hose as shown in the picture below.



Example of an installed sealing cloth and the sealing sponge wrapped around the hose.

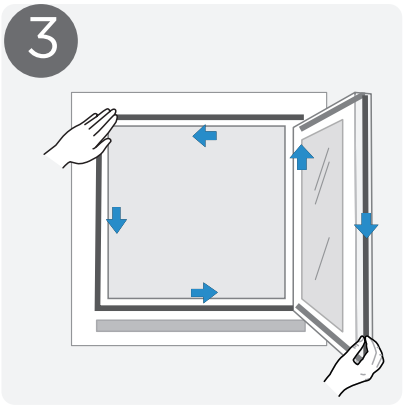
You will need a scissors to install the “hook and loop” strips.

Uninstall the outside device if installed. The bracket can however, remain in place.



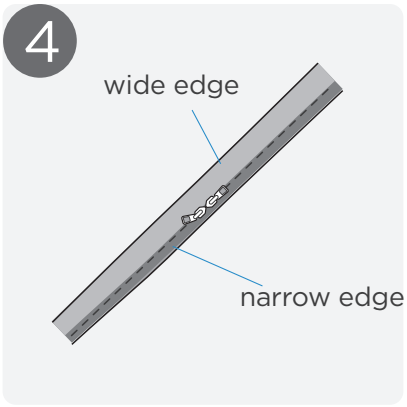
Ensure the window frame is clean.

Close the window. Measure and cut the strips to run the length of the sash and the window frame along the sides where there will be a gap.



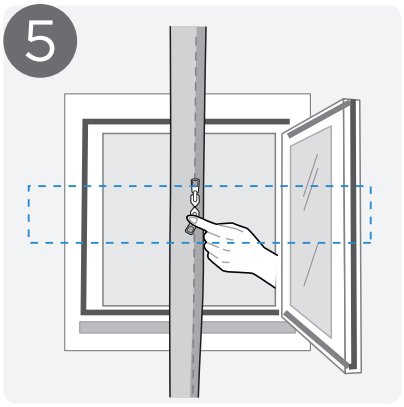
Stick the strips on the window frame and window sash.

It may be easier with the window closed to make alignment easier.



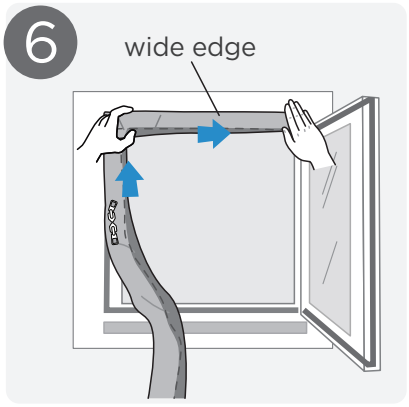
The sealing cloth is asymmetrical along the length of the zip.

The narrower side should run along the window sash and the wider side should run along the window frame.

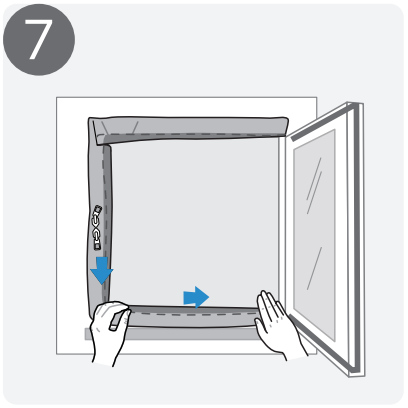


Align the middle of the sealing cloth with the middle of the opening side of the window frame.

Remember to attach the wide edge to the window frame.



Connect the hook and loop from the middle upwards and then along the top length.



Then do the same for the lower and bottom lengths. Repeat the process for the narrow edge and the window sash.

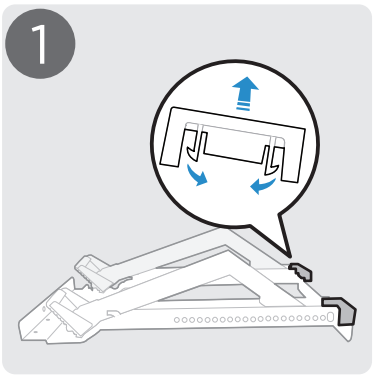
Reinstall the outdoor unit as per the Outdoor Unit Installation section. Zip the sealing cloth up and you’re all set.

Shorter Support Legs installation (Optional)

Note:

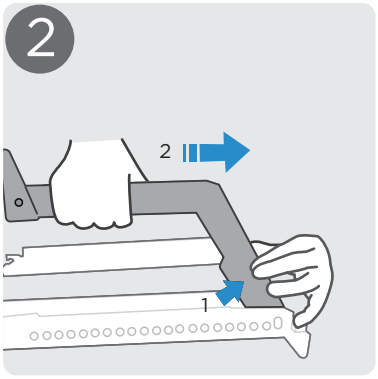
For most window profiles, the installed support legs are suitable. For windows with a larger distance from window ridge to the wall (approximately 14cm), the support legs can be substituted with the shorter support legs provided.

1



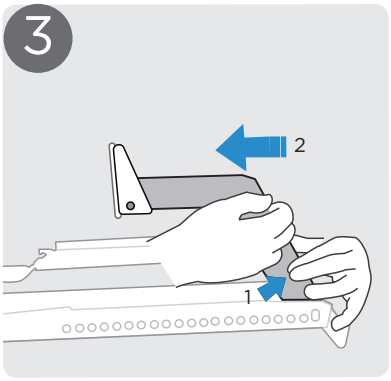
Remove the safety stopper at the end of the bracket. To do so, release the locking mechanisms.

