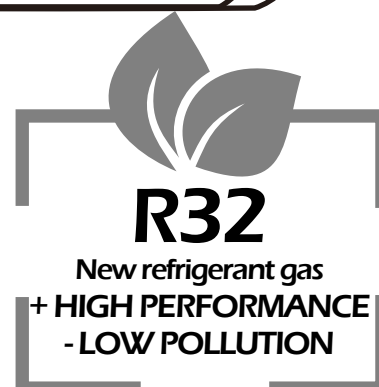
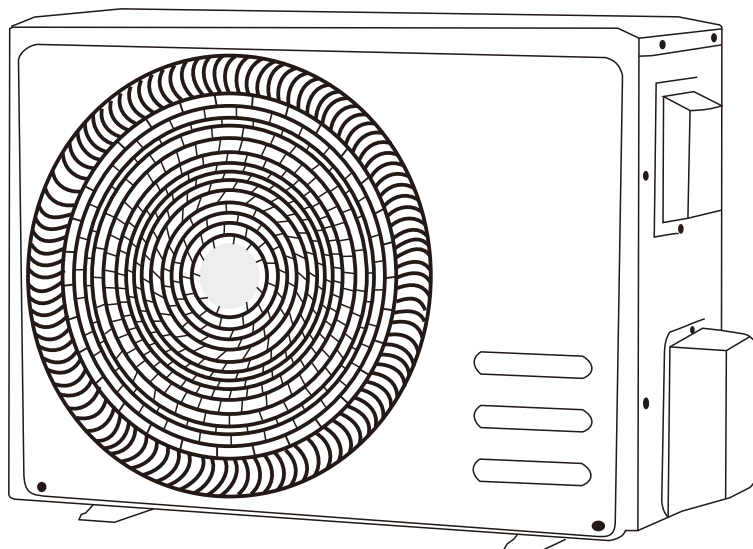


AIR CONDITIONER / AIR/AIR HEAT PUMP INSTALLATION, INSTRUCTION & MAINTENANCE MANUAL

ref.409730	Type : SMVH09B-2A2A3NH
ref.409731	Type : SMVH12B-2A2A3NH
ref.409732	Type : SMVH18B-4A2A3NG
ref.409733	Type : SUV2-H18/3CFA-N + SMVH09B-2A2A3NG + SMVH12B-3A2A3NG
ref.409894	Type : SUV3-H24/3CGA-N + 2 x SMVH09B-2A2A3NG + SMVH12B-3A2A3NG



**Thank you for choosing our air conditioner
to ensure proper operation and long life, please read this manual carefully
before use and keep the air conditioner in a safe place for future use**

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INSTRUCTIONS

- Please take the time to read and understand all the recommendations in this manual before installing your air conditioner.

Keep your instructions in a safe place.

- This leaflet is subject to change and update according to the technological evolution of our products and according to legislation/regulations.

- First of all, please read the information on the appendix page and the warranty and after-sales service conditions in your warranty booklet. If either of these two documents is missing at the time of purchase, please contact our after-sales service department.

1. We do not accept any responsibility for:

- Incorrect connection.
- Poor connection of fittings.
- Bending or damage to or pinching of the refrigerant connections, shocks during installation of the product.
- An installation that does not comply with the regulations in force (assembly, electrical safety, etc.).
- Any costs, services or claims caused by incorrect assembly.
- Overtightening which crushes the beaten bracket and causes a gas leak.
- Low efficiency of the air conditioner due to poor draft
- A difference in height between the indoor unit and the outdoor unit of more than 3 metres without an oil trap if the outdoor unit is installed higher than the indoor unit.
- The presence of foreign bodies in the refrigeration circuit.
- Loss of pressure due to exceeding the lengths of refrigerant lines.
- Problems due to poorly sloped drainpipes causing water damage.
- Loss of pressure due to incorrectly tightened refrigerant line fittings.
- The failure to open the two valves caused the compressor to tighten.
- **PRESENCE OF SEALANT ON THE REFRIGERATION FITTINGS.**
- Untimely power outages that may damage electronic parts.
- Air obstruction of the front part of the outdoor unit.
- Any alterations to the original equipment will not be covered by the warranty.
E.g.: cut and soldered fittings on indoor and outdoor units

2. INSTRUCTIONS:

- Switch off the electricity supply before starting any installation.
- Before installation, check the respective models of your units and verify their correspondence.
- Always keep your outdoor unit in an upright position during handling.
- Installing the outdoor unit in the attic, veranda or cellar is strictly forbidden.
- The outdoor unit must be placed on a hard, clean surface or fixed on an appropriate mount (wall or floor mount)
- You must respect a maximum difference in height of 3 metres between the elements as soon as your outdoor unit is higher than your indoor unit.
- All electrical installations on our air conditioners must be protected by a differential circuit breaker with thermal protection.
- Each air conditioner must have its own independent power line.
- Any modifications to the lines must be made by a qualified operator.
- If your extension kit is too long, do not cut it. Roll it gently behind your outdoor unit.
- Don't forget to fill in your warranty booklet with the labels for the model references + Serial number.
- A means of disconnection from the power supply network with a contact opening distance for all poles must be provided in a fixed position in accordance with the installation rules and standards.
- If the cable is damaged, it must be replaced by the manufacturer, its service department or similarly qualified persons in order to avoid any danger.
- If connections are too short, this can cause too much pressure and also a resonating and whistling noise from your indoor unit.

