



PortaSplit

Portable split air conditioner



User User Manual

Model number:
MMCS-09HRN8-
QRDO MMCS-
12HRN8-QRDO

Note: Please read this manual before using this product and keep it for future reference. Due to continuous product improvement, the design and specifications may differ from the actual unit. All diagrams are therefore provided for reference only, and the itself should be taken as the standard.

Contents

Safety Instructions	2
Specifications	13
Getting started	13
Product overview	14
How to use your PortaSplit	16
Product installation	18
Standard installation	18
Media installation	19
Outdoor unit installation	20
Positioning the indoor unit	20
Fitting the window lock (optional)	20
Removing the outdoor unit	22
Fitting the waterproofing membrane (optional)	23
Fitting shorter support legs (optional)	24
Condensation	25
Operating instructions	26
Quick Start Guide	26
Main operating modes	28
Remote control	28
SmartHome app control	32
Cleaning and maintenance	34
Disposal and recycling	35
Troubleshooting	36
Trademarks, copyright and legal notices	37
Data Protection Notice	38

Safety Instructions

To ensure your safety and prevent damage to the device, please read the safety precautions. The symbols and their corresponding levels of importance are explained below:

Explanation of symbols

	Electrical voltage Risk of exposure to high-voltage electrical current, which may result in injury or death.
	Warning A hazard presenting a medium level of risk which, if not avoided, may result in serious injury or death.
	Caution A hazard presenting a low level of risk which, if not avoided, may result in minor or moderate injury.
	Caution Risk of property damage, but no danger to people.
	Follow the instructions The operating instructions must be followed to prevent damage to the appliance.

Warning

- Do not lift the appliance by the hose. Always use the handles.
- Do not pull the appliance by the power cord or the hose.
- Plastic bags and other packaging are not toys and can be dangerous for children.
- Do not allow children to play with the appliance or its remote control. Children must be supervised at all times when near the appliance.
- Do not sit on the appliance. You could injure yourself by falling or damage the appliance.
- Do not place any objects on top of the appliance, as this could cause it to malfunction or damage the product.
- Do not place or use flammable items, such as aerosol cans, within one metre of the air outlets, as this may cause a fire or even an explosion.
- Do not place any objects near the outdoor unit, as they may obstruct airflow and cause damage. Ensure that the unit is not blocked by leaves or other debris.
- Do not place your fingers or any objects in the air inlets or outlets. Contact with the high-speed fan blades may result in injury or damage to the product.
- In the event of any unusual circumstances, such as a burning smell, switch off the appliance immediately and unplug it. Contact your retailer for further instructions, as continued use of the appliance may result in electric shock, fire or injury.
- Do not expose plants or animals directly to the airflow from the appliance, as this could be harmful to them.
- Avoid subjecting the indoor and outdoor units to impact, as this may damage the product.
- Do not climb onto the outdoor unit or place any objects on top of it.

- This unit is fitted with wheels. Watch out for obstacles and thick carpets, as the unit may tip over.

Precaution

- This appliance may be used by children aged 8 years and over and by people with reduced physical, sensory or mental capabilities, or who lack experience and knowledge, provided they are supervised or have been given instructions on how to use the appliance safely and understand the risks involved.
- Cleaning and maintenance by the user must not be carried out by children without supervision. This is not a toy.
- Do not place any objects that may attract moisture directly beneath the indoor and outdoor units or the refrigerant pipes. Under certain conditions, condensation may form and damage the object in question.
- To prevent a reduction in oxygen levels, ensure the room is adequately ventilated if equipment such as a burner or heater is used at the same time as the air conditioner.
- Do not operate the air conditioner in a damp room such as a bathroom or utility room. Excessive exposure to damp can cause electrical components to short-circuit.
- Do not expose your body directly to the cool air for a prolonged period.
- In certain working environments, such as kitchens, server rooms, etc., the use of specially designed air-conditioning units is strongly recommended.
- Derating must only be carried out by qualified personnel.
- Switch off the air conditioner and unplug it if you are not using it for a long period.
- Switch off and unplug the appliance in the event of a thunderstorm.
- Do not use the appliance for any purpose other than that for which it was designed.
- Avoid operating the appliance for long periods with doors or windows open, or if humidity levels are very high.
- Do not use any products other than those recommended by the manufacturer to speed up the defrosting process or for cleaning.
- Do not place or use the unit's indoor unit outdoors.
- Do not use the appliance during snowfall. After snowfall, check that the air intake of the outdoor unit is not blocked by snow.

Warranty and liability

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

- Improper use.
- Failure to follow instructions.
- Operation with safety or protective equipment that is not functioning.
- Continued use despite the occurrence of a fault.
- Inadequate installation, commissioning, operation and maintenance.
- Repairs carried out incorrectly.
- Unauthorised modifications to the appliance.
- Force majeure.
- Installation of additional components that have not been tested with the device.

Wireless module

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

Fuse specifications

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



Electrical warning

- Do not use the device with wet hands. This may result in electric shock.
- Do not alter the power cord or plug in any way. If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person.
- Do not attempt to alter the wiring or open the control board, as this could result in overheating, fire, electric shock, injury or death.
- Do not pull on the power cord to unplug the appliance, as this may damage the cord and cause a fire or electric shock. Hold the plug firmly and remove it from the socket.
- Do not alter the length of the power cord or use an extension lead to power the appliance, as this could lead to overheating or electric shock.
- If the power lead is damaged, it must be replaced by customer services, a qualified service centre or a qualified electrician to avoid any danger.
- Plug the appliance directly into the wall socket. Do not use extension leads, splitters or multi-socket adaptors, as this may overload the circuits and cause a fire or damage.
- Ensure that the mains plug is clean. Remove any dust or dirt that accumulates on or around the plug. Dirty plugs can cause a fire or electric shock.
- Ensure that the connection is earthed.
In the event of a fault that could affect safety, the system must not be used until the fault has been rectified.
- Maintenance and repair work on electrical components must only be carried out by a specialist.
- Components must only be replaced with parts specified by the manufacturer. Incorrect replacement of components may result in the refrigerant igniting in the atmosphere due to a leak.
- In the event of damage or malfunctions, please contact your specialist retailer or our customer service department.
- Repair and maintenance work on electrical components must include initial safety checks and component inspection procedures. In the event of a fault that could affect safety, the circuit must not be re-energised until the fault has been satisfactorily rectified.



Warning: Installation Notes

- Use only the accessories supplied and the parts specified for installation. The use of non-standard parts may cause water leaks, electric shocks or fire, and may result in the appliance failing.
- Install the appliance on a stable surface capable of supporting its weight. If this is not done correctly, the appliance may fall, causing serious injury and damage.
- Install the drain pipework in accordance with the instructions in this manual.
Inadequate drainage may result in water damage to your home and your belongings.
- Do not install the appliance in a location likely to be exposed to combustible gas leaks. If combustible gas accumulates around the appliance, it may cause a fire.
- Do not switch on the unit until the outdoor unit has been securely fixed in place. Only move the outdoor unit by holding it by the casing; never carry it by the refrigerant pipe.

- Check the unit regularly for any signs of damage.
- Avoid subjecting the refrigerant pipe to stress or twisting. Inspect the pipes regularly and inform customer services if you notice any damage.
- Only use the appliance in accordance with the instructions provided. Any changes or modifications made to this appliance without the express approval of the party responsible for compliance may invalidate the user's right to operate the equipment.
- During installation, hold the outdoor unit by the handles provided for this purpose, not by the pipe.
- If the unit is to be permanently installed or if the refrigerant pipes need to be extended, a qualified installer must be commissioned.



Window bracket

- The window bracket is designed for inwards-opening windows with a groove width of up to 4.5 cm and a height of at least 2 cm. Before proceeding with installation, first check whether the window bracket fits the window frame.
- To attach the bracket to the window, follow the instructions provided here.
- Take particular care during installation to ensure that all safety precautions are observed.
- Ensure that the steel cable is securely attached to the indoor unit and the window bracket to prevent it from falling.
- When fixing the bracket, take care not to scratch the brickwork or windows.
- Once installed, check that both screws are properly tightened and that the bracket is securely fixed.
- The bracket must be level (to within 2°).
- The outdoor unit is designed to be easily removed and installed. When placing it on the bracket, ensure that the pins click into place correctly.
- In most cases, it is not necessary to remove the bracket to close the window. Ensure that the bracket does not obstruct the window when it is closed.
- Remove the bracket and the outdoor unit in the event of a thunderstorm or strong winds.
- Check the bracket and fixings regularly to ensure they are secure and undamaged.
- The bracket is designed solely for the outdoor unit; any other use is prohibited and may result in accidents.
- Remove the bracket and stop using it if it is damaged.
- Keep children playing away from the window bracket.



UV-C lamp (applies only to units containing a UV-C lamp)

This appliance contains a UV-C lamp. Read the maintenance instructions before opening the appliance.

- Do not operate UV-C lamps outside the unit.
- Units that are visibly damaged must not be used.
- Incorrect use of the device or damage to the casing may result in a leak of hazardous UV-C radiation. Even at low doses, UV-C radiation can cause damage to the eyes and skin.
- Before opening the doors and access panels marked with the ULTRAVIOLET RADIATION hazard symbol to carry out USER MAINTENANCE, it is recommended that you disconnect the power supply.
- The UV-C lamp must not be cleaned, repaired or replaced.
- UV-C BARRIERS bearing the ULTRAVIOLET RADIATION hazard symbol must not be removed.



WARNING

This unit contains a UV emitter. Do not look directly at the light source. The unit must be disconnected from the mains supply before any cleaning or other maintenance is carried out.

General information and safety advice

Refrigerant (R32)

The refrigerant circuit between the indoor unit and the outdoor unit is sealed during manufacture. The refrigerant may be odourless. If the unit is not heating or cooling properly, this may be a sign of a leak.

Do not attempt to install the appliance yourself. Stop using it immediately and follow the steps below:

- Disconnect the appliance from the mains supply.
- Open windows and doors to ensure ventilation. Extinguish any naked flames and avoid sparks.
- Leave the room and alert other occupants of the house or flat.
- Contact customer services for assistance.

Note:

- Leaking refrigerant accumulates on the floor and inhalation may cause suffocation.
- Contact with the skin can cause frostbite.
- Only qualified specialists are authorised to carry out work on the refrigerant circuit in accordance with §5 ChemKlimaSchutzV. You must not carry out any work on the refrigerant circuit yourself.

Maintenance information

Do not attempt to dismantle the system yourself: dismantling the product, handling the refrigerant, oil and other components 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 queries or encounter faults, and cannot find the information you need in this user manual, please contact one of our customer service centres or the retailer directly. If you have any questions, please contact customer services.

Explanation of symbols displayed on the indoor or outdoor unit

	Warning	The refrigerant used is flammable. Stop using the unit immediately in the event of a leak.
	Caution	Please read the manual carefully.
	Caution	This unit must only be handled by maintenance staff, who should refer to the installation manual.
	Caution	
	Information	Refer to the manual.

! Note:

Minimum room size – Flammable refrigerant

- The appliance has been designed with your safety in mind. If used correctly, there is no cause for concern.
- However, as a precaution, the appliance must only be used or stored in a well-ventilated area.
- The appliance must be placed, used and stored in a room with a floor area of at least 4 m².

! Warning

- Do not use any methods to speed up the defrosting process or for cleaning, other than those recommended by the manufacturer.
- The appliance must be stored in a room free from any continuously operating sources of ignition (e.g. open flames, a gas appliance in operation or a plugged-in electric heater).
- Do not drill into the appliance or set it alight.
- Ensure that the necessary ventilation openings are not blocked.
- Maintenance must only be carried out in accordance with the manufacturer's recommendations.
- Avoid excessive vibrations or pulsations in the refrigeration pipework.
- Protective devices, pipework and fittings must be protected as far as possible against adverse environmental effects, such as the risk of water accumulating and freezing in drain pipes, or the build-up of dirt and debris.
- The unit must be stored in such a way as to prevent any mechanical damage.
- Internal fittings and pipes must be protected so that accidental damage to the equipment cannot occur during the moving of furniture or building work.



Warning: Fire hazard
of fire/flammable
materials

General information and safety advice: information on refrigerants

1. Checks in the work area

Before working on systems containing flammable refrigerants, safety checks are required to ensure that the risk of fire is minimised. When repairing the refrigeration system, the following precautions must be observed before carrying out any work on the system.

2. Work procedure

The work must be carried out in accordance with a controlled procedure in order to minimise the risk of flammable gases or vapours being present whilst the work is being carried out.

3. General work area

All maintenance staff and other persons working in the immediate vicinity must be informed of the nature of the work being carried out. Work in confined spaces must be avoided. The area around the work area must be cordoned off. Ensure that conditions in the area have been made safe by checking for flammable materials.