2



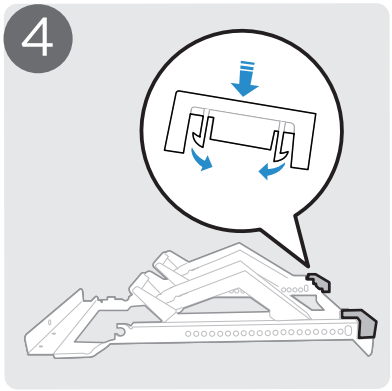
Press in the button clips on the support legs to release the locking pins and slide the support legs out.

3



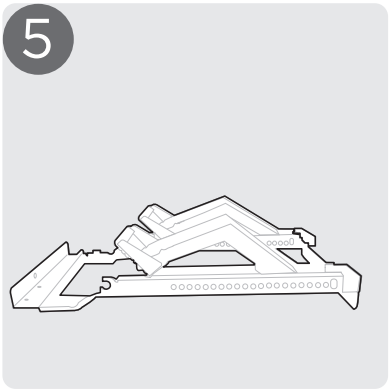
Slide the shorter support legs in.

4



Replace the safety stopper.

5

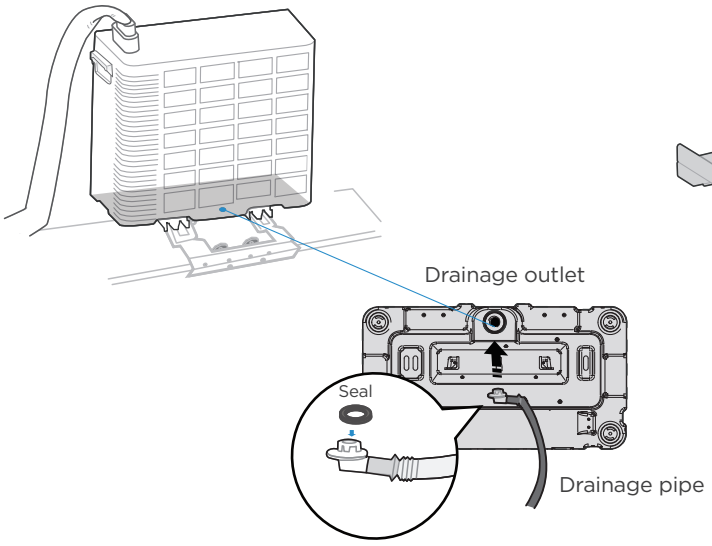


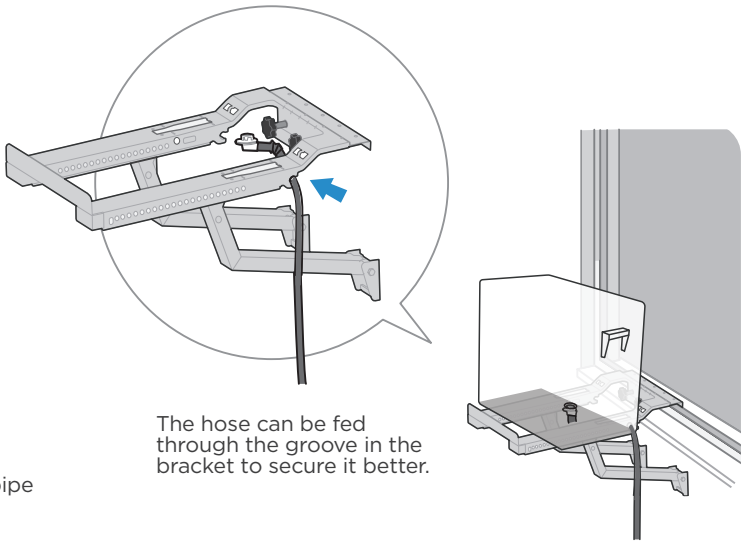
The bracket is ready to be installed.

Condensation Water

During both heating and cooling operation, condensation water will be discharged from the outdoor unit drainge outlet, at the bottom of the unit.

Insert the drainage pipe into the drainage hole in the base pan of the unit. It will click into place. Adjust the drainage pipe as required, to allow the condensation water to be directed to a suitable location.

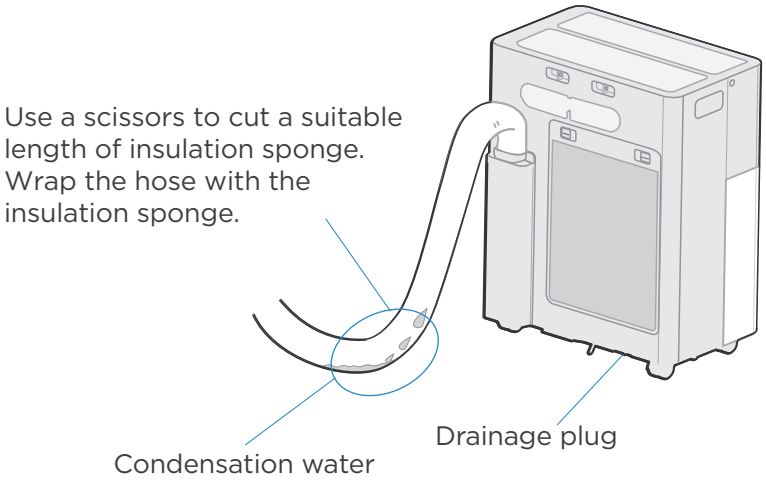




Note:

It is normal for the indoor unit to produce condensation. This is contained within the unit and automatically pumped to the outside unit. The indoor unit also has a drainage outlet, allowing you to manually drain any condensate not yet pumped to the outside unit, should you wish to do so. An example of this may be before placing the unit into storage, or if a water pump drainage malfunction occurs.