INTRODUCTION & WARNINGS REGARDING R32 GAS



- (1) Read the user manual (ISO 7000 – 0790)
(2) User manual; user instructions (ISO 7000 – 1641)
(3) Maintenance indicator; read the technical manual (ISO 7000 – 1659)

The refrigerant used in these air conditioners is a hydrocarbon R32. R32 is a so-called “environmentally friendly” gas because it is chlorine-free and ozone-friendly. It is classified as a 2L gas, part of a group of low-flammability, odourless gases, which implies compliance with rules:

- Please read the manual before installation, operation and maintenance.
- Do not install the unit in closed, tightly sealed spaces.
- The unit should be installed in a well ventilated area.
- Do not turn off the circuit breaker unless you smell something burning, or when repairing, checking or cleaning the unit. If not, a refrigerant leak cannot be detected.
- Do not use any means of accelerating the defrosting or cleaning process other than those recommended by the manufacturer.
- Do not pierce or burn the appliance.
- If the appliance is installed, operated or stored in an unventilated room, the room must be able to prevent the stagnation of any refrigerant gas leaks that could be ignited by an electric stove, oven or other ignition source and cause a fire or explosion.
- The appliance must not be stored in a room in which sources of ignition are permanently present (e.g. open flames, gas appliance or electric heating in operation).
- To avoid fire, explosion and injury, do not use the unit when harmful gases (e.g. flammable or corrosive) are detected near the unit.
- Do not use benzine or thinner to wipe the unit. This could lead to cracks, electrical shocks or fire.
- The location where an air conditioner using R32 refrigerant is installed and maintained must be free from open fire, welding, cigarette smoke, a drying oven or any other heat source at a temperature higher than 548°C that can easily produce an open fire.
- Do not use any refrigerant other than that indicated on the outdoor unit (R32) for installation, relocation or repair. The use of other refrigerants may cause operational disturbance or damage to the unit and result in personal injury.
- Beware of fire in the event of a refrigerant leak. A refrigerant leak can cause the air conditioner to malfunction (e.g. if it does not generate cool or warm air). Contact the after-sales service. The refrigerant in the air conditioner is safe and normally does not leak. However, in the event of a leak, contact with a burner, heater or cooker can result in the generation of toxic gases. Stop using the air conditioner until a qualified person has confirmed that the leak has been repaired.
- Do not attempt to repair, disassemble, reinstall or modify the air conditioner yourself, as this may result in gas leaks, electrical shocks or fire.
- It is essential to carry out a safety inspection before servicing or repairing an air conditioner using combustible refrigerant to minimise the risk of fire.
- Please contact your nearest service centre when maintenance is required. During maintenance, maintenance personnel must strictly follow the maintenance instructions. Non-professionals are not allowed to service the air conditioner. The refrigerant will need to be removed from during maintenance or when disposing of an air conditioner.
- People working or intervening in a refrigeration system must have appropriate certification, issued by an accredited body, attesting to their competence in handling refrigerant gases in accordance with an officially recognised specification.
- Repair work must be carried out in accordance with the manufacturer's recommendations. Maintenance and repairs requiring the assistance of other specialists must be carried out under the supervision of a person specialised in the use of flammable refrigerant gases.

SAFETY RULES AND RECOMMENDATIONS FOR INSTALLATION

- Read this guide before installing and using the appliance.
- While the indoor and outdoor units are being installed, the working area should be kept free of children.
- Unforeseen accidents may occur.
- Make sure that the base of the outdoor unit is securely fastened.
- Make sure that no air can enter the cooling system and check for refrigerant leakage by moving the appliance.
- Perform a test operation after installing the air conditioner and record the operation data. The fuses installed in the integrated control system are 3.15A / 250V for 220V and 3.15A/ 125V for 110V.
- The wall unit should be protected with a fuse of sufficient capacity for the maximum power current or with another protective device in the event of a power surge.
- Make sure that the voltage corresponds to that indicated on the identification plate. Keep the switch or socket clean. Insert the plug correctly into the socket, thereby avoiding the risk of electric shock or fire due to insufficient contact. Do not remove the plug to turn off the power while the appliance is in use, as this may cause a spark and result in a fire hazard, etc.
- Check that the plugs and sockets are compatible, if not ensure that they are changed.
- The apparatus shall be provided with means of disconnection from the mains supply with contact separation on all poles which ensure complete disconnection in the event of a category III power surge, and these means shall be incorporated in the fixed cables in accordance with wiring rules.
- The air conditioner must be installed by a professional or approved agent
- Do not attempt to repair, disassemble, reinstall or modify the air conditioner yourself, as this can lead to gas leaks, electrical shocks or fires.
- Do not install the appliance within 50 cm of flammable substances (alcohol, etc.) or pressurised containers (aerosol cans).
- If the appliance is used in areas without ventilation, precautions must be taken to prevent refrigerant leaks from remaining in this environment, causing a fire hazard.
- Use the air conditioner for the purpose specified in this booklet. These instructions are not designed to cover all possible conditions and situations.
- As with any household appliance, common sense and caution are therefore recommended when installing, using and maintaining it.
- The appliance must be installed according to the applicable regional standards.
- Before accessing the connection terminals, all power circuits must be disconnected at the power source.
- The appliance must be installed in accordance with national wiring regulations.
- This appliance may be used by children of at least 8 years of age and by persons with reduced physical, sensory or mental capabilities or lacking experience or knowledge, if they are properly supervised or if they have been given instructions on the safe use of the appliance and are aware of the risks involved. Children must not play with the appliance. Cleaning and maintenance by the user must not be carried out by unsupervised children.
- Children should not play with this device. Cleaning and maintenance of the appliance must not be carried out by unsupervised children.