4. Checking for the presence of refrigerant

The area must be checked using a suitable refrigerant detector before and during the work to ensure that the technician is aware of any potentially flammable atmospheres. Ensure that the leak detection equipment used is suitable for use with flammable refrigerants, i.e. that it does not produce sparks, is properly sealed or is intrinsically safe.

5. Availability of a fire extinguisher

If hot work is to be carried out on refrigeration equipment or any associated parts, suitable fire-extinguishing equipment must be available. Install a dry powder or CO₂ fire extinguisher near the recharging area.

6. No sources of ignition

Any person carrying out work on a refrigeration system that involves exposing pipework containing, or having contained, a flammable refrigerant is prohibited from using sources of ignition that present a risk of fire or explosion. All potential sources of ignition, including smoking, must be kept at a sufficient distance from the site of installation, repair, removal and disposal, during which a flammable refrigerant may potentially be released into the surrounding area. Before work commences, the area around the equipment must be inspected to ensure there is no risk of flammability or ignition. NO SMOKING signs must be displayed.

7. Ventilated area

Ensure that the area is open to the open air or is adequately ventilated before entering the system or carrying out hot work. A certain level of ventilation must be maintained for the duration of the work. The ventilation must safely disperse any refrigerant released and, preferably, expel it outdoors into the atmosphere.

8. Checks on refrigeration equipment

When electrical components are replaced, they must be suitable for the intended use and comply with the correct specifications. The manufacturer's maintenance and servicing guidelines must be followed at all times. If in doubt, please consult the manufacturer's technical department for assistance. The following checks must be carried out on systems using flammable refrigerants:

- the size of the load is appropriate for the space in which the components containing the refrigerant are installed;
- ventilation units and outlets are functioning correctly and are not obstructed;
- if an indirect refrigeration circuit is used, the secondary circuits must be checked for the presence of refrigerant; equipment markings must remain visible and legible;

- any illegible markings or signage must be corrected;
- Refrigeration pipes or components shall be installed in a location where they are unlikely to be exposed to any substance likely to corrode components containing refrigerant, unless the components are made of materials that are inherently corrosion-resistant or are adequately protected against such corrosion.

9. Checks on electrical equipment

The repair and maintenance of electrical components must include initial safety checks and component inspection procedures. If there is a fault that could compromise safety, no power supply must be connected to the circuit until it has been satisfactorily rectified. If the fault cannot be rectified immediately but it is necessary to continue operating the equipment, a suitable temporary solution must be implemented.

This must be reported to the owner of the equipment so that all parties are informed. Initial safety checks must include:

- ensure that the capacitors are discharged: this must be done safely to avoid any risk of sparks;
- that no live electrical components or wiring are exposed during the charging, recovery or purging of the system;
- that there is continuity in the earth connections.

10. Repairs to sealed components

10.1 When repairing sealed components, all power supplies must be disconnected from the equipment being worked on before removing sealed covers, etc. If it is absolutely necessary to supply power to the equipment during maintenance, then a form of continuous leak detection must be situated at the most critical point to warn of a potentially dangerous situation.

10.2 Particular attention must be paid to the following points to ensure that, when working on electrical components, the enclosure is not modified in any way that could affect the degree of protection. This includes damage to cables, an excessive number of connections, terminals not manufactured to the original specifications, damage to seals, incorrect fitting of cable glands, etc.

- Ensure that the unit is correctly installed.
- Ensure that the seals or sealing materials have not deteriorated to the point where they no longer prevent the ingress of flammable atmospheres. Spare parts must comply with the manufacturer's specifications.

NOTE: The use of a silicone-based sealant may impair the effectiveness of certain types of leak detection equipment. Intrinsically safe components do not need to be de-energised before work is carried out on them.

11. Repairing intrinsically safe components

Do not apply any permanent inductive or capacitive load to the circuit without ensuring that this will not exceed the permitted voltage and current for the equipment in use. Intrinsically safe components are the only types on which it is possible to carry out live work in the presence of a flammable atmosphere. The test equipment must be of the correct rating. Replace components only with parts specified by the manufacturer. Other parts may cause the refrigerant present in the atmosphere to ignite as a result of a leak.

12. Wiring

Check that the cabling will not be subjected to wear and tear, corrosion, excessive pressure, vibrations, sharp edges or any other adverse environmental effects. The inspection must also take into account the effects of ageing or continuous vibrations from sources such as compressors or fans.

13. Detection of flammable refrigerants

Potential sources of ignition must under no circumstances be used to search for

or detect refrigerant leaks. Halide torches (or any other detector using an open flame) must not be used.

14. Methods for detecting leaks

The following leak detection methods are considered acceptable for systems containing flammable refrigerants. Electronic leak detectors must be used to detect flammable refrigerants, but their sensitivity may not be adequate or may require recalibration. (Detection equipment must be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and that it is suitable for the refrigerant. Leak detection equipment must be set to a percentage of the refrigerant's LEL and must be calibrated for the refrigerant in use, with the appropriate gas percentage (maximum 25 per cent) confirmed. Leak detection fluids can be used with most refrigerants, but the use of chlorine-containing detergents must be avoided as chlorine can react with the refrigerant and corrode copper pipework. If a leak is suspected, all open flames must be removed or extinguished. If a refrigerant leak requiring brazing is detected, all the refrigerant must be recovered from the system or isolated (using shut-off valves) in a section of the system away from the leak. Oxygen-free nitrogen (OFN) must then be purged through the system before and during the brazing process.

15. Removal and disposal

When introducing refrigerant into the refrigeration circuit to carry out repairs or for any other reason, standard procedures must be followed. However, it is important to follow best practice as flammability is a factor that must be taken into account. The following procedure must be followed:

- remove the refrigerant;
- purge the circuit with inert gas;
- evacuate;
- purge again with inert gas;
- open the circuit by cutting or brazing.

The refrigerant charge must be recovered into suitable recovery cylinders. The system must be flushed with OFN to ensure the safety of the unit. It may be necessary to repeat this process several times. Compressed air or oxygen must not be used in refrigerant systems. Flushing must be carried out by breaking the vacuum in the system using the OFN and continuing to fill it until operating pressure is reached, then venting the air to atmosphere and finally drawing it down to a vacuum. This process must be repeated until there is no refrigerant left in the system. When the final OFN charge is used, the system must be vented to atmospheric pressure to allow work to be carried out. This is absolutely essential for brazing the pipework. Ensure that the vacuum pump outlet is not near any source of ignition and that adequate ventilation is available.

16. Charging procedures

In addition to standard recharging procedures, the following requirements must be met:

- Ensure that cross-contamination between different refrigerants does not occur when using the recharging equipment. Pipes or hoses must be as short as possible in order to minimise the amount of refrigerant they contain.
- The cylinders must be kept upright.
- Ensure that the refrigeration system is earthed before charging it with refrigerant.
- Label the system once charging is complete (if this has not already been done).
- Extreme care must be taken not to overfill the refrigeration system.

Before recharging the system, it must undergo a pressure test using OFN. The system must undergo a leak test at the end of the charging process, but before commissioning. A follow-up leak test must be carried out before leaving the site.

17. Dismantling

Before carrying out this procedure, it is essential that the technician is fully familiar with the equipment and all its details. It is recommended that all refrigerants be safely recovered. Before carrying out the task, a sample of oil and refrigerant is taken in case analysis is required before the recovered refrigerant can be reused. It is essential that the power supply is available before the task begins.

- a) Familiarise yourself with the equipment and how it works.
- b) Isolate the system electrically.
- c) Before attempting the procedure, ensure that:
 - mechanical handling equipment is available, if necessary, for handling the refrigerant cylinders;
 - all personal protective equipment is available and used correctly;
 - the recovery process is supervised at all times by a competent person;
 - the recovery equipment and cylinders comply with the relevant standards.
- d) Pump down the refrigeration system, if possible.
- e) If it is not possible to create a vacuum, construct a manifold so that the refrigerant can be removed from the various parts of the system.
- f) Ensure that the cylinder is placed on the scales before proceeding with recovery.
- g) Start the recovery machine and operate it in accordance with the manufacturer's instructions.
- h) Do not overfill the cylinders. (No more than 80 per cent of the cylinder's capacity by volume).
- i) Do not exceed the cylinder's maximum working pressure, even temporarily.
- j) Once the cylinders have been correctly filled and the process is complete, ensure that the cylinders and equipment are promptly removed from the site and that all isolation valves on the equipment are closed.
- k) The recovered refrigerant must not be charged into another refrigeration system unless it has been cleaned and checked.

18. Labelling

The equipment must be labelled to indicate that it has been taken out of service and emptied of all refrigerant. The label must be dated and signed. Ensure that the equipment is labelled to indicate that it contains a flammable refrigerant.

19. Recovery

When removing refrigerant from a system, whether for maintenance or decommissioning, it is recommended that all refrigerant be safely removed.

When transferring refrigerant into cylinders, ensure that only suitable refrigerant recovery cylinders are used. Ensure that the correct number of cylinders is available to maintain the system's total charge. All cylinders to be used must be intended for recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for refrigerant recovery). The cylinders must be fitted with a pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, where possible, cooled prior to recovery. The recovery equipment must be in good working order, with a set of instructions for the equipment available, and must be suitable for the recovery of flammable refrigerants. In addition, a set of calibrated scales must be available and in good working order. Hoses must be complete with leak-proof disconnect couplings and in good condition. Before using the recovery machine, check that it is in good working order, that it has been properly maintained and that all associated electrical components are sealed to prevent any fire in the event of a refrigerant leak. Consult the manufacturer if in doubt.

The recovered refrigerant must be returned to the refrigerant supplier in the

recovery cylinder, and the corresponding waste transfer note must be arranged. Do not mix refrigerants in recovery units and certainly not in cylinders.

If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to ensure that no flammable refrigerant remains in the lubricant. The evacuation process must be carried out before returning the compressor to the suppliers. Only electric heating of the compressor casing should be used to speed up this process. When oil is drained from a system, this operation must be carried out safely.

20. Transport, labelling and storage of units

- i. Transport of equipment containing flammable refrigerants
 - Compliance with transport regulations.
- ii. Labelling of equipment with signs
 - Comply with local regulations.
- iii. Disposal of equipment using flammable refrigerants
 - Compliance with national regulations.
- iv. Storage of equipment/devices
 - The storage of the appliance must comply with the applicable regulations or instructions, whichever are the strictest.
- v. Storage of packaged (unsold) goods
 - The protective packaging used for storage must be designed in such a way that any mechanical damage to the equipment inside the packaging does not result in a leak of the refrigerant charge. The maximum number of units that may be stored together is determined by local regulations.

Specifications

Product model	MMCS-09HRN8-QRD0	MMCS-12HRN8-QRD0
Power supply	220–240 V AC, 50 Hz, single-phase	220–240 V AC, 50 Hz, single-phase
Nominal cooling capacity	2.6 kW	3.5 kW
Nominal heating capacity	2.9 kW	3.5 kW
Max. current	10 A	10 A
Outdoor unit protection class	IPX4	IPX4
Energy efficiency / SEER	A++ / 6.1	A++ / 6.1
Energy efficiency / SCOP	A+ / 4.0	A+ / 4.0
Refrigerant charge	R32, 0.62 kg	R32, 0.62 kg
CO ₂ equivalent	0.42 T	0.42 T
Max. operating pressure	4.4 MPa	4.4 MPa
Maximum workpiece area	32 m ² / 78 m ³	42 m / 105 m ³
Indoor unit dimensions (HxWxD)	646 mm x 518 mm x 340 mm	646 mm x 518 mm x 340 mm
Outdoor unit dimensions (HxWxD)	438 mm x 500 mm x 260 mm	438 mm x 500 mm x 260 mm
Net weight	45.5 kg	45.5 kg
Internal sound pressure level	49/47/44/39 dB	49/47/44/39 dB
Internal sound power level	59 dB(A)	59 dB(A)

To begin with

Note: Operating temperature

Do not use the unit outside the temperature ranges specified below, as this may damage it. If the outdoor temperature falls below 0 °C, check that there is no ice build-up on the base plate (the bottom plate of the outdoor unit). If there is ice, switch off the unit immediately, as continued use will damage it.