Lastly, during heating mode, condensation water may also collect on the hose between the indoor and outdoor units. This can not be drained by the system. Please regularly check the hose and wipe dry if needed.



Operating Instructions

Quick Start Guide

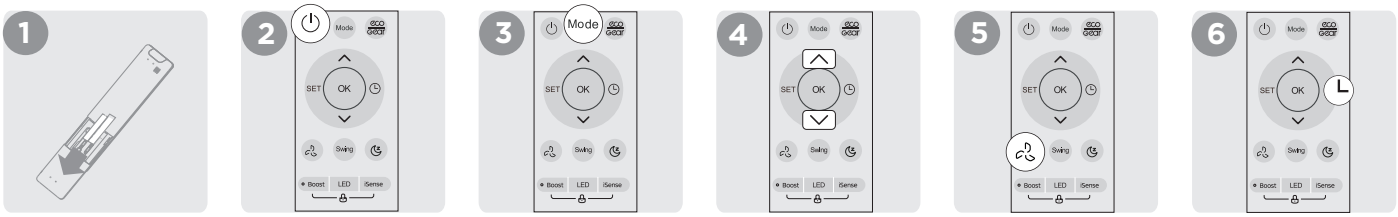
Once installed, the device is ready to be used. Simply plug the device directly into an electrical outlet and operate from the control panel, the remote control provided or the SmartHome app.

Control Panel:

1. Press the power button to turn on the device.
2. Use the mode button to switch between Auto, Cool, Heat, Dry and Fan modes.
3. Use the temperature control buttons to set the desired temperature (not applicable to fan or dry modes).
4. Use the fan speed button to adjust the speed of the fan.
5. Use the timer button to set the AC to turn on or off after a certain amount of time.

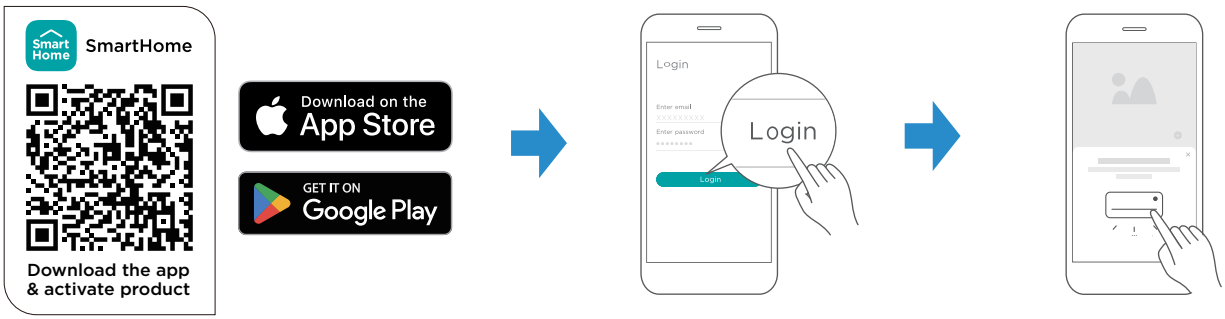
Remote Control:

1. Insert batteries to power the remote control (not included in all regions).
2. Point the remote control at the AC and press the power button to turn it on.
3. Use the mode button to switch between cooling, heating, dry and fan-only modes.
4. Use the temperature control buttons to set the desired temperature.
5. Use the fan speed button to adjust the speed of the fan.
6. Use the timer button to turn the AC on or off after a certain amount of time.

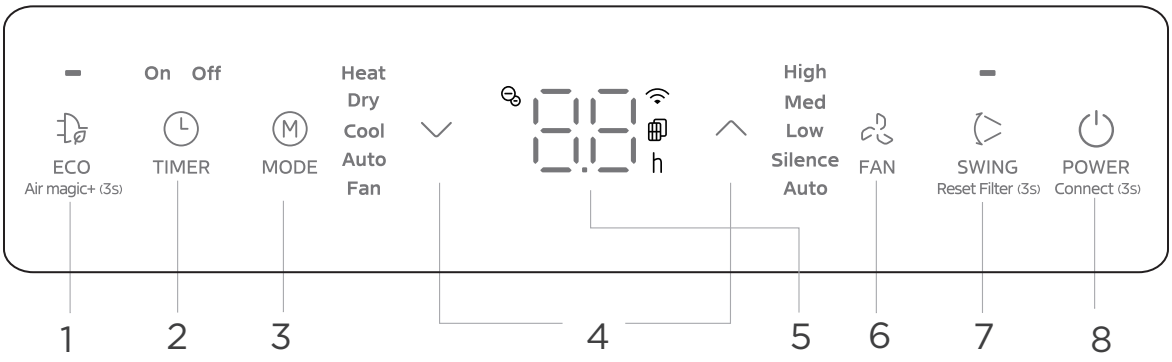


SmartHome App Control:

1. Download the SmartHome app and register an account if you do not have one already.
2. Ensure that Bluetooth is enabled on your phone and that you are connected to the wireless network.
3. Switch the PortaSplit on.
4. In the app, follow the on-screen instructions to configure your device.
5. Use the app to control the temperature, mode, fan speed and timer from anywhere.
6. Many other additional features are available in the app, such as scheduling, energy consumption visualisations and more.
7. For more detailed instructions on how to configfure your device, refer to the SmartHome App section below.