SAFETY RULES AND RECOMMENDATIONS FOR THE INSTALLER

- Do not undertake to install the appliance yourself; always use qualified technical personnel.
- Cleaning and maintenance must be carried out by qualified technical personnel and the power supply must always be disconnected before any cleaning or maintenance is carried out.
- This appliance has been designed to air-condition a residential environment and must not be used for any other purpose, such as drying clothes, refrigerating food, etc.
- The packaging materials are recyclable and should be disposed of in the appropriate containers. The air conditioner should also be taken to a recycling centre when it is condemned.
- Always operate the air conditioner with the air filter in place. Use without the air filter could cause excessive accumulation of dust and other residues on the internal components resulting in subsequent failure.
- The user must ensure that the appliance is installed by a qualified technician who must, in turn, ensure that the appliance is earthed in accordance with current legislation and must install a circuit breaker.
- The batteries in the remote control should be recycled or disposed of properly.
- Never stand directly in the cool air stream for a prolonged period. Direct and prolonged exposure could damage your health. Special care should be taken in rooms where there are children, elderly or sick people.
- If the appliance emits smoke or smells hot, turn off the power immediately and call a service centre.
- Prolonged use in such circumstances could result in fire or electric shock.
- Have the repair performed by a service centre authorised by the manufacturer. Ineffective repair could cause a risk of electric shock, etc.
- Turn off the power if you are not going to use the unit for a long time.
- The direction of the air must be adjusted appropriately. The fins should point downwards in heating mode and upwards in cooling mode.
- Ensure that the appliance is unplugged if it is to be out of use for an extended period of time and before carrying out any cleaning or maintenance. Selecting the most appropriate temperature can prevent damage to the appliance.

Disposal of used batteries

Dispose of batteries according to your local waste separation procedure at accessible collection points.

SAFETY RULES AND PROHIBITIONS

- Do not bend, pull or crush the power cord as this may damage it. Electrical shocks and fires are usually caused by a damaged cord. Only a qualified technician should replace a damaged power cord.
- Do not use an extension cord or a multiple socket.
- Do not touch the appliance if you are barefoot or if any part of your body is wet or damp.
- Do not obstruct the air inlet or outlet of the wall unit or outdoor unit. Clogging these openings could cause a decrease in the efficiency of the air conditioner with the possibility of subsequent breakdowns.
- Do not alter the characteristics of the appliance in any way.
- Do not install the appliance in an environment that may contain gasoline, oil or sulphur or near a heat source.
- Do not climb on the appliance or place heavy or hot objects on top.
- Do not leave doors or windows open for a long period of time while the air conditioner is running.
- Do not place containers with water (vases, etc.) on the unit. This can lead to electric shocks or fire.
- Do not direct air directly at plants or animals.
- Prolonged direct exposure to cold air from the air conditioner could have a negative effect on humans, plants or animals.
- Do not operate the air conditioner with wet hands. This can lead to electric shocks.
- Do not wash the air conditioner with water as this may cause electric shock or fire.
- Do not insert fingers, sticks, etc., into the air inlet or outlet and between the fan blades. Damage to the product or injury may result from contact with the high-speed blades of the air conditioner fan.
- Do not climb on, or place objects on, the outdoor unit.

INSTALLATION = FITTING + COMMISSIONING

Definition of fitting:

Placing and fixing the different elements (indoor & outdoor units) and drilling the wall(s) in order for refrigeration & electrical connections to pass through. Positioning the refrigeration connections and electrical wiring **WITHOUT CONNECTING THEM UP**.

Positioning the condensate drain pipe.

This work can be carried out by an experienced DIY enthusiast who follows instructions carefully, but requires a minimum of tools, patience and physical strength.

Definition of commissioning:

Checking the fitting and suitability of the product and the site (adaptability of the type of air conditioner to the room to be cooled and the location), connecting the refrigerant and electrical connections, turning on the electrical power and refrigerant pressure, testing the tightness of the circuit, testing the product and explaining its operation, checking the condensate drainage.

TOOLS REQUIRED FOR INSTALLATION



Spirit level



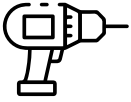
Adjustable spanner



Drill
+ drill head



Screwdriver

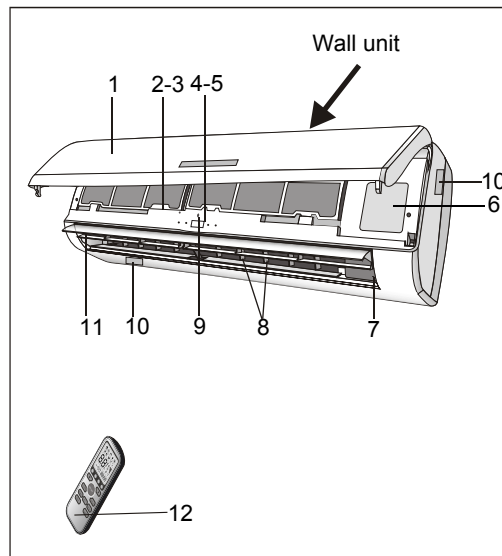


Hammer drill

LIST OF COMPONENTS

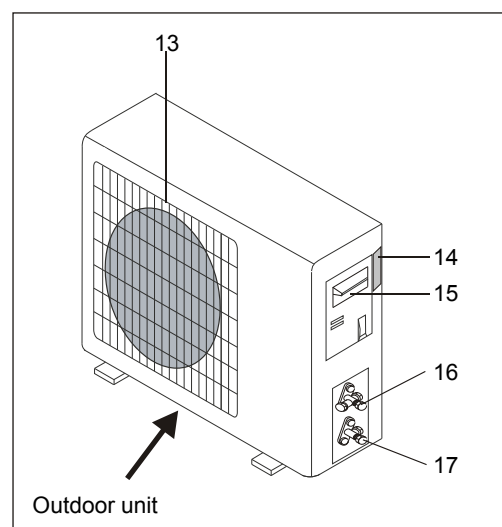
WALL UNIT

No.	Description
1	Front panel
2	Air filter
3	Optional filter (if fitted)
4	LED display
5	Signal sensor
6	Power supply cover
7	Ionising generator (if installed)
8	Deflectors
9	Emergency button
10	Wall unit information label (optional stick position)
11	Air direction flaps
12	Remote control