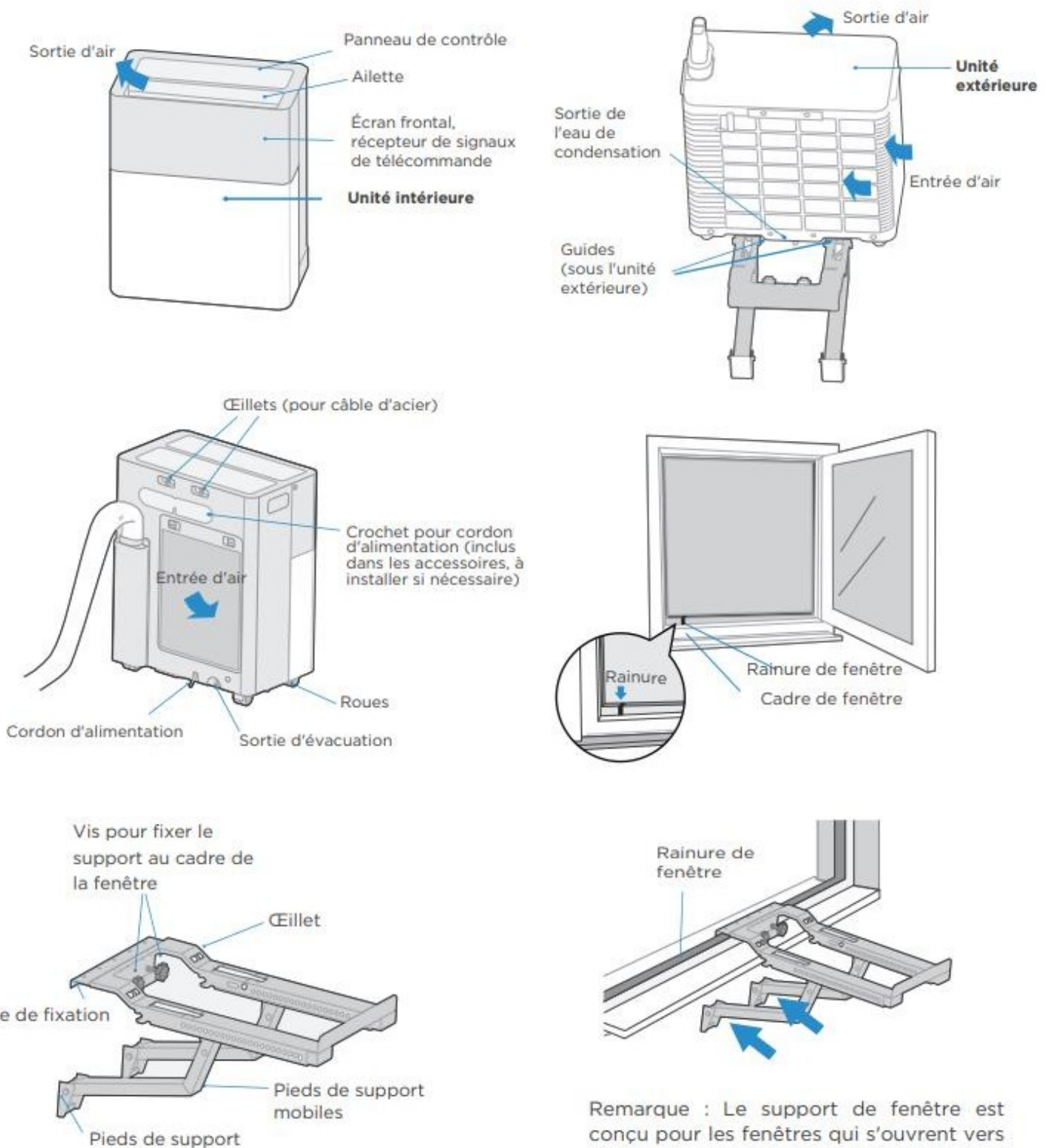
Temperature range for normal operation

Mode	Indoor temperature range	Outdoor temperature range
Heat	5 to 30 °C (41 to 86 °F)	-10 to 24 °C (14 to 77 °F)
Cold	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

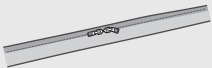
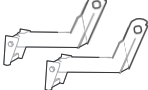
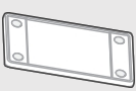
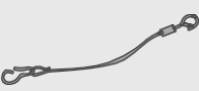
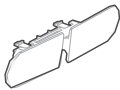
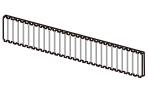
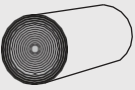
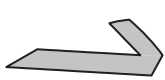
● Note: Illustrations

The illustrations in this manual are for explanatory purposes only. The actual design of your indoor unit may differ slightly.



Accessories

The air conditioner is supplied with the following accessories. Incorrect installation may result in water leaks, electric shocks, fires or damage to the unit.

Accessories	Quantity	Image	Accessories	Quantity	Image
Manual	1–2		Remote control	1	
Window locks	1		Batteries (depending on the country, may not be included)	2	
Hook and loop fasteners	1		Mounting bracket	1	
Drain pipe, connector and seal	1		Window sealing fabric	1	
Rubber wheel stop	2		Shorter support feet	2	
Protective plate	1		Steel cable	1	
Power cable hook	1		HEPA filter (optional)	1	
Eyelet for outdoor unit	1		Insulating sponge	1	
Sealing foam for windows	1				

The following equipment is recommended:



Gloves



A tape measure



Scissors or a knife

How to use your PortaSplit

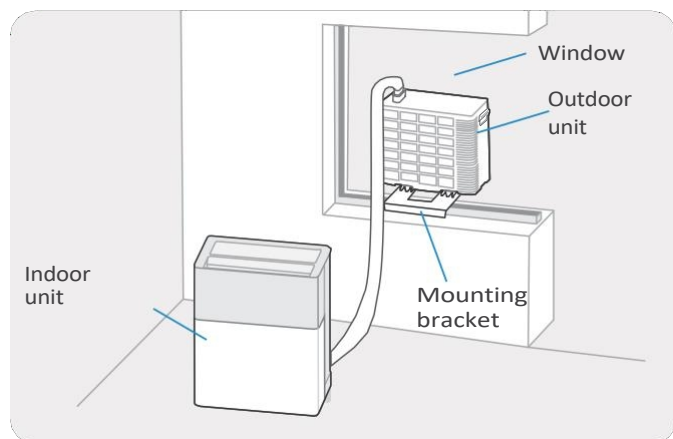
All modes

The indoor unit is designed for indoor use only. Outdoor use is prohibited.

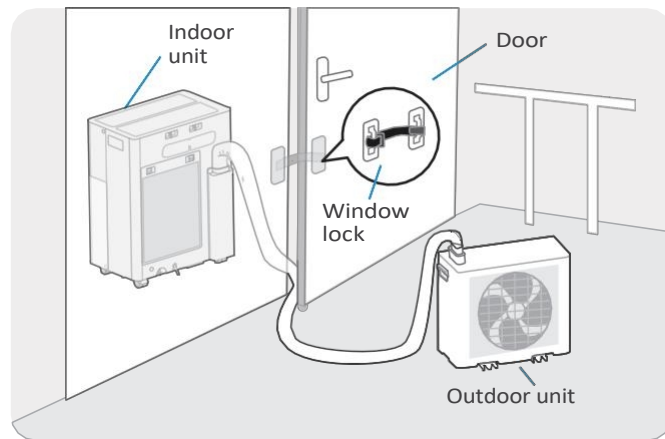
Heating / Cooling

The outdoor unit **MUST** be placed outdoors. This configuration also works in DRY mode and fan mode.

Window installation



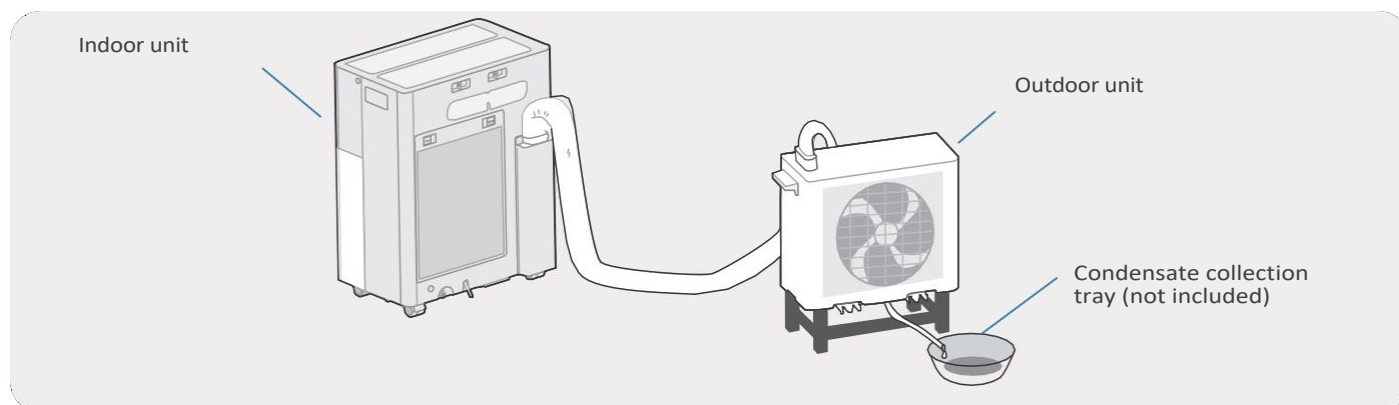
Terrace installation



Fan / Dry (dehumidification)

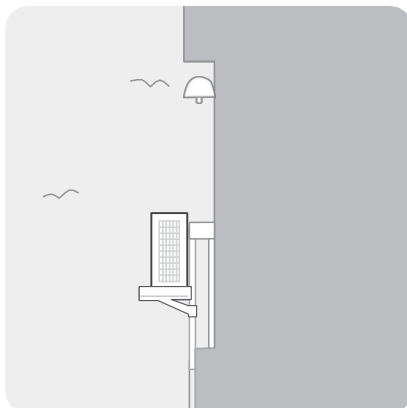
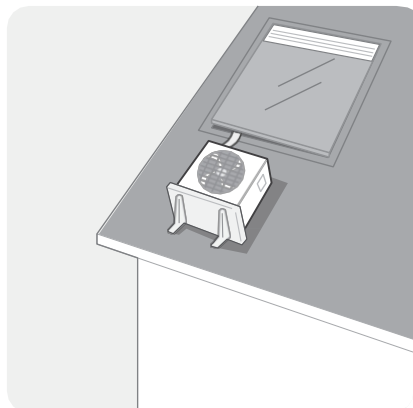
These modes operate in the configurations shown above, but can also be used with both units indoors. Please note that Dry mode produces condensation from the outdoor unit. Use the drain hose to direct the water to a suitable location (the hose must be positioned below the drain outlet).

Both indoor units (not possible for heating/cooling)

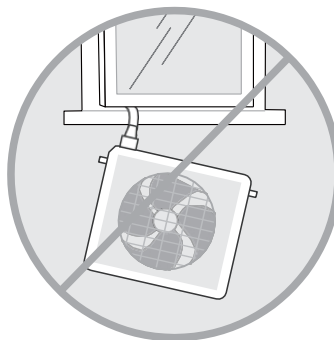
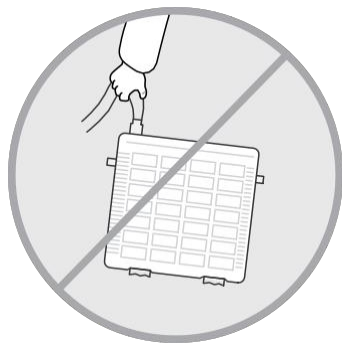


Other applications

Balconies, roof windows and other locations. Please note that these require a universal bracket (sold separately).

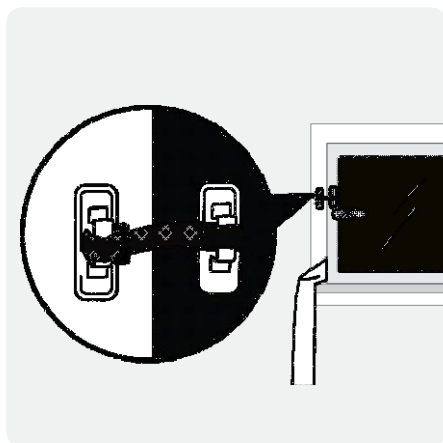
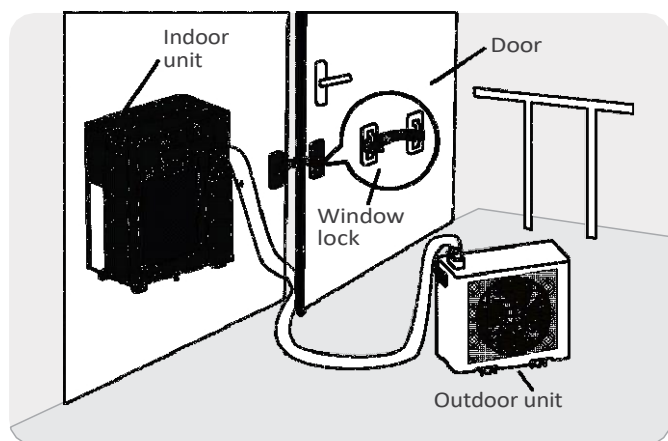


Product installation



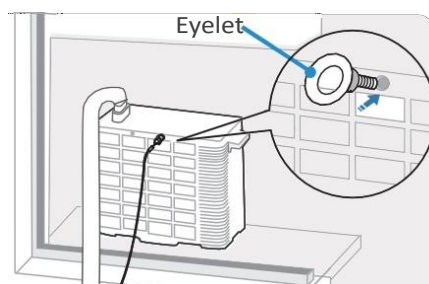
Standard installation

To use the heating or cooling function, place the outdoor unit outside. A window lock is included to hold the window or door in place and prevent too much air from escaping. Plug in the indoor unit and you're all set!