Control Panel - Detailed Guide



1 **ECO Button:**
Enable or disable ECO mode.
When in cooling mode, pressing this button will adjust the temperature automatically to 24°C and set the fan speed to Auto to save energy. In ECO mode it is possible change the temperature but not to decrease it to less than 24°.
Note: Pressing the ECO button again, changing the mode or adjusting set temperature to less than 24°C will stop ECO operation.
If ECO mode results in insufficient cooling, press the ECO button again to return to normal operation.

Model dependent. Long press this button for 3 seconds to initiate ION function.

2 **TIMER Button:**
Set timer to turn unit on or off after the desired amount of time. When the device is off, pressing the timer button will set a timer to turn it on. After pressing the timer button, use the up or down arrows to set the desired delay. You can then choose the mode, temperature and fan speed.
When the device is on, pressing the timer button will set a timer to turn it off. After pressing the timer button, use the up or down buttons to set the desired delay.
Note: The up and down arrows change the delay by increments of 30 minutes. A maximum delay of 24 hours is possible.
Turn the device on/off to cancel the timer or use the up/down buttons to change the delay or set to zero to cancel.

3 **MODE Button:**
Several modes are available: Auto, Cool, Heat, Dry and Fan. Each time you press the Mode button, the device will cycle to the next function.

4 **Up and Down Button:**
In normal operation, these buttons are used to increase or decrease the temperature in 1° increments. Long press (about 3 seconds) the Up and Down buttons simultaneously to swop between °C and °F.

5 **Display Window:**
Depending on the function being used it shows the temperature / timer settings / wireless mode or error codes.
It is not possible to set the temperature in Fan mode. The display will show the room temperature.

6 **Fan Button:**
Select your preferred fan speed from Low to High. Alternatively, select Auto for the device to manage fan speed automatically.
Note: On Auto and Dry mode, the fan speed cannot be adjusted manually.

7 **SWING Button:**
Set the louvre to move continuously or stop the louver at the desired angle using the Swing button.
Note: After 250 hours of operation, the filter indicator light will illuminate.
Refer to the Cleaning and Maintenance section for instructions on how to remove and clean the filter.
Once you have cleaned the filter, long press the Swing button to reset the counter to zero.

8 **Power Button:**
Switch the device on or off.
Long press the POWER button for 3 seconds to initiate Access Point (AP) mode if instructed to do so in the SmartHome app. The device will remain in AP mode for several minutes and return to normal operation automatically.

Main Operation Modes

COOL
- Press the "MODE" button until the "COOL" indicator light comes on.
- Press the Up or Down button to select your desired room temperature. The temperature can be set within a range of 16-30°C / 60-86°F.
- Press the "FAN " button to choose the preferred fan speed.

DRY
- Press the "MODE" button until the "DRY" indicator light comes on.
- The fan speed or the temperature cannot be adjusted. The fan motor operates at AUTO speed.

Note: Keep the windows and doors closed for the best dehumidifying result.

AUTO
- When you set the air conditioner to AUTO mode, it will automatically select cooling, heating, or fan only operation depending on what temperature you have selected and the room temperature. Not all models are equipped with the heating function.
- Under AUTO mode, you can not select the fan speed as the device is operating automatically to achieve the desired temperature.

FAN
- Press the "MODE" button until the"FAN " indicator light comes on.
- Press the "FAN SPEED" button to choose the fan speed. The temperature can not be adjusted in this mode.

HEAT (Not All Models)
- Press the "MODE" button until the "HEAT" indicator light comes on.
- Press the "+" or "-" buttons to select the desired room temperature. The temperature range is between 16-30°C / 60-86°F.
- Press the "FAN SPEED" button to choose the fan speed.

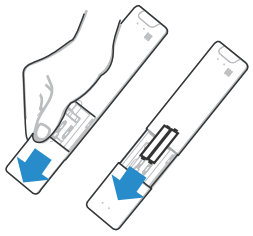
Note:

For additional advanced functions, please see the Modes and Setting section below.

Remote Control

Inserting and Replacing Batteries

The remote control requires 2 x AAA batteries. These may or may not be provided with your model.
Put batteries in the remote control before use.
1. Slide the back cover of the remote control downward, exposing the battery compartment.
2. Insert the batteries, paying attention to match up the (+) and (-).
3. Slide the battery cover back into place.



Remote Control

- Direct sunlight can interfere with the infrared signal receiver.
- There must be a clear line of sight between the remote and the AC.
- If the signals from the remote control happen to control another appliance, move the appliance to another location or contact customer service.