OUTDOOR UNIT

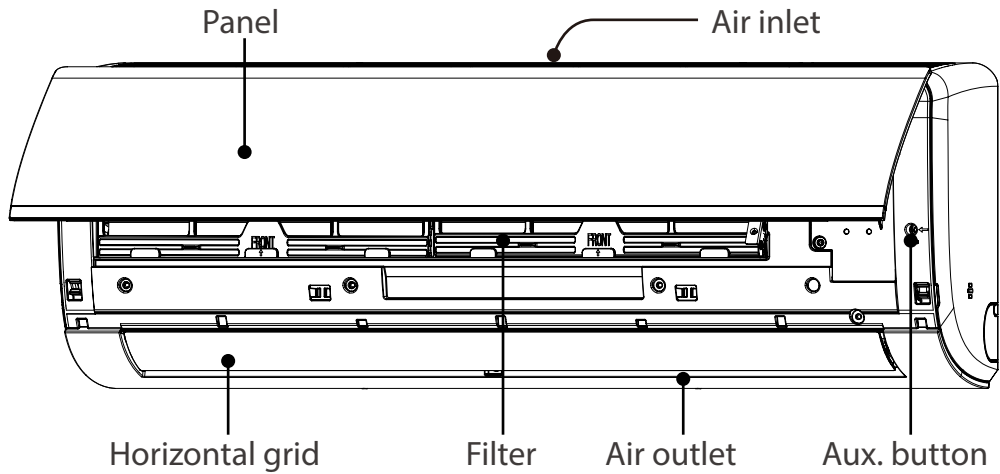
No.	Description
13	Air outlet grille
14	Outdoor unit information label
15	Cover
16-17	Service valves (gas and liquid)



NOTE: Diagrams are not contractual

DISPLAY WALL UNIT

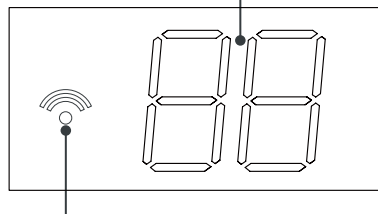
Indoor unit



Display

For some models:

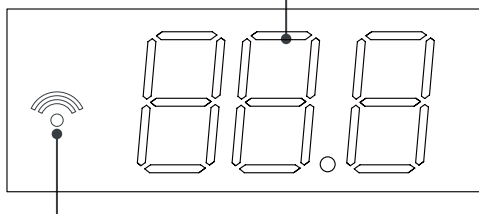
Temperature indicator



Wi-Fi indicator

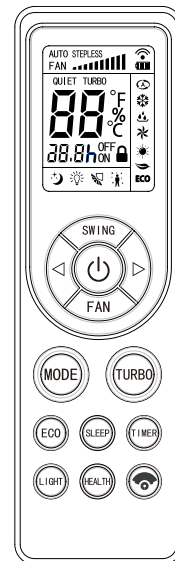
For some models:

Temperature indicator



Wi-Fi indicator

Remote control



NOTE:

The actual product may differ from the above graphics, please refer to the actual product.

CHOICE OF LOCATION/INSTALLATION INSTRUCTIONS

Do not install the unit in the following locations as this may cause malfunction.

- Do not install the outdoor unit near a source of heat, steam or flammable gas.
- A place containing high-frequency appliances (e.g. welding machine, medical equipment).
- A place near a coastal area.
- A place with oil or smoke in the air.
- A place with sulphuric gas.
- Other places with special conditions.

INDOOR WALL UNIT

Select a location that is strong enough to support the weight of the unit and that does not accentuate noise or vibrations generated by the unit's operation. The inlet and outlet ports must not be blocked: air must be able to circulate throughout the room.

Install the air conditioner near a power source.

Install the air conditioner where it will be easy to make the connection between the wall unit and the outdoor unit.

Install the air conditioner where it will be easy to drain off condensed water.

The system must be installed more than 2 m above the ground

Check the necessary gaps as shown opposite to ensure accessibility.

Install the air conditioner where the filter will be easily accessible.

OUTDOOR UNIT

Do not install the unit in a windy or dusty place.

Do not install where there is a lot of traffic.

Select a location where the airflow and noise will not disturb neighbours.

Avoid installing the outdoor unit where it will be exposed to direct sunlight (If this is not possible, use a cover, if necessary, which will not hinder the air circulation).