Note: Ensure there is sufficient space outside next to your window or door to install the outdoor unit. Ensure that the installation surface is level. The outdoor unit is fitted with an eyelet (included in the box) for added security to prevent any movement caused by unevenness in the ground surface.

Do not suspend the unit from the steel cable.



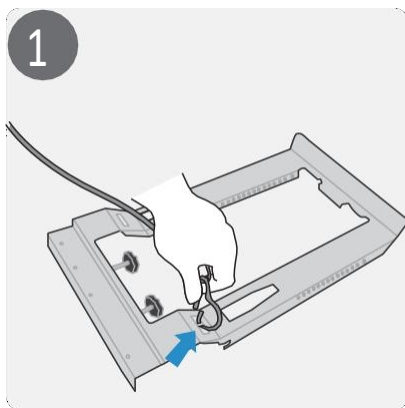
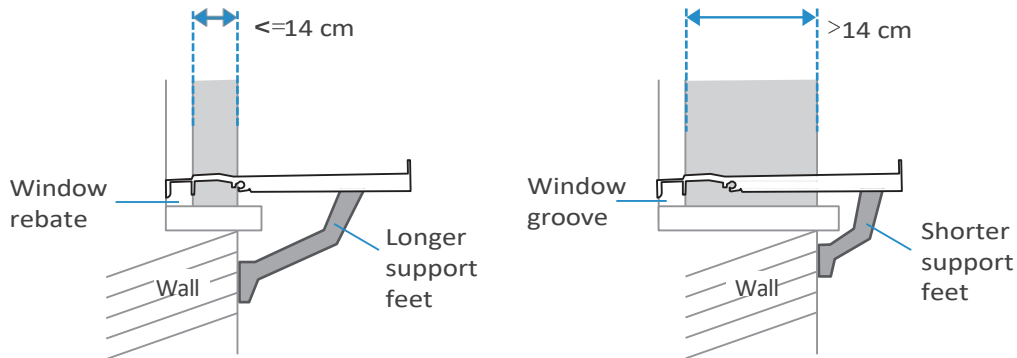
Installing the bracket

Precaution

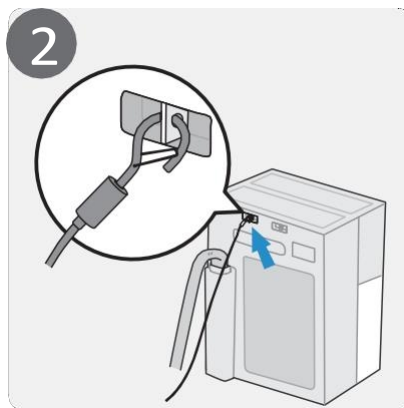
To prevent serious injury to people below or damage to property, the bracket must be secured with the steel cable provided before installation. Furthermore, throughout the entire process of installing the bracket, it must always be held with one hand to prevent it from falling.

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

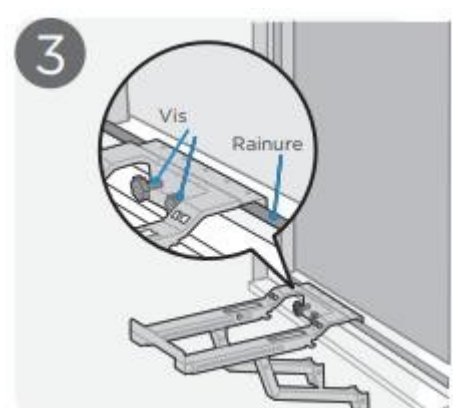
If the distance between the outside of the window rebate and the outside of the wall, as shown below, is greater than 14 cm, you may need to use the shorter support feet provided.



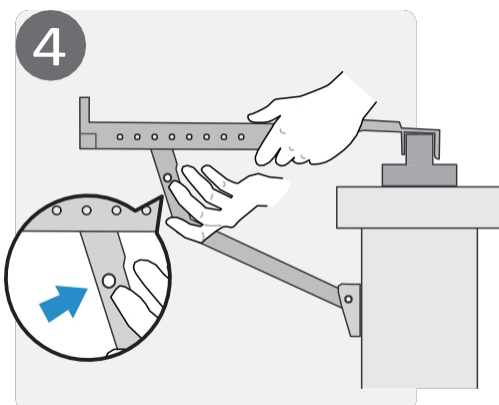
Attach one end of the steel cable supplied to the eyelet on the support.



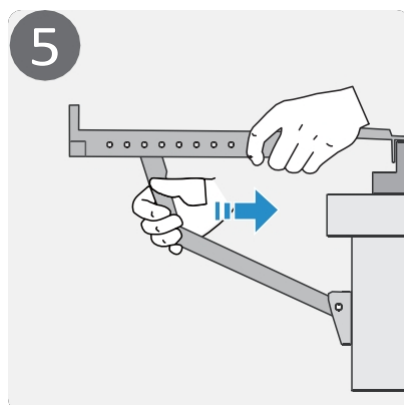
Secure the other end of the cable to the steel eyelet at the rear of the indoor unit.



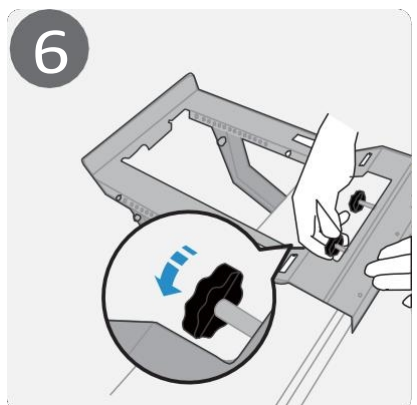
Place the bracket's mounting area onto the window groove. Pre-tighten the screws to ensure stability.



Push the clip buttons in the support feet inwards to release the locking pins in the bracket.

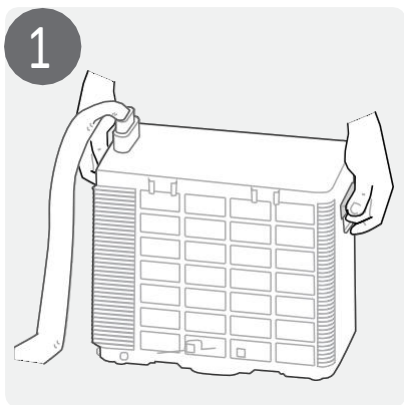


Pull the bracket legs until they are flush against the wall. Try to keep the bracket roughly level (+/-2°).

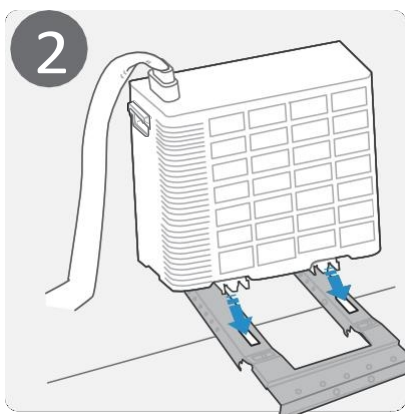


Tighten the screws in the fixing area until they are firmly secured against the window groove.

Installing the outdoor unit

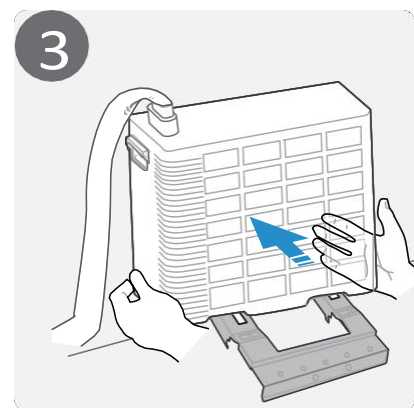


Lift the outdoor unit with both hands using the handles provided.



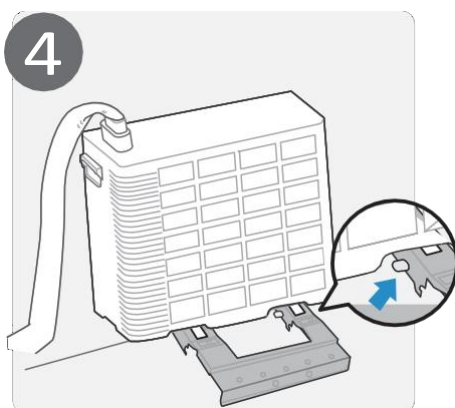
There are guides on the underside of the outdoor unit.

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

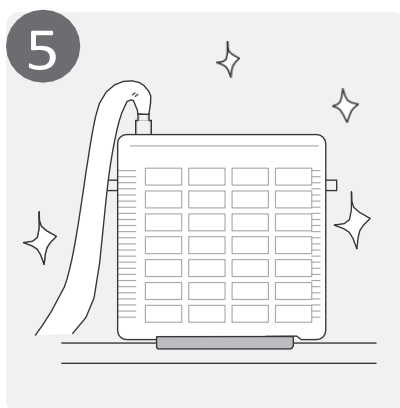


Make sure the guides are inserted into the corresponding holes.

Place your hands in the middle of the unit, on either side. Gently push the unit forwards without tilting it.



The pins should click into place. Check that they have passed through the bracket and lock 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.

Check that it is securely in place by gently trying to move it. The steel cable can now be removed from the bracket.

Note:

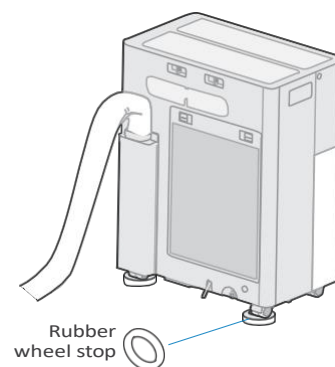
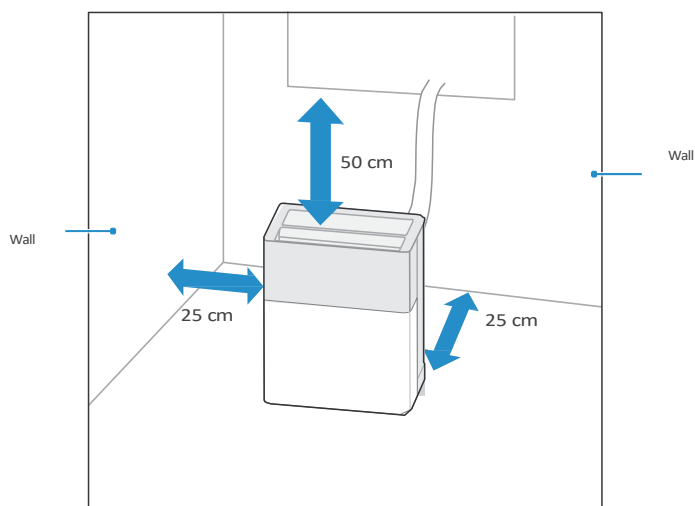
It is normal for the unit to produce condensation whilst in operation. The condensate must be able to drain away via the condensate outlet on the outdoor unit. A drain hose may be used to channel the water, but the hose must always be lower than the outlet. For further information, see the section 'Condensate'.

Positioning the indoor unit

Do not cover the air inlets or outlets on the units, as this could damage them.

The rear of the PortaSplit indoor unit must be positioned at least 25 cm from the wall during use to allow for adequate ventilation of the unit. There must be no obstructions within 50 cm of the top of the unit.

Note: If you wish to keep the unit stationary, you can place the two rubber wheel stops from the accessories bag under the rubber wheels.

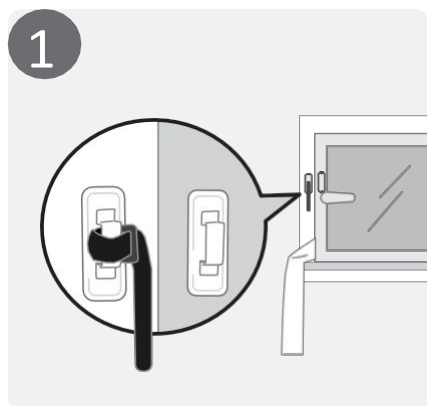


Fitting the window lock (optional)

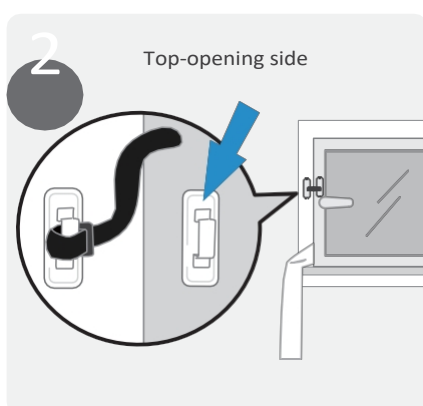
Note:

If you prefer not to use the window sealing fabric, a window locking system is provided to minimise the gap around the window.