Battery Performance

For optimal product performance:
- Do not mix old and new batteries, or batteries of different types.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

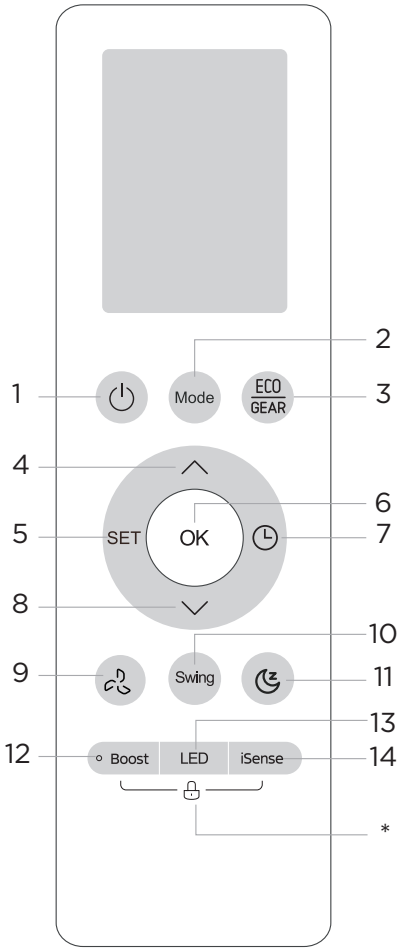
Battery Disposal

Do not dispose of batteries as unsorted municpal waste. Refer to local laws for proper disposal of batteries.
Batteries may have a chemical symbol at the bottom of the disposal icon. This chemical symbol means that the battery contains a heavy metal that exceeds a certain concentration. An example is Pb: Lead (>0.004%).

Appliances and used batteries must be treated in a specialized facility for reuse, recycling and recovery. By ensuring correct disposal, you will help avoid possible negative consequences for the environment and human health.

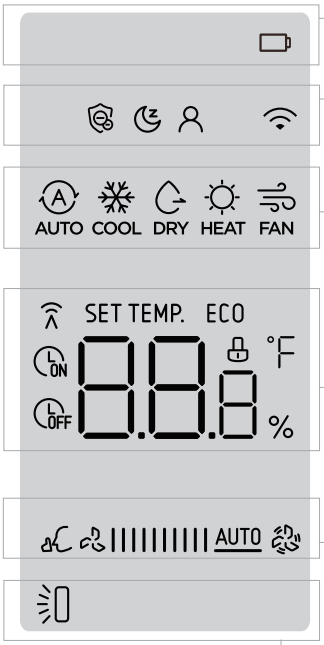
Pb

Remote Control: Buttons and Functions



	Description
1	**On/Off** Turn the unit on or off.
2	**Mode** Toggle between Auto, Cool, Dry, Heat and Fan modes. Heat mode is only available on some models.
3	**ECO/GEAR** ECO: automatically reduces performance and energy consumption. GEAR: reduce performance and energy consumption manually.
4	**Temperature Up** Increases temperature in 1° increments. The maximum set temperature is 30°C (86°F). Press and hold the Up and Down buttons simultaneously for 3 seconds to alternate between °C and °F.
5	**SET** Function dependent on region. ION function, Air Magic+ and Access Point (AP) mode can be selected.
6	**OK** Confirm the selected functions.
7	**Timer** Set timer to turn unit on or off after the desired amount of time.
8	**Temperature Down** Decreases temperature in 1° increments. The minimum set temperature is 16°C (60°F).
9	**Fan Speed** Set the fan speed from Low to High or put on Auto. Long press this button to enable Silent mode.
10	**SWING** Starts or stops continuous louvre movement.
11	**Sleep** Sleep cycle saves energy and increases comfort while sleeping. See Modes and Settings section for more information. This feature is not available in Fan and Dry modes.
12	**Boost** Enables the unit to reach the preset temperature in the shortest possible time.
13	**LED** Turns the LED display and acoustic feedback on or off.
14	**iSense** Uses a thermostat in the remote control to monitor room temperature and adjust performance accordingly.
*	**Lock Remote (Parental Control)** Long press Boost and iSense simultaneously to lock or unlock the remote.

Remote Control Screen Indicators



Low battery (if flashing)

ION function (optional) | Sleep mode | Follow me | Access Point (AP)

AUTO | COOL | DRY | HEAT | FAN

Current mode

Transmission Indicator | ECO Function | Timer ON | Timer OFF | Lock Remote

Temperature/Timer/Fan speed display

Display relevant information depending on the function.

Boost mode

AUTO	SILENT	LOW	MED	HIGH	Silent Mode
AUTO	1 - 20%	21 - 40%	41 - 60%	61-100%	

Fan speed (can not be adjusted in AUTO or DRY mode).

Louvre swing

Note:

While using the remote, only relevant information will be shown. The indicators above are for reference only.

Modes and Settings - Detailed Description

- **Air Magic+**

Model dependant. Functions may include UV air treatment and ionisation of the air for better air quality. This is particularly beneficial for asthma sufferers or those with allergies. These functions also purify the air and eliminate odours and reducing bacteria.

- **Auto Operation Mode**

Set the desired temperature and choose Auto mode. The device will automatically adjust the temperature and fan speed.
To activate Auto mode: Press the "MODE" button
until the "AUTO" indicator light comes on.

- **Boost**

The Boost function increases the fan speed and cooling or heating power for a short period to quickly adjust the room's temperature. Quickly heat up or cool down the room. This function consumes more energy than normal operation.
To activate this function press the Boost button on the remote control. Note that the function will be deactivated automatically when set temperature is reached. To deactivate the function manually press Boost button on the remote control again.

- **Cool Mode**

Cooling function. Press the MODE button on the control panel or remote control until COOL is selected. Adjust the temperature and fan speed according
to your preference.

- **Dry Mode**

Dehumidification function. The PortaSplit unit will remove excess moisture from the air, reducing the humidity level in the room.
Press the MODE button on the control panel or remote control until DRY is selected.

- **ECO/GEAR Function**

ECO: automatically reduces performance and energy consumption.
GEAR: reduce the performance and energy consumption manually.
When in cooling mode, pressing this button will adjust the temperature automatically to 24°C and set the fan speed to Auto to save energy. In ECO mode it is possible change the temperature but not to decrease it to less than 24°.
Note: Press the ECO button, change the mode or adjust the set temperature to less than 24°C to stop ECO mode.
If ECO mode results in insufficient cooling, press the ECO button again to return to normal operation.