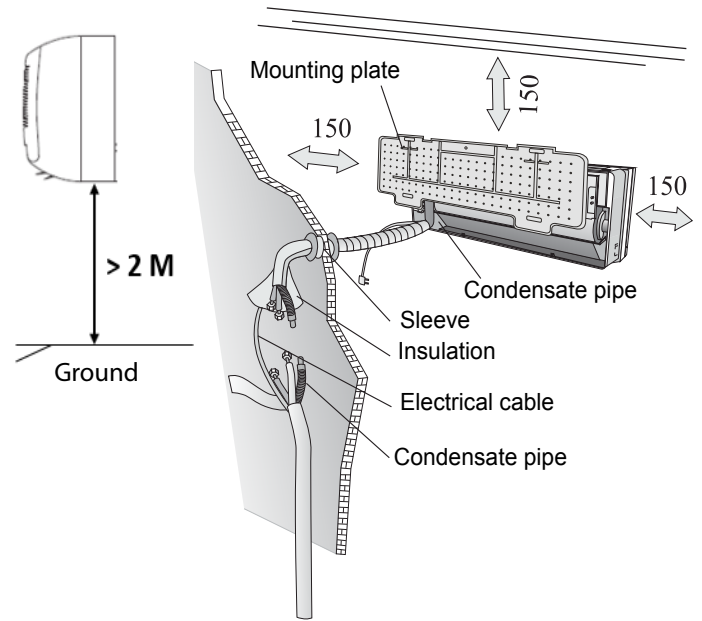
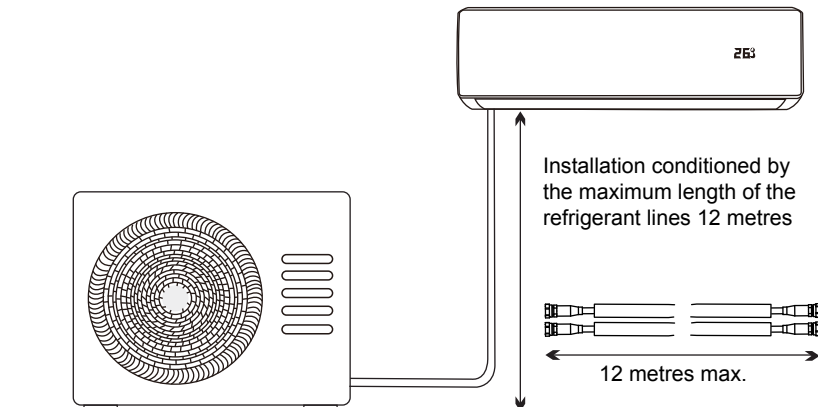
Leave enough space for good air circulation, as shown on the right.

Install the outdoor unit in a safe and solid location.

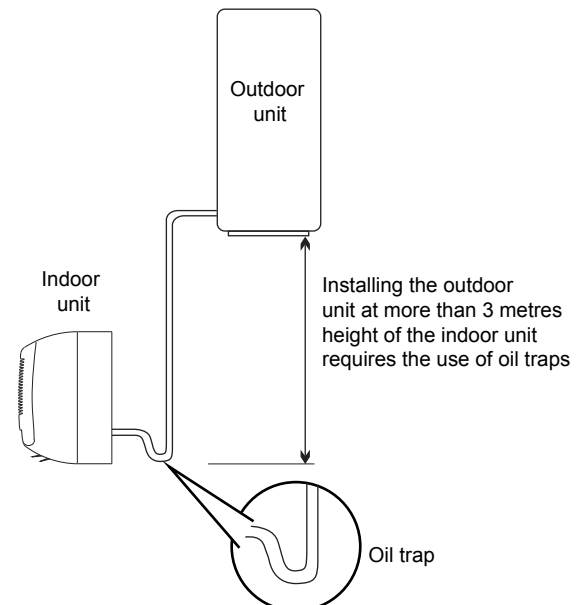
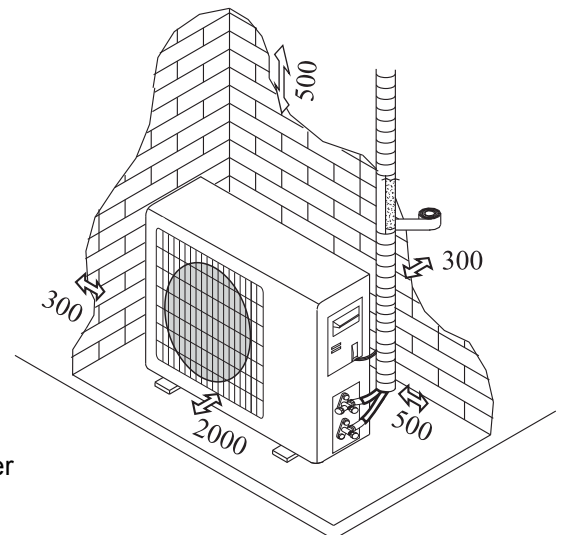
If the outdoor unit is subject to vibration, secure it with silent blocks (rubber buffers) to be positioned under the fastenings.

ATTENTION: Maximum length of the refrigerant lines 12 metres.

INSTALLATION DIAGRAM



Minimum space required (in mm)



ELECTRICAL INSTALLATION:

ensure that a separate power supply circuit is used, specific to the air conditioner.

WALL UNIT INSTALLATION INSTRUCTIONS

Before starting the installation, choose the location of the wall and outdoor units, according to the requirements listed in the previous pages.

Install the wall unit in the room to be air-conditioned, avoiding corridors or common areas. Install the wall unit at a height of more than 2m from the floor.

Installing the wall mounting plate

1. Hang the mounting plate on the wall, place it in a horizontal position with a level and mark the screw holes on the wall.
2. Drill the screw holes in the wall with a hammer drill (the drill bit should match the plastic expansion plug) and insert the plugs into the holes.
3. Fix the plate to the wall using the self-tapping screws provided, then check that it is securely installed by pulling on it. If the plastic expansion plug is loose, use the drill to make another fixing hole nearby.