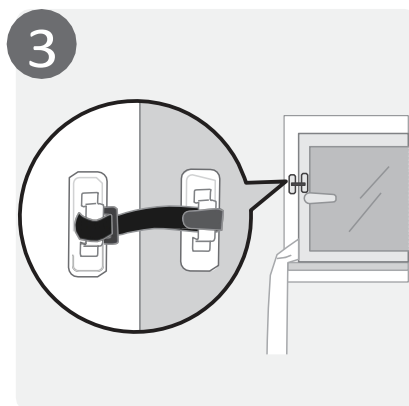
Decide where to install the window locking system. Ideally, position it away from the window handle whilst keeping it within easy reach. See the example below for a typical location.



Stick one plastic bracket to the window frame and the other to the window sash.



Thread the strap through the second plastic bracket on the window sash.



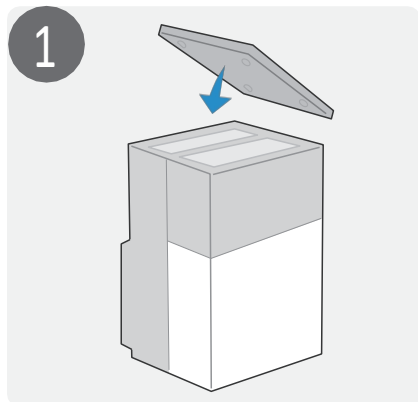
Fold the strap back on itself and stick the hook and loop together.



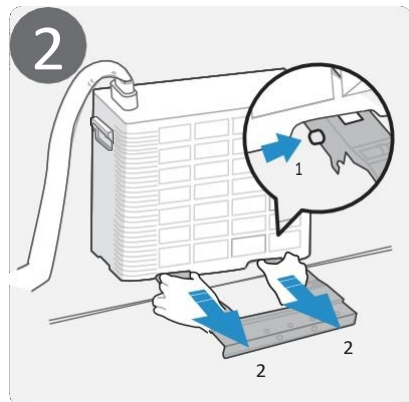
Removing the outdoor unit

Note:

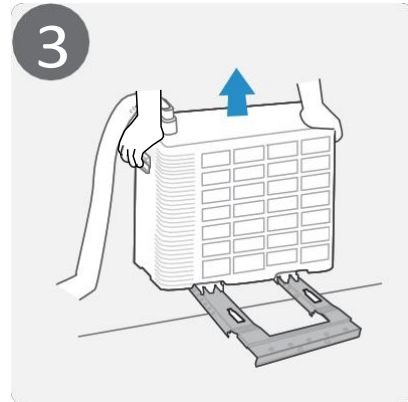
If you are not using the unit for an extended period or are moving it to another location, follow these steps to remove the outdoor unit.



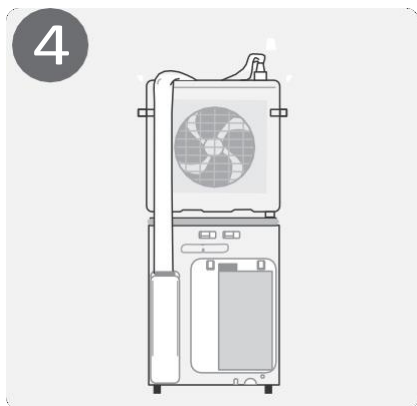
Place the protective plate on top of the indoor unit.



Using your thumbs, push in the locking pins (on both rails). Pull the guides towards you.



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



Place the outdoor unit on the protective base plate.

Warning

- Please carry the unit
- This should not be done
- Place it on a flat surface

Note:

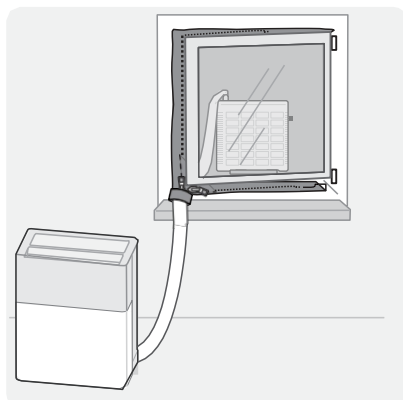
For most types of windows, the window can be closed even when the bracket is fitted. If you wish to remove the bracket, attach the steel cable, unscrew the two screws and simply lift the bracket to bring it back inside. When removing the bracket, always hold it with at least one hand to prevent it from falling.



Fitting the sealing strip (optional)

Note:

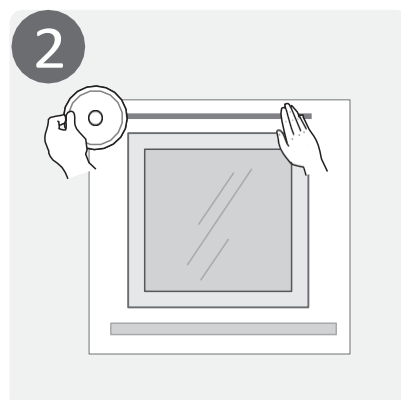
For better insulation, a window sealing strip is provided. You can fit it and feed the refrigerant pipe through the zip. To prevent rainwater from entering the room via the refrigerant pipe on rainy days, wrap the sealing sponge from the accessories around the refrigerant pipe, as shown in the image below.



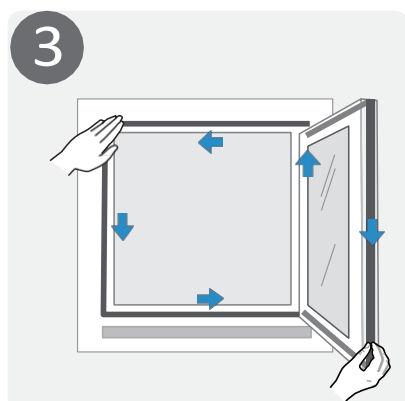
Example of a sealing strip installed.



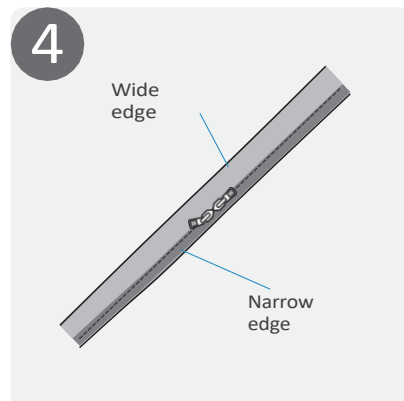
You will need a pair of scissors to fit the Velcro strips. Uninstall the outdoor unit if it is installed. However, the bracket may remain in place.



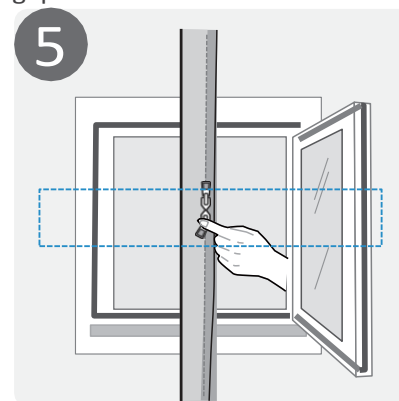
Make sure the window frame window is clean. Close the window. Measure and cut the strips to the length of the sash and window frame, along the sides where there will be a gap.



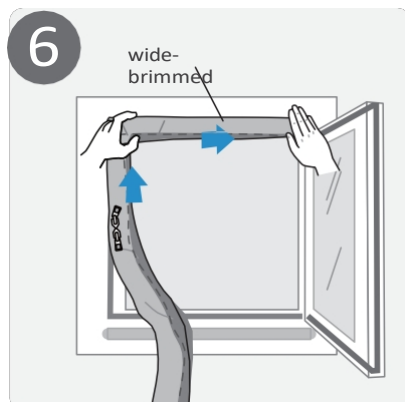
Stick the strips onto the frame and the window frame. It may be easier to align them whilst the window is closed.



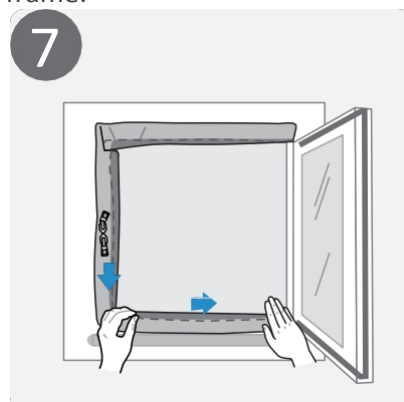
The sealing fabric is asymmetrical along the length of the zip. The narrower side should be placed along the window sash and the wider side along the window frame.



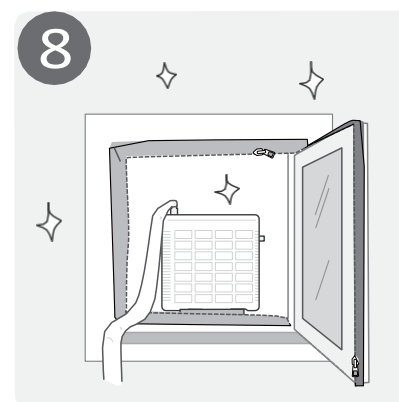
Align the centre of the sealing strip with the centre of the opening side of the window frame. Remember to secure the wide edge to the window frame.



Join the hook and the loop from the centre upwards, then along the top edge.



Then proceed in the same for the lower and bottom edges. Repeat the process for the narrow edge and the window frame.



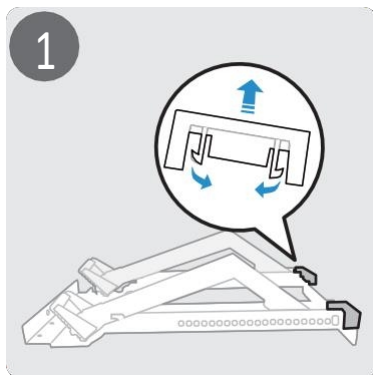
Reinstall the outdoor unit in accordance with the section 'Installing the outdoor unit'. Close the sealing fabric and you're all set.



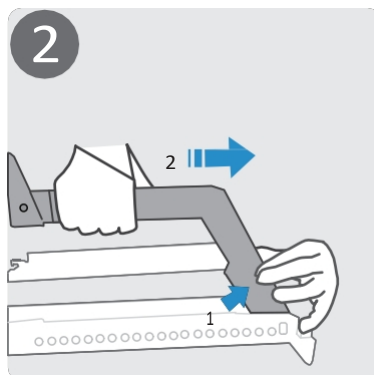
Fitting shorter support feet (optional)

Note:

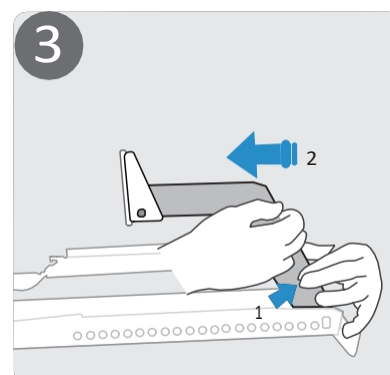
For most window profiles, the support feet supplied are suitable. For windows where the distance between the window rebate and the wall is greater (approximately 14 cm), the support feet can be replaced with the shorter support feet supplied.



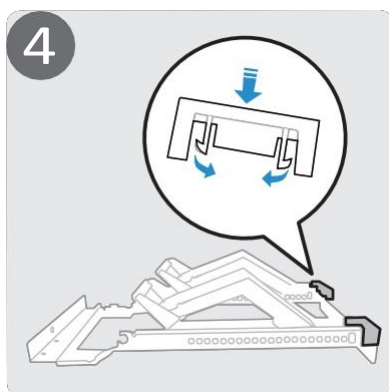
Remove the safety stop at the end of the bracket. To do this, release the locking mechanisms.



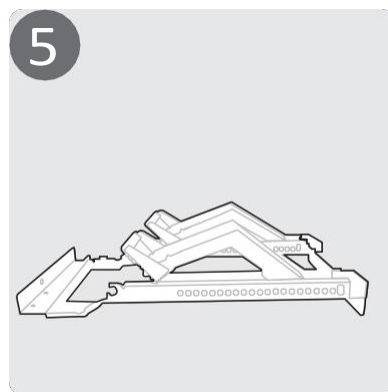
Press the clip buttons in the support feet to release the locking pins and slide the support feet outwards.