- **Fan Mode**

For ventilation without heating or cooling, you can use fan mode.
Press the MODE button on the control panel or remote control until FAN is selected.

- **Fan Speed**

Press the FAN button (not MODE) to cycle through the available fan speeds: Silent, Low, Medium, High and Auto. This is available in for HEAT, COOL and FAN modes.

- **Freeze Protection**

Protect the outdoor unit from damage due to ice formation.
Select heating mode. Decrease set temperature to 16°C. Wait for a few seconds. Press the Down button twice rapidly on the remote control.
The unit will operate display “FP” and automatically adjust fan and temperature speed to prevent icing over.

- **Heat Mode**

Heating function. Press the MODE button on the control panel or remote control until HEAT is selected.
Set the temperature and fan speed according to your preference.

- **iECO**

Enjoy the benefits of power saving without compromising performance.
Advanced algorithms and temperature prediction make micro adjustments to the performance, fan speed and humidity settings of the device to achieve the desired temperature and optimise power usage.
iECO can only be activated via the SmartHome app and the device must remain connected to the wireless network during this time.

- **ION**

Model dependant. Ionisation of the air for better air quality. This is particularly beneficial for asthma sufferers or those with allergies. These functions also reduce odours and help kill bacteria.

- **iSense**

This feature that uses a thermostat in the remote control. Performance is adjusted based on this reading as opposed to the thermostat in the inside unit.
This delivers a more accurate temperature control and can be localised to wherever the remote is placed.
Press the iSense button on the remote control to activate or deactivate this feature.

- **Lock Remote (Parental Control)**

Long press both the Boost and iSense buttons simultaneously, to lock or unlock the remote control.

- **LED**

Do not disturb function. To avoid the disturbance created by the LED lights and the accompanying acoustic tones, when operating the remote control, these can be switched off by pressing the LED button on the remote control. To turn them back on, simply push the button again.

- **Silent**

To operate the device as silently as possible (with low fan and power), long press the Fan button to activate or deactivate the Silent function.
Press ON/OFF, Mode, Sleep or Boost while to cancel.

- **Sleep Function**

Easily program the device to increase or decrease temperature at one hour intervals. It is recommended to decrease the heating or cooling function as your body temperature changes during sleep.
Set the length ofthe cycle, after which normal peration will resume.
Note: The Sleep function is not available in FAN or DRY modes.
The Sleep function will end automatically.
To activate or deactivate the Sleep function manually, press Sleep button on your remote control.

- **Swing**

Set the louvre to move continuously or stop the louvre at the desired angle using the Swing button.
Press the button to enable or disable louver movement.

- **Temperature Range**

Set the temperature from 16° - 30°C (60 - 86°F).

- **Temperature Setting**

Use the Up and Down buttons to adjust the set temperature when in HEAT, COOL and AUTO modes.

- **Timer**

Set timer to turn unit on or off after the desired amount of time.
When the device is off, pressing the timer button will set a timer to turn it on. After pressing the timer button, use the up or down arrows to set the desired delay. You can then choose the mode, temperature and fan speed.
When the device is on, pressing the timer button will set a timer to turn it off. After pressing the timer button, use the up or down buttons to set the desired delay.
Note: The up and down arrows change the delay by increments of 30 minutes. A maximum delay of 24 hours is possible.
Turn the device on/off to cancel the timer or use the up/down buttons to change the delay or set to zero to cancel.

- **Transmission Indicator**

This icon on the remote control simply provides confirmation that the remote control is sending setting to the indoor unit (however it does not mean the indoor unit has received them).

SmartHome App Control

Note:

Compatible with iOS and Android. Older phones may not be supported. Midea makes no guarantee of compatibility and is not responsible for issues arising as a consequence thereof. The app is subject to updates without prior notice for product function improvement.

The following wireless protocols are supported: WPA-PSK / WPA2-PSK / WPA3-SAE. It may be used with or without encryption although encryption is strongly recommended.

Preparing to Connect: Connect your phone to the wireless network (2.4GHz). Have the network password at hand. Enable Bluetooth on your phone.

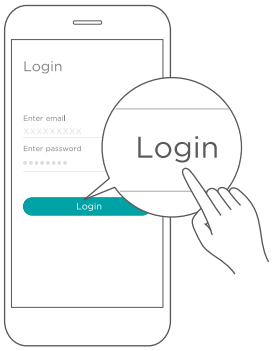
Step 1: Download the SmartHome app

Scan the QR code below to download the SmartHome app from app store or search for it directly in Google Play or in the App Store.

Step 2: Log in

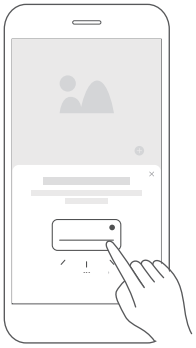
Open the SmartHome app. Log in directly if you have an existing account or create a new account.

Alternatively, you can also use one of the 3rd party login platforms.



Step 3: Connecting the device

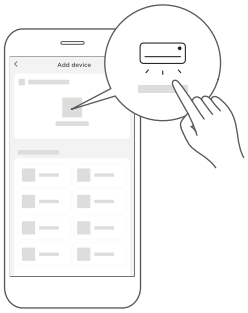
When you log in, you may see the message "Smart devices discovered nearby". Tap to add your device.