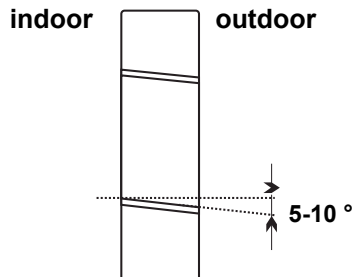
Drill a hole in the wall for the electrical and refrigeration cables

1. Choose the location of the pipe hole according to the direction of the outlet pipe. This hole should be drilled slightly below the frame of the wall mounting plate. Voir ci-contre les précautions
2. Install a flexible sleeve through the hole to keep it clean and intact.

Drill a hole with a diameter between $\varnothing 60$ and $\varnothing 80$ at the selected location for the outlet pipe.

ATTENTION: To allow for gravity drainage of the condensate, it is essential to drill the hole at a slight downward inclination of $5-10^\circ$ towards the outside.

Note: Otherwise, there is a risk of leakage from the indoor unit.

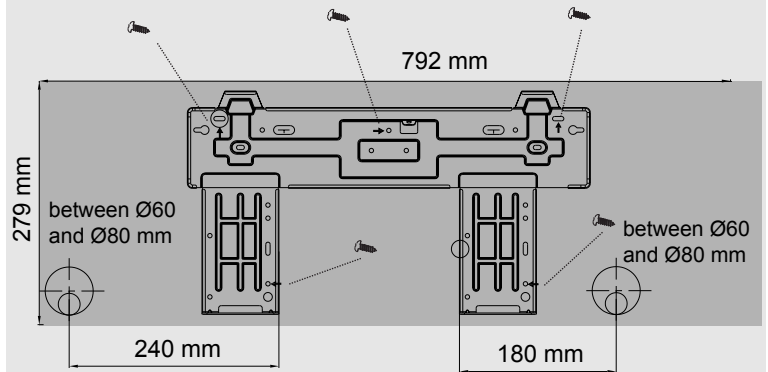


In order to ensure that you have enough space to mount the indoor unit, the diagrams below indicate the different types of wall mounting plate as well as:

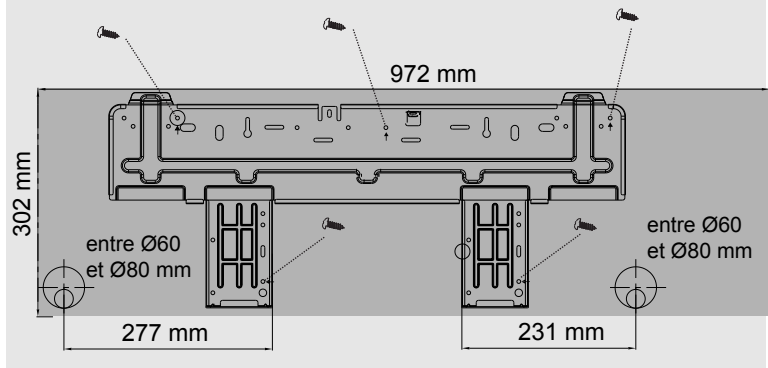
- The overall dimensions.
- Recommended position for mounting screws.
- Position of the hole in the wall (on the right or left of the plate) for passing through the refrigeration connections, condensate pipe and electrical cable.

NB: These diagrams are non-contractual.
Only the mounting plate provided in the boxes is authentic.

Single-split indoor unit - ref 409730 (SMVH09B-2A2A3NH)
 Single-split indoor unit - ref 409731 (SMVH12B-2A2A3NH)
 Bi-split indoor units - ref 409733 (SMVH09B-2A2A3NG + SMVH12B-3A2A3NG)
 Tri-split indoor units - ref 409894 (2 x SMVH09B-2A2A3NG + SMVH12B-3A2A3NG)



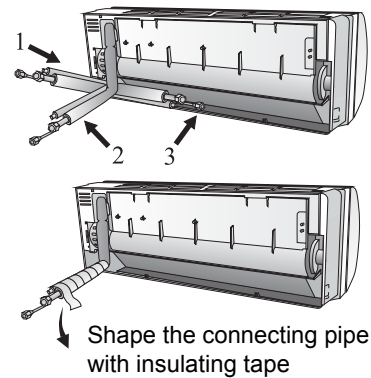
Single-split indoor unit - ref 409732 (SMVH18B-4A2A3NG)



WALL UNIT INSTALLATION INSTRUCTIONS

PREPARATIONS FOR THE CONNECTION OF REFRIGERATION LINES

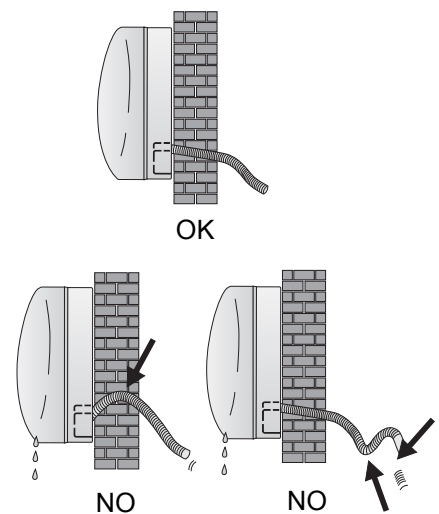
Fittings can be directed in the 3 directions shown opposite. When the fittings are pointing in direction 1 or 3, make a cut along the groove of the wall unit with a knife. Point the fitting towards the hole in the wall and join the connections with the insulating tape, condensate pipe and wiring.