Slide the shorter support legs inwards.



Refit the safety stop.



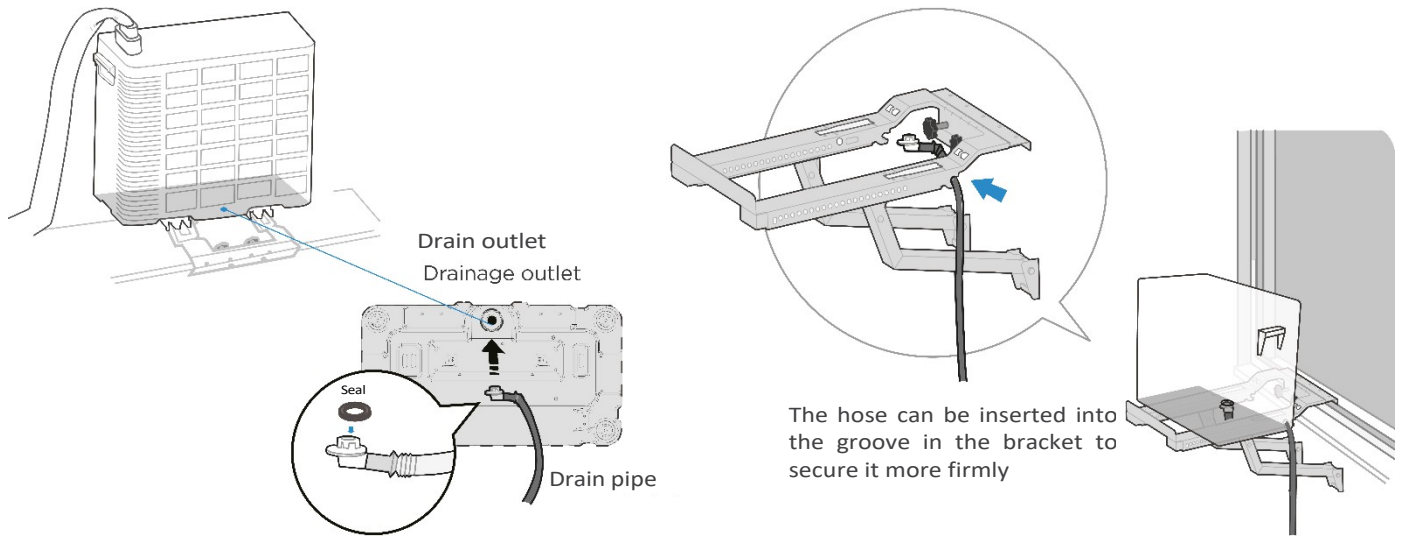
The bracket is now ready for installation.



Condensate

During heating and cooling operations, condensation is drained via the outdoor unit's drain outlet, located at the base of the unit.

Insert the drain pipe into the drain hole at the base of the unit. It will click into place. Adjust the drain pipe if necessary to ensure that the condensate is directed to a suitable location.

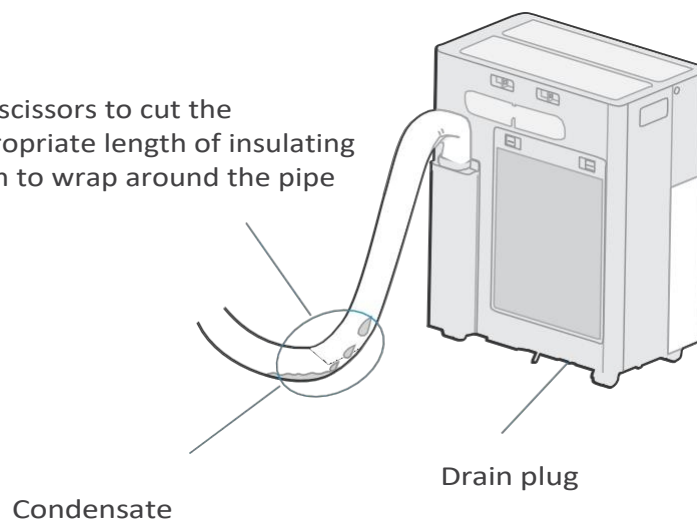


Note:

It is normal for the indoor unit to produce condensation. This is contained within the unit and automatically pumped to the outdoor unit. The indoor unit also has a drain outlet, which allows you to manually drain any condensate that has not yet been pumped to the outdoor unit, if you wish. For example, before storing the unit or in the event of a fault with the water pump.

Finally, in heating mode, condensation may also accumulate on the pipe between the indoor and outdoor units. This cannot be drained by the system. Check the pipe regularly and wipe it down if necessary. To prevent condensation from dripping onto the floor of the room, wrap the insulating sponge provided in the accessory around the pipe.

Use scissors to cut the appropriate length of insulating foam to wrap around the pipe



Instructions for use

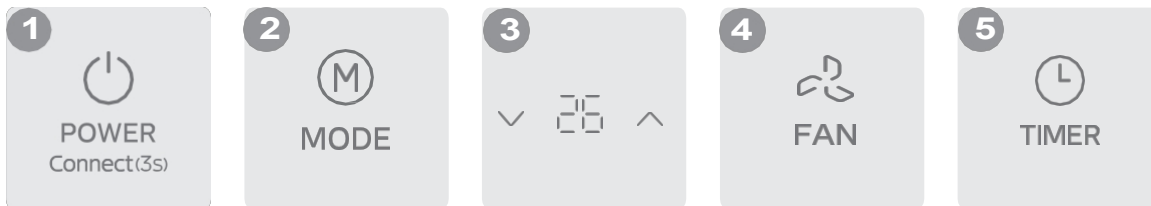


Quick start guide

Once installed, the device is ready for use. Simply plug it directly into a mains socket and operate it via the control panel, the supplied remote control or the SmartHome app.

Control panel:

1. Press the power button to switch the unit on.
2. The Mode button allows you to switch between Auto, Cool, Heat, Dry and Fan modes.
3. Use the temperature control buttons to set the desired temperature (does not apply to fan or dehumidification modes).
4. The fan speed button allows you to adjust the fan speed.
5. The timer button allows you to set the air conditioner to switch on or off after a certain period of time.



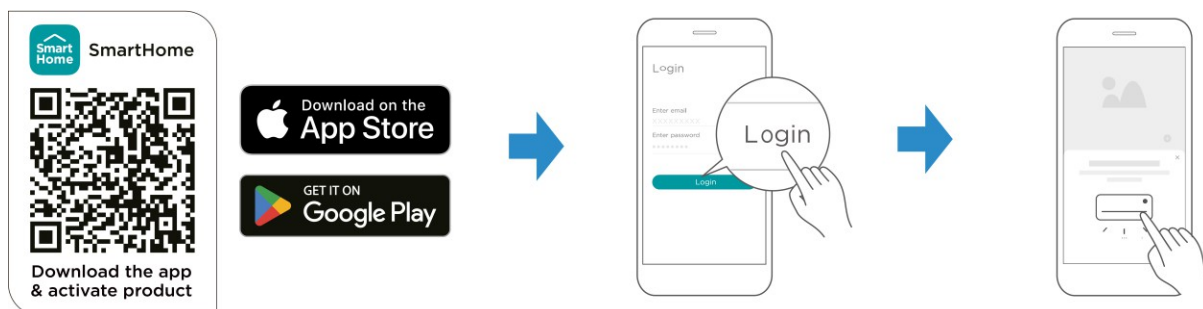
Remote control:

1. Insert the batteries to power the remote control (not included in all regions).
2. Point the remote control at the air conditioner and press the Power button to switch it on.
3. The Mode button allows you to switch between cooling, heating, drying and fan-only modes.
4. Use the temperature control buttons to set the desired temperature.
5. The fan speed button allows you to adjust the fan speed.
6. The timer button allows you to switch the air conditioning on or off after a certain period of time.



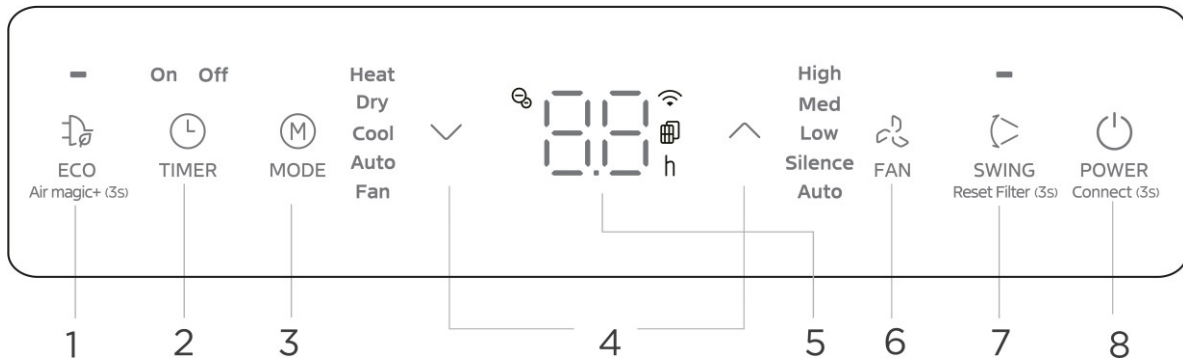
Control via the SmartHome app:

1. Download the SmartHome app and create an account if you don't already have one.
2. Make sure Bluetooth is enabled on your phone and that you are connected to the Wi-Fi network.
3. Switch on the PortaSplit.
4. In the app, follow the on-screen instructions to set up your device.
5. Use the app to control the temperature, mode, fan speed and timer from anywhere.
6. There are many other features available in the app, such as scheduling, viewing energy consumption and much more.
7. For more detailed instructions on setting up your device, please refer to the 'SmartHome App' section below.





Control Panel – Detailed Guide



1

ECO button:

Enables or disables ECO mode.

In cooling mode, pressing this button automatically sets the temperature to 24 °C and sets the fan speed to Auto to save energy. In ECO mode, you can change the temperature but cannot set it below 24°.

Note: Press the ECO button again, change the mode or set the temperature to below 24 °C to stop ECO operation.

If ECO mode results in insufficient cooling, press the ECO button again to return to normal operation.

Depending on the model. Press and hold this button for 3 seconds to activate the ION function.

2

TIMER button:

Set the timer so that the appliance switches on or off after the desired time. When the appliance is off, pressing the the Timer button allows you to set a timer to switch the appliance on. After pressing the Timer button, use the up or down arrows to set the desired duration. You can then select the mode, temperature and fan speed.

When the appliance is running, pressing the timer button sets a timer to switch it off. After pressing the timer button, use the up or down buttons to set the desired duration.

Note: The up and down arrows adjust the duration in 30-minute increments. A maximum duration of 24 hours is possible.

Switch the appliance on and off to cancel the timer, or use the up/down buttons to change the duration or reset it to zero to cancel it.

3

MODE button:

Several modes are available: Auto, Cool, Heat, Dry and Fan.

Each time you press the Mode button, the unit switches to the next function.

4

Up and Down buttons:

In normal operation, these buttons are used to increase or decrease the temperature in 1° increments. Press and hold (for approximately 3 seconds) the Up and Down buttons simultaneously to switch between °C to °F.

5

Display window:

Depending on the function in use, it displays the temperature, timer settings, wireless mode or error codes.

It is not possible to adjust the temperature in Fan mode. The display shows the room temperature.

6

Fan button:

Select your desired fan speed, from low to high. You can also select 'Auto' to allow the unit to automatically control the fan speed.

Note: In Auto and Dry modes, the fan speed cannot be adjusted manually.

7

SWING button:

Use the Swing button to set the louvers to swing continuously or to stop them at the desired angle.

Note: After 250 hours of operation, the filter indicator light will come on.



See the 'Cleaning and Maintenance' section to find out how to remove and clean the filter.

Once the filter has been cleaned, press and hold the Swing button to reset the counter to zero.

8

Power button:

Switch the device on or off.

Press and hold the POWER button for 3 seconds to launch Access Point (AP) mode if prompted by the SmartHome app. The device will remain in AP mode for several minutes and will automatically return to normal mode.



Main operating modes

COOL

- Press the MODE button until the COOL indicator lights up.
- Press the Up or Down button to select the desired room temperature. The temperature can be set within a range of 16–30 °C / 60–86 °F.
- Press the FAN button to select the desired fan speed.

DRY

- Press the MODE button until the DRY indicator lights up.
- The fan speed or temperature cannot be adjusted. The fan motor operates at AUTO speed.

Note: Keep windows and doors closed for better dehumidification.

AUTO

- When you set the air conditioner to AUTO mode, it automatically selects cooling, heating or fan-only operation depending on the temperature you have selected and the room temperature. Not all models are equipped with a heating function.
- In AUTO mode, you cannot select the fan speed as the unit operates automatically to reach the desired temperature.