Step 3 (continued):

If no such message appears, tap on the "+" icon on the upper right of the app and select add device. Wait as the app scans for devices. Your device may appear here.

If your device still does not appear, select it from the list under Portable AC and depress the Power button for at least 3s to enter wireless connection setup Access-Point (AP) mode.

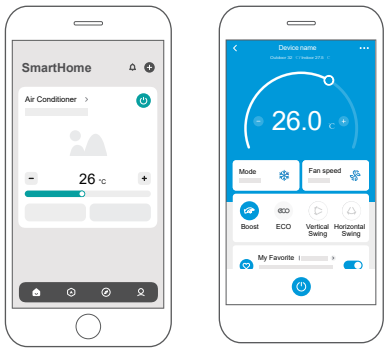


Step 4: Controlling the device

After pairing successfully, a card will be created for the device in the SmartHome app.

Shortcuts for basic functions will appear on the card such as changing the temperature or switching the device on or off.

Tapping on the card, will reveal additional features and settings. The actual UI design may look different from examples due to app updates.



Note:

Network issues may cause timeouts. The unit display and the app may become desynchronized but this should resolve itself automatically.

Should the issue persist, then run the configuration process again. A change in the wireless network will require reconfiguration of the device.

Restore to factory settings: deleting the device on the app will reset the wireless configuration on the device.

App Functions

In the app, follow the instructions to configure your device. Once configured, the device must remain connected to the wireless network in order to use features such as scheduling, energy consumption visualisations and more.

- **Active Clean**

The Active Clean Technology washes away dust that has adhered to the heat exchanger, by automatically freezing and then rapidly thawing the ice. When this function is turned on, the indoor unit will display the letters “CL”. The unit will automatically turn off and the Active Clean cycle will terminate. Typically this last between 20-45 minutes.

- **Check**

Perform a simple diagnosis and see the current status as well as a log of normal events and exceptions.

- **iECO**

Enjoy the benefits of power saving without compromising performance. Advanced algorithms and temperature prediction make micro adjustments to the performance, fan speed and humidity settings of the device to achieve the desired temperature and optimise power usage.

Monitor the electricity consumption of the air conditioner by checking the energy report.

- **Location Based Services**

You can set up automated scenes triggered by a change in the location of your phone. For example, a scene can be triggered to turn the AC on and begin to cool your home, as you approach your home.

- **Scheduling**

Turn the air conditioner on or off at a specified times.

- **Scenes**

A scene is a combination of instructions for one or more smart appliances. With just one click or voice command, you can switch on your AC with your preferred mode, temperature and fan speed.

- **Sleep Curve**

Easily program the air conditioner to increase or decrease temperature at one hour intervals. It is recommended to decrease the heating or cooling function as your body temperature changes during sleep.
Set the length ofthe cycle, after which normal peration will resume.
Note: The Sleep function is not available in FAN or DRY modes.
The Sleep function will end automatically.
To activate or deactivate the Sleep function manually, press Sleep button on your remote control.

- **Voice commands**

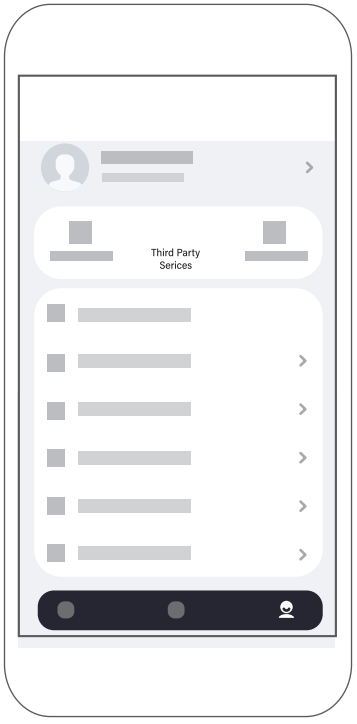
Configure your preferred smart home assistant such as Google Home or Alexa and use voice commands to manage your AC. For more detailed instructions, please refer to the "Third Party Services" section in the app.

Some common commands are:
Hey Google OR Alexa...
- turn on <device name>.
- set <device name> to auto mode.
- set <device name> to 26 degrees.
- increase <device name> temperature by 2°.

Scenes can also be initiated as Siri shortcuts. For more information, see the description of Scenes on this page.

- **Temperature Range**

Set upper and lower limits for the temperature range. Other users will not be able to exceed these limits (however they can edit the temperature range).



Cleaning and Maintenance

⚠ Caution

- Always unplug the unit before cleaning or servicing.
- Do not use flammable liquids or chemicals to clean the unit.
- Do not wash the unit with water. Electrical danger.
- Check the appliance at regular intervals for mechanical damage.
- Attention should be paid to the flexible refrigerant hoses to see if there is any mechanical damage, excessive stress due to torsion or other forces, if so, please inform customer service.
- Do not operate the unit without a filter. Dirt and lint will clog the AC and reduce performance and cause damage.

Cleaning the Air Filter

Remove the Air Filter

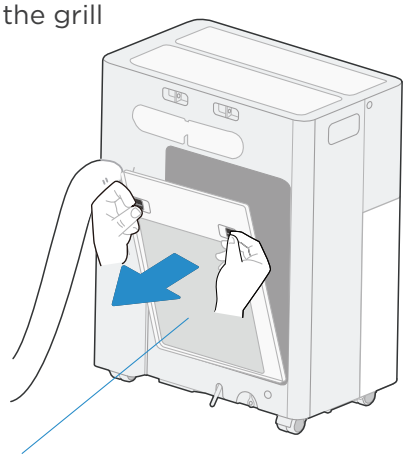
Grasp the handle on the top of the filter located at the back of the machine with both hands, apply downward pressure, and then pull outwards to remove.