WALL UNIT - CONDENSATE DRAINAGE installation of the condensate pipe

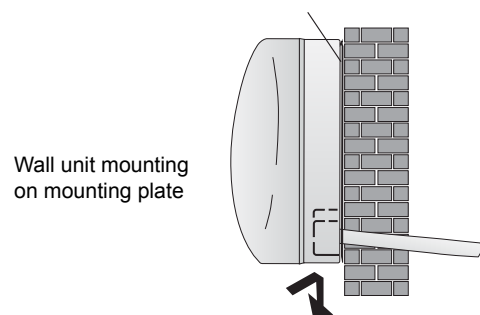
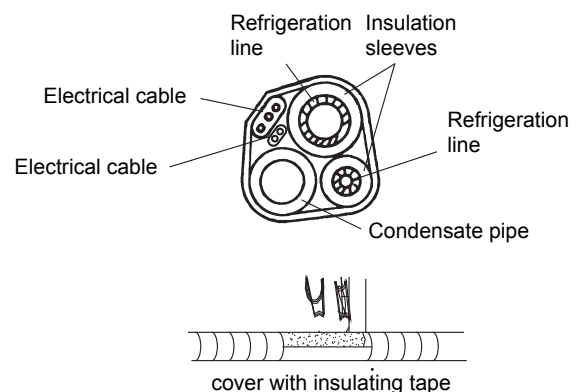
The drainage of condensate from the wall unit is important.

1. Place the condensate pipe underneath the refrigeration fittings, making sure not to create a siphon.
2. The condensate pipe must be inclined downwards to allow for drainage.
3. Do not bend the condensate pipe or allow it to protrude and ensure that it is not twisted and that the end is not immersed in water. If an extension pipe is connected to the condensate pipe, ensure that it is securely connected.
4. If the pipework is directed to the right, the connections, wiring and condensate pipe must be reattached and secured to the rear of the wall unit with a clip.



Once completed, secure the pipes, wiring and condensate pipe with insulation tape.

1. Place the pipes, wiring and condensate pipe properly.
2. Insulate pipe joints well with insulation tape and insulation sleeves.
3. Route the wiring and condensate pipe through the hole in the wall and attach the wall unit to the top of the wall plate.
4. Press and push the bottom part of the wall unit to clip it to the mounting plate.



OUTDOOR UNIT INSTALLATION INSTRUCTIONS

ATTENTION: The following procedure should be followed before connecting the pipes and electrical wiring.

INSTALLATION OF THE OUTDOOR UNIT

Choose the location of the installation according to the structure of the dwelling.

Determine the best position on the wall or floor and allow ample space for future maintenance.

The outdoor unit must be installed on a solid wall or floor stand and secured.

Fix the wall bracket with screws and plugs suitable for this type of wall installation or install a suitable floor bracket.

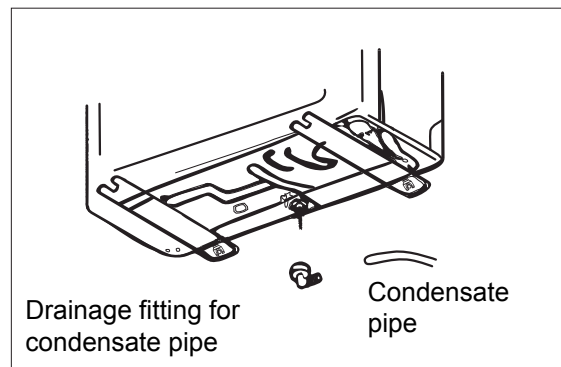
The outdoor unit must be placed at least 3 cm above the floor to allow for the installation of the drainage fitting.

INSTALLATION OF THE CONDENSATE PIPE ON THE OUTDOOR UNIT

Condensed water and frost that forms on the outdoor unit in heating mode can be discharged through a condensate pipe.

1. Attach the condensate pipe fitting as shown.
2. Connect the condensate hose to the fitting.

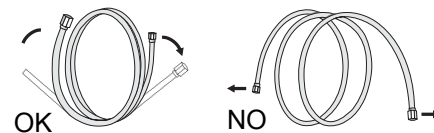
Ensure that the water drains into a suitable area.



REFRIGERATION CONNECTION FOR UNITS

ATTENTION:

Handle connections carefully.
Do not fold too often.
Carefully unwind the connections.



READYCLIM OPTION

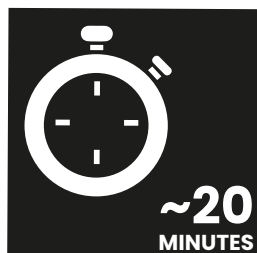
No vacuuming or special equipment

Refer to the installation instructions in the READYCLIM connection box



EASY

COMMISSIONING



FAST

COMMISSIONING



SECURE

COMMISSIONING

Hermetically sealed system according to EN16084 - CETIM certification

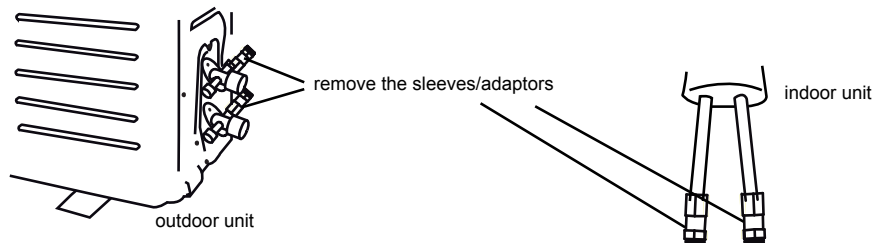
STANDARD OPTION

Vacuumping, handling of refrigerant fluid with specific equipment CONNECTION AND COMMISSIONING MUST BE PERFORMED BY A REFRIGERATION SPECIALIST