FAN

- Press the MODE button until the FAN indicator lights up.
- Press the FAN SPEED button to select the fan speed. The temperature cannot be adjusted in this mode.

HEAT (not all models)

- Press the MODE button until the HEAT indicator lights up.
- Press the + or - buttons to select the desired room temperature. The temperature range is between 16 and 30 °C / 60–86 °F.
- Press the FAN SPEED button to select the fan speed.



Note:

For other advanced functions, see the section 'Modes and settings' below.



Remote control

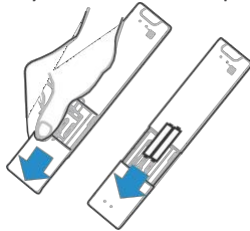


Inserting and replacing the batteries

The remote control requires 2 AAA batteries. These may or may not be supplied with your model.

Insert the batteries into the remote control before using it.

1. Slide the rear cover of the remote control downwards to reveal the battery compartment.
2. Insert the batteries, ensuring that the (+) and (-) terminals are aligned correctly.
3. Slide the battery cover back into place.



Remote control

- Direct sunlight may interfere with the infrared signal receiver.
- There must be a clear line of sight between the remote control and the air conditioner.
- If the remote control signals are affecting another device, move the device or contact customer services.



Battery performance

For optimum product performance:

- Do not mix used and new batteries, or batteries of different types.
- Do not leave the batteries in the remote control if you do not intend to use the device for more than two months.



Battery disposal

Do not dispose of batteries with unsorted household waste. Refer to local regulations for the correct disposal of batteries.

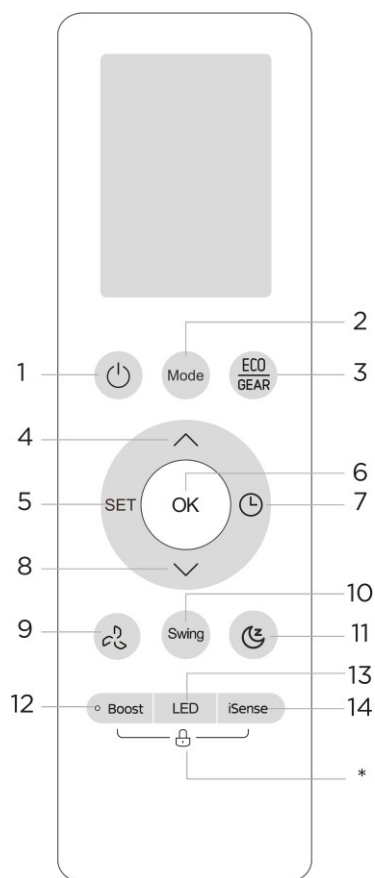
Batteries may feature a chemical symbol beneath the disposal icon. This chemical symbol indicates that the battery contains a heavy metal in concentrations exceeding a certain level. Pb is one such example: lead (>0.004%).

Used devices and batteries must be processed at a specialised facility for reuse, recycling and recovery. By ensuring they are disposed of correctly, you will help to prevent potential negative consequences for the environment and human health.





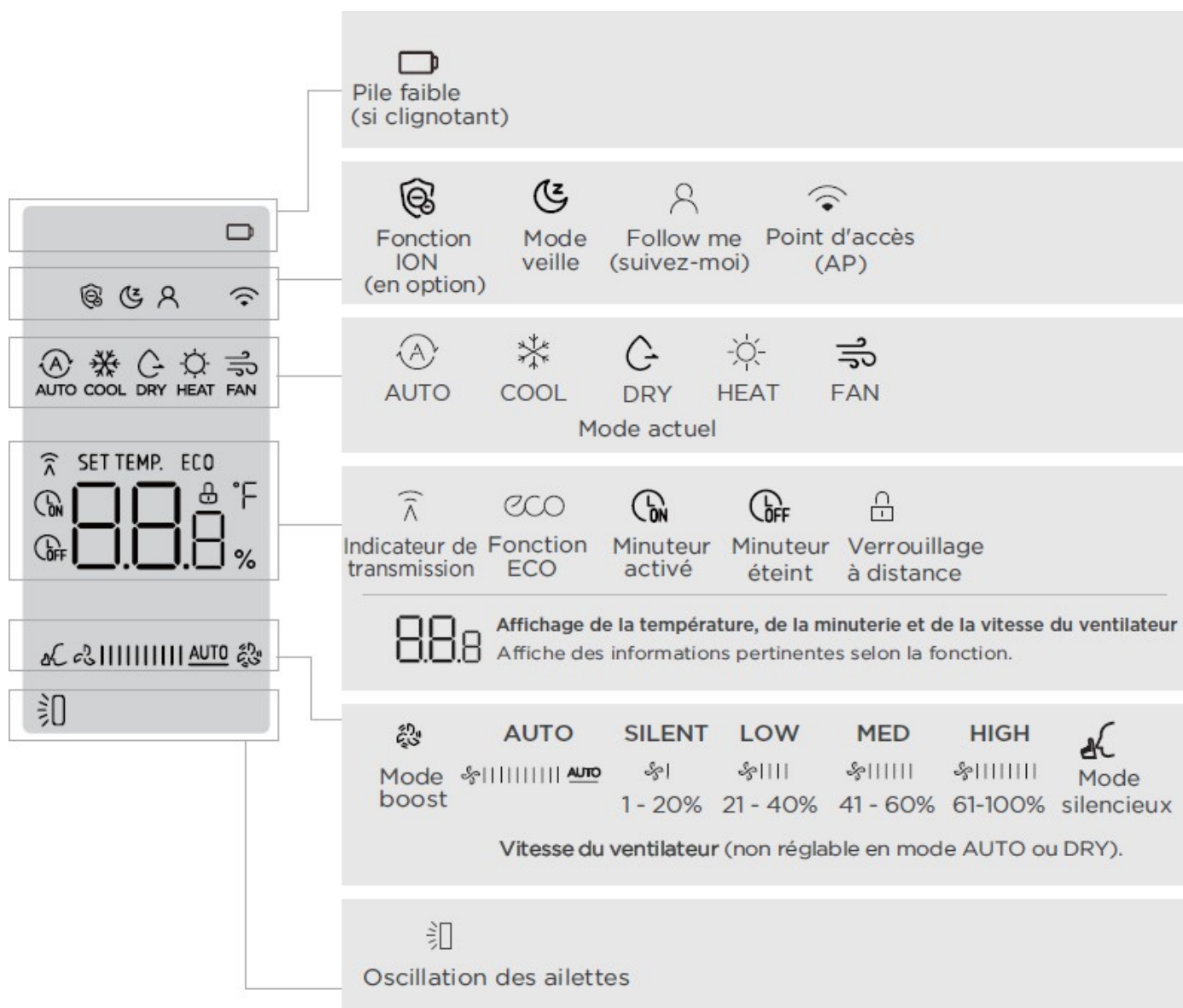
Remote control: buttons and functions



Description	
1	 On/Off Turns the device on or off.
2	 Mode Switches between Auto, Cool, Dry, Heat and Fan modes. The heat mode is only available on certain models.
3	 ECO/GEAR ECO: automatically reduces performance and energy consumption. GEAR: manually reduces performance and energy consumption.
4	 Temperature Up Increases the temperature in 1° increments. The maximum temperature setting is 30 °C (86 °F). Press the Up and Down buttons simultaneously for 3 seconds to switch between °C and °F.
5	 SET (SETTINGS) This function varies by region. The ION function, Air Magic+ mode and Access Point (AP) mode can be selected.
6	 OK Confirms the selected functions.
7	 Timer Sets the timer so that the appliance switches on or off after the desired time.
8	 Temperature Down (lower the temperature) Lowers the temperature in 1° increments. The minimum temperature setting is 16 °C (60 °F).
9	 Fan Speed Adjust the fan speed from low to high or set it to automatic mode. Press and hold this button to activate silent mode.
10	 SWING Starts or stops the continuous movement of the fan blades.
11	 Sleep (standby) The sleep cycle helps to save energy and improve comfort whilst you sleep. See the 'Modes and settings' section for more information. This function is not available in Ventilation and Dehumidification modes.
12	 Boost Allows the unit to reach the preset temperature as quickly as possible.
13	 LED Used to switch the LED display and audible feedback on or off.
14	 iSense Uses a thermostat in the remote control to monitor the room temperature and adjust performance accordingly.
*	Lock Remote (remote control lock – parental control) Press and hold the Boost and iSense buttons simultaneously to lock or unlock the remote control.



Remote control display indicators



Note:

When using the remote control, only relevant information is displayed. The indicators shown above are for illustrative purposes only.



Modes and settings – Detailed description

- **Air Magic+**

Depends on the model. Functions may include UV air treatment and air ionisation to improve air quality. This is particularly beneficial for people suffering from asthma or allergies.

These functions also help to purify the air, eliminate odours and reduce bacteria.

- **Automatic operating mode**

Set the desired temperature and select Auto mode. The unit automatically adjusts the temperature and fan speed.

To activate Auto mode: press the MODE button until the AUTO indicator lights up.

- **Boost**

The Boost function increases the fan speed and the cooling or heating output for a short period to quickly adjust the room temperature. It rapidly heats or cools the room. This function consumes more energy than normal operation.

To activate this function, press the Boost button on the remote control. Please note that the function is automatically deactivated once the set temperature is reached. To deactivate the function manually, press the Boost button on the remote control again.

- **Cooling mode**

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

- **Dry mode**

Dehumidification function. The PortaSplit unit removes excess moisture from the air, thereby 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: manually reduces performance and energy consumption.

In cooling mode, pressing this button automatically sets the temperature to 24 °C and sets the fan speed to Auto to

save energy. In ECO mode, you can change the temperature but cannot set it below 24°.

Note: Press the ECO button, change the mode or set the temperature to below 24 °C to switch off 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 the MODE button) to cycle through the available fan speeds: silent, low, medium, high and automatic. This function is available in HEAT, COOL and FAN modes.

- **Frost protection**

Protect the outdoor unit from damage caused by ice build-up.

Select heating mode. Lower the setpoint temperature to 16 °C. Wait a few seconds. Press the Down button on the remote control twice in quick succession.

The unit will display 'FP' and automatically adjust the fan speed and temperature to prevent icing.

- **Heating mode**

Heating function. Press the MODE button on the control panel or remote control until HEAT is selected.

Set the temperature and fan speed to your preference.

- **iECO**

Enjoy the benefits of energy savings without compromising on performance.

Advanced algorithms and temperature prediction make micro-adjustments to the unit's performance, fan speed and humidity settings to reach the desired temperature and optimise energy use.

iECO can only be activated via the SmartHome app, and the device must remain connected to the wireless network during this time.

- **ION**

Depending on the model. Air ionisation for improved air quality. This is particularly beneficial for people suffering from asthma or allergies. These functions also reduce odours and help to eliminate bacteria.

- **iSense**

This function uses a thermostat in the remote control. The output is adjusted based on this reading, rather than the thermostat on the indoor unit.

This allows for more precise temperature control and can be tailored to the location where the remote control is placed.

Press the iSense button on the remote control to enable or disable this function.

- **Lock Remote (remote control lock – parental control)** Press and hold the Boost and iSense buttons simultaneously to lock or unlock the remote control.

- **LED**

Do Not Disturb function. To avoid disruption caused by the LED lights and accompanying beeps when using the remote control, these can be disabled by pressing the LED button on the remote control. To re-enable them, simply press the button again.

- **Silent**

To operate the unit as quietly as possible (with reduced fan speed and power), press and hold the Fan button to enable or disable the Silent mode.

Press ON/OFF, Mode, Sleep or Boost to cancel.

- **Sleep function**

This makes it easy to programme the unit to increase or decrease the temperature at one-hour intervals. It is recommended that you reduce the heating or cooling setting as your body temperature changes whilst you sleep.

Set the cycle duration, after which normal operation resumes.

Note: The Sleep function is not available in FAN or DRY mode.

The Sleep function stops automatically.

To enable or disable the Standby function manually, press the Standby button on your remote control.

- **Swing**

Adjust the louvers so that they open and close continuously, or stop them at the desired angle using the Swing button.

Press the button to turn the louver movement on or off.

- **Temperature range**

Set the temperature between 16° and 30 °C (60–86 °F).

- **Temperature setting**

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

- **Timer**

Set the timer so that the unit switches on or off after the desired time.

When the unit is switched off, press the timer button to set a timer and switch the unit on. After pressing the timer button, use the up or down arrows to set the desired duration. You can then select the mode, temperature and fan speed.

When the appliance is switched on, pressing the timer button sets a timer to switch it off. After pressing the timer button, use the up or down buttons to set the desired duration.