Maintenance Tips

Be sure to clean the air filter when the filter indicator light illuminates, for optimal performance.
If you have pets in your home, you may need to periodically wipe down the grill to prevent blocked airflow due to animal hair.

Normal filter: Wash the normal filter by immersing it gently in warm water (40°C / 104°F) with a neutral detergent.
Rinse the filter and allow to dry (avoid direct sunlight).
Clean every two weeks for optimal performance.

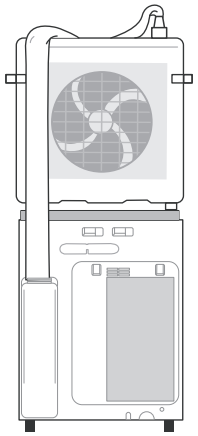
HEPA Filter: Do not wash with water. See HEPA Filter section below.



Cleaning the Unit

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

Never use harsh cleansers, wax or polish on the unit.

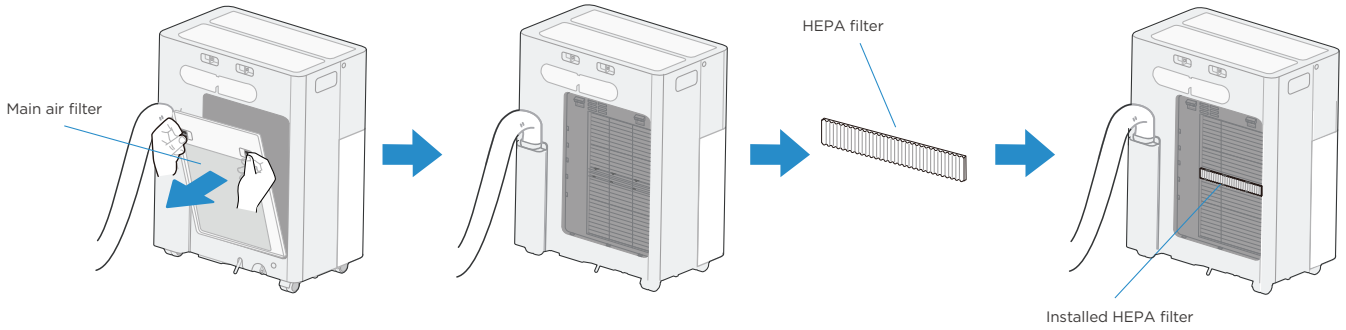


Store the Unit When Not in Use

- Turn off the appliance and unplug it.
- Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
- Place the protection plate on top of the indoor unit. Deinstall the outdoor unit and place it on the protection plate.
- Remove the batteries from the remote control.

HEPA Filter (Optional accessory)

- First remove the main air filter
- Install in the allotted space behind the main air filter
- "HEPA filter: Replace every 6 months. Can be cleaned with a hair dryer (cold air only) or a furniture brush. Do not wash with water.



Disposal and Recycling

Compliance with the WEEE Directive and disposal of waste products: this product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for Waste Electrical and Electronic Equipment (WEEE).

This symbol indicates that this product shall not be disposed of with other household wastes at the end of its service life. Used devices must be returned to official collection point for the recycling of electrical electronic devices.
To find these collection locations please contact to your local authorities or the retailer where the product was purchased. Each household performs an important role in recovery and recycling of old appliances.
The appropriate disposal of used appliance helps prevent potential negative consequences for the environment and human health.

Troubleshooting

Problem	Possible Causes	Solution
Unit does not turn on when pressing ON/OFF button	Protection mode.	The unit has a protection feature that prevents damage from occurring to the compressor while shutting down. Once the compressor may be started safely, the unit can be started again. This may take up to 3 minutes.
	In COOL mode: room temperature is lower than the set temperature.	Lower the set temperature.
Unit does not cool well	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
	Temperature is not set low enough.	Decrease the set temperature.
	The windows and doors in the room are open.	Make sure all windows and doors are closed.
	The room area is too large.	Check the max room size in the Specifications.
	There are heat sources inside the room.	Remove or disable the heat sources if possible.
	The unit is low on refrigerant or there is a leak.	Discontinue use immediately and call a service technician or customer support.
The unit is noisy and vibrates too much	The ground is not level.	Place the unit on a flat, level surface.
	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
The unit makes a gurgling sound	This sound is caused by the flow of refrigerant inside the unit.	This may occur occasionally but should cease after some minutes. If the sound is excessive or fails to cease, speak to a customer service representative.
Device stops unexpectedly	The indoor unit may need to be drained.	Check the display. If the code P1 or EH44 is shown, then drain the indoor unit as follows: Prepare a shallow container to collect the water. Remove the drainage plug at the back of the indoor unit. Let the condense water drain. Replace the drainage plug. Restart the machine. If the error occurs frequently, contact the service centre.
	Critical error.	If the following codes are encountered, then turn the unit off, discontinue use and contact the service centre immediately: EH00 - EEPROM error. EH60 - Room temperature sensor error. EH61 - Evaporator temperature sensor error. EC52 - Condenser temperature sensor error. EH0b - Display panel communication error.

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All the described functions and instructions were up to date at the time of printing this manual. However, the actual product may vary due to improved functions and designs.

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The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.
Any updates to the manual will be uploaded to the service website, please check for the latest version.

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