Note: The up and down arrows adjust the duration in 30-minute increments. A maximum duration of 24 hours is possible.

Switch the appliance on and off to cancel the timer, or use the up/down buttons to change the duration or reset it to zero to cancel it.

- **Transmission indicator**

This icon on the remote control simply confirms that the remote is sending settings to the indoor unit (but this does not mean that the indoor unit has received them).



Note:

Compatible with iOS and Android. Older phones may not be supported. Midea does not guarantee compatibility and accepts no liability for any resulting issues. The app is subject to updates without prior notice to improve the product's functionality.

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

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

Step 1: Download the SmartHome app

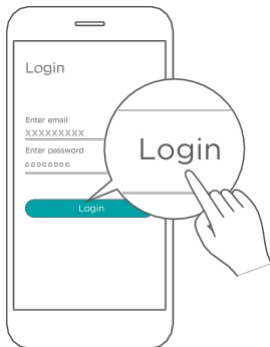
Scan the QR code below to download the SmartHome app from the App Store, or search for it directly on Google Play or in the App Store.



Step 2: Log in

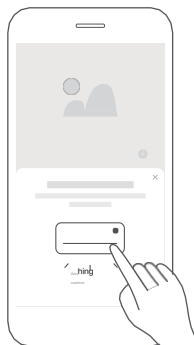
Open the SmartHome app. Log in straight away if you have an existing account, or create a new account.

You can also use one of the third-party login platforms.



Step 3: Connect the device

When you log in, you may see the message 'Smart devices have been detected nearby' may appear. Tap on it to add your device.



Step 3 (continued):

If no such message appears, tap the + icon in the top right-hand corner of the app and select 'Add a device'.

Wait whilst the app searches for devices. Your device may appear here.

If your device still does not appear, select it from the list under 'Portable AC' and press the power button for at least 3 seconds to enter the wireless connection setup in Access Point (AP) mode.

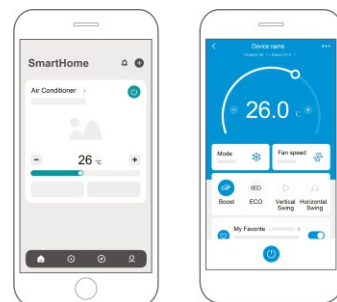


Step 4: Controlling the device

Once pairing is successful, a card will be created for the device in the SmartHome app.

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

Tap the card to discover additional functions and settings. The design of the user interface may differ from the examples due to app updates.



Note:

Network issues may cause time-outs. The device's screen and the app may become out of sync, but this should resolve itself automatically.

If the problem persists, restart the setup procedure. A change to the wireless network will require the device to be reconfigured.

Restore factory settings: removing the device from the app resets the device's wireless configuration.

App features

In the app, follow the instructions to set up your device. Once set up, the device must remain connected to the wireless network to use features such as scheduling, viewing energy consumption, etc.

- **Active cleaning**

Active Clean technology removes dust, mould and grease – which can cause odours when they build up on the heat exchanger – by automatically freezing and then rapidly defrosting the frost. When this function is activated, the indoor unit displays the letters CL. The unit switches off automatically and the Active Clean cycle ends. This usually takes between 20 and 45 minutes.

- **Check**

Carry out a simple diagnostic check and view the current status, as well as a log of normal events and exceptions.

- **iECO**

Enjoy the benefits of energy savings without compromising on performance. Advanced algorithms and temperature prediction make micro-adjustments to the unit's performance, fan speed and humidity settings to reach the desired temperature and optimise energy use.

Monitor the air conditioner's electricity consumption by viewing the energy report.

- **Location-based services**

You can set up automated scenes triggered by a change in your phone's location. For example, a scene can be triggered to switch on the air conditioning and start cooling your home as you approach it.

- **Schedule**

Turns the air conditioner on or off at specific times.

- **Scenes**

A scene is a combination of instructions for one or more smart devices. With a single click or a voice command, you can switch on your air conditioner, selecting your preferred mode, temperature and fan speed.

- **Sleep Curve**

Easily programme the air conditioner to increase or decrease the temperature at one-hour intervals. It is recommended to reduce the heating or cooling setting as your body temperature changes whilst you sleep. Set the cycle duration, after which normal operation resumes.

Note: The Sleep function is not available in FAN or DRY mode.

The Sleep function switches off automatically.

To enable or disable the Sleep function manually, press the Sleep button on your remote control.

- **Voice commands**

Set up your favourite smart home assistant, such as Google Home or Alexa, and use voice commands to control your air conditioning. For more detailed instructions, please refer to the 'Third-party services' section of the app.

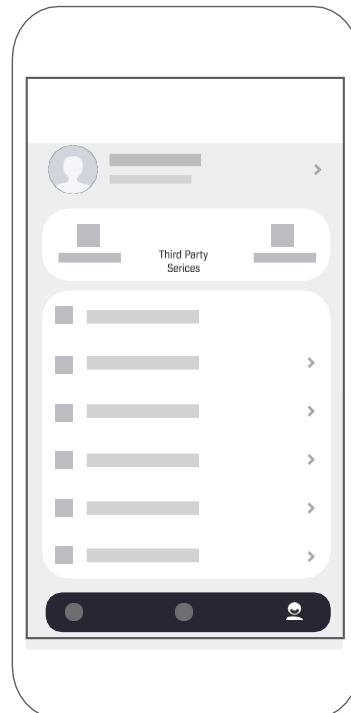
The most common commands are as follows: Hey Google OR Alexa...

- Turn on <device name>.
- Set <device name> to automatic mode.
- Set <device name> to 26 degrees.
- Increase the temperature of <device name> by 2°.

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

- **Temperature range**

Sets the upper and lower limits of the temperature range. Other users will not be able to exceed these limits (though they can change the temperature range).



Cleaning and maintenance

Warning:

- Always unplug the appliance before cleaning or carrying out maintenance.
- Do not use flammable liquids or chemicals to clean the appliance.
- Do not wash the appliance with water. Risk of electric shock.
- Check the appliance regularly for any mechanical damage.
- Check the refrigerant hoses for mechanical damage or excessive strain caused by twisting or other forces; if this is the case, please inform customer services.
- Do not use the unit without a filter. Dirt and lint block the air conditioner, reduce its performance and cause damage.

Cleaning the air filter

Removing the air filter

Grasp the handle on top of the filter at the back of the appliance with both hands, press down, then pull outwards to remove it.

Maintenance tips

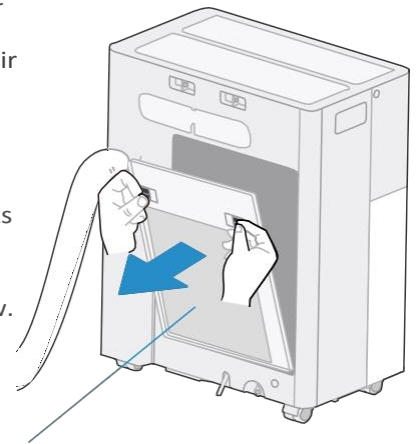
Be sure to clean the air filter when the filter indicator light comes on, to ensure optimum performance.

If you have pets, you may need to wipe the grille periodically to prevent pet hair from blocking the airflow.

Standard filter: Wash the standard filter by gently immersing it in warm water (40 °C / 104 °F) with a neutral detergent.

Rinse the filter and leave it to dry (avoid direct sunlight). Clean every two weeks for optimum performance.

HEPA filter: Do not wash it with water. See the section on the HEPA filter below.



Standard filter

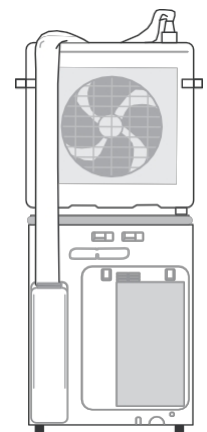
Cleaning the unit

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

Never use harsh cleaning agents, wax or polishing products on the unit.

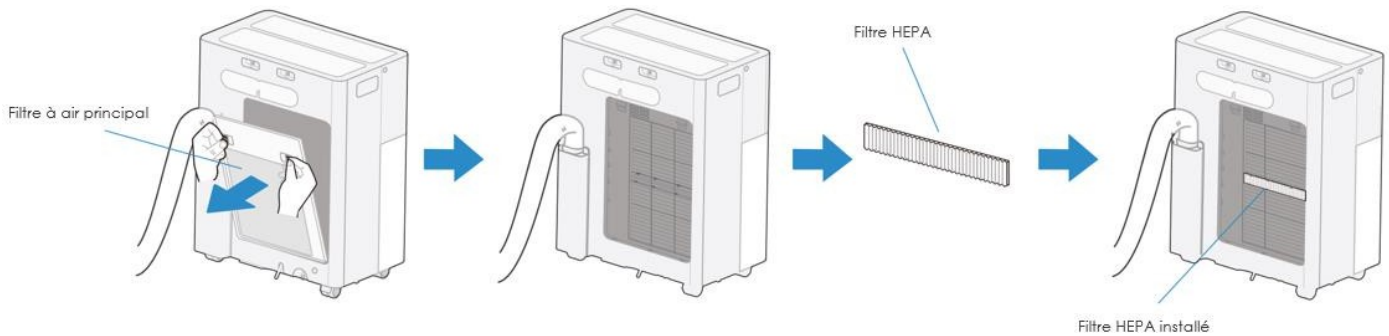
Storing the appliance when not in use

- Switch off the appliance and unplug it.
- Clean the air filter following the instructions in the previous section. Refit the clean, dry filter before storing it.
- Place the protective plate on top of the indoor unit. Remove the outdoor unit and place it on the protective plate.
- Remove the batteries from the remote control.



HEPA filter (optional accessory)

- First, remove the main air filter.
- Fit it into the space provided behind the main air filter.
- HEPA filter: replace every 6 months. Can be cleaned using a hairdryer (cold air only) or a furniture brush. Do not wash with water.



Disposal and recycling

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

This symbol indicates that this product must not be disposed of with other household waste at the end of its useful life. Used appliances must be returned to an official collection point for the recycling of electrical and electronic equipment.

To find out where these collection points are, please contact your local authorities or the retailer from whom the product was purchased. Every household plays an important role in the recovery and recycling of old appliances.

The correct disposal of used appliances helps to prevent potential negative consequences for the environment and human health.



Troubleshooting

Problem	Possible causes Solution	
The appliance does not switch on when the ON/OFF button is pressed	Protection mode.	The unit is fitted with a safety feature that prevents damage to the compressor when it is switched off. Once the compressor can be started safely, the unit can be switched back on. This may take up to 3 minutes.
	In COOL mode: the room temperature is lower than the set temperature.	Lower the set temperature.
The unit is not cooling properly	The air filter is blocked by dust or pet hair.	Switch off the unit and clean the filter in accordance with the instructions.
	The temperature isn't low enough.	Turn the thermostat down.
	The windows and doors in the room are open.	Make sure all windows and doors are closed.
	The room is too large.	Check the maximum room size in the specifications.
	There are heat sources inside the room.	Remove or switch off the heat sources if possible.
	The unit is low on refrigerant or there is a leak.	Stop using the product immediately and call a technician or customer services.
The appliance is noisy and vibrates excessively	The floor is not level.	Place the appliance on a flat, level surface.
	The air filter is blocked by dust or pet hair.	Switch off the appliance and clean the filter in accordance with the instructions.
The appliance is making a gurgling noise	This noise is caused by the circulation of the refrigerant inside the appliance.	This may happen occasionally, but should stop after a few minutes. If the noise is excessive or does not stop, please contact a customer service representative.
The unit switches off unexpectedly	The indoor unit may need draining.	Check the display. If code P1 or EH44 is shown, drain the indoor unit as follows: prepare a shallow container to collect the water. Remove the drain plug at the back of the indoor unit. Allow the condensation water to drain out. Refit the drain plug. Restart the machine. If the error occurs frequently, contact the service centre.
	Critical error.	If the following codes appear on the display, contact a 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.

Trademarks, copyright and legal notices

The  logo, the brand, the name and all their variations are valuable assets of the Midea Group (Midea) and/or its subsidiaries. Midea owns the trademarks, copyrights, intellectual property rights and all goodwill arising from the use of any part of a Midea trademark. The use of the Midea trademark for commercial purposes without Midea's prior written consent may constitute trademark infringement or unfair competition in breach of applicable laws.

This manual has been produced by Midea, and Midea reserves all copyrights relating to it. No entity or individual is authorised to reproduce, modify or distribute this manual, in whole or in part, or to bundle or sell it with other products without Midea's prior written consent.

All functions and instructions described were up to date at the time of printing. However, the actual product may vary due to improvements in functions and design.



OPTIMEA
34 rue du Moulin des Bruyères
92400 Courbevoie

☎ 01 80 87 50 12
✉ info@optimea.fr