ATTENTION: ALL OPERATIONS LISTED BELOW MUST BE PERFORMED BY A QUALIFIED OPERATOR

1. Remove the sleeves/adaptors (1) from the indoor and outdoor units



2. Recover the fluid charge in the indoor unit

3. Carefully uncoil all refrigeration connections

4. Unscrew the nuts at the ends of the refrigeration connection and the fittings/valves of both units

5. Position the refrigerant connection in line with the thread and tighten by hand to the maximum



6. Repeat this operation for the other connections to the indoor and outdoor unit

7. Using two adjustable spanners, tighten the refrigeration nuts, taking care not to damage the threads, until a perfect seal is obtained. (the use of a torque spanner is recommended, see tightening forces opposite)

8. Repeat procedure 4 for other connections

9. Air and moisture in the refrigerant circuit may cause the compressor to malfunction.

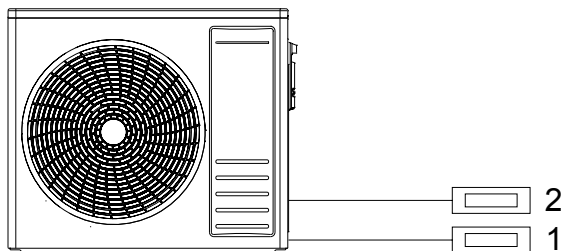
Bleed air and moisture from the refrigerant circuit using a vacuum pump.

Size of the tube		force
1/4	Ø 6.35mm	15~20 N.m
3/8	Ø 9.52mm	31~35 N.m
1/2	Ø 12.7mm	35~45 N.m
5/8	Ø 15.88mm	75~80 N.m

ATTENTION: A leak test must be carried out after installation.

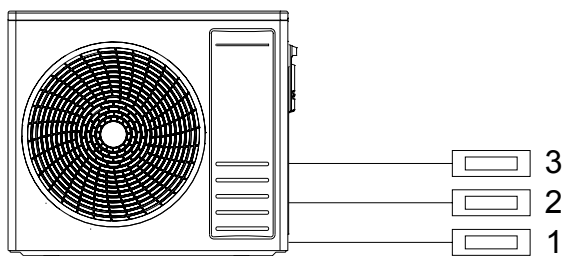
Table of refrigerant connections between indoor and outdoor units

For Bi split air conditioner ref 409733 - Type: SUV2-H18/3CFA-N



Unit	Power	Type
1	3500 W - 12 K	SMVH12B-3A2A3NG
2	2500 W - 9 K	SMVH09B-2A2A3NG

For Tri split air conditioner ref 409894 - Type: SUV3-H24/3CGA-N



Unit	Power	Model
1	3500 W - 12 K	SMVH12B-3A2A3NG
2	2500 W - 9 K	SMVH09B-2A2A3NG
3	2500 W - 9 K	SMVH09B-2A2A3NG

CONDITIONS FOR ELECTRICAL CONNECTION

Safety precautions

Electrical safety standards must be complied with when installing the units.

In accordance with local safety regulations, use a standard power supply and circuit breaker.

Ensure that the power supply meets the requirements of the air conditioner. Unstable power supply or incorrect wiring may cause malfunctions.

Do not connect the power supply until the installation is complete.

Do not use the unit if the cable or plug is damaged.

If the power cable or cord of this air conditioner is damaged, it must be replaced only by the manufacturer or its maintenance agent or a person with equivalent qualifications, in order to avoid any risk.

Electrical connections must be made in accordance with the applicable standards.

Earthing conditions

- The air conditioner is a first class electrical appliance. It must be properly earthed by a professional with a dedicated earthing device. Check that the system is always correctly earthed; otherwise, it may cause electric shocks.

- The yellow-green wire of the air conditioner is the earth wire and cannot be used for any other purpose.

- The earthing resistance must comply with national electrical safety regulations.

- The system should be placed so that the socket is accessible.

ATTENTION: Your air conditioner must be protected on an independent supply line equipped with a circuit breaker (refer to the table below) and a differential circuit breaker with 30 mA thermal protection according to the standards and regulations in force.

The electrical connection to the mains is made via the outdoor unit.

Electrical cable not included, please refer to the recommended cable cross-section in the table below.

Models	Power supply	Circuit breaker capacity	Recommended electrical cable cross-section
409730-409731-409732	220-240 V~ 50 Hz	16 A	3×2.5 mm ²
409733 - 409894	220-240 V~ 50 Hz	20 A	3×2.5 mm ²

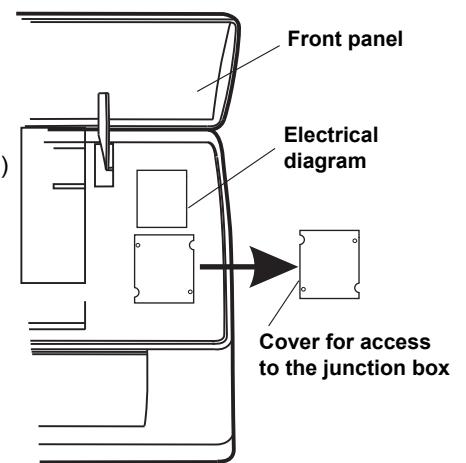
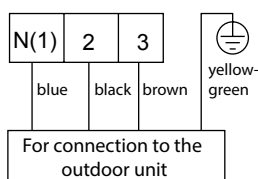
ELECTRICAL CONNECTION OF INDOOR UNIT(S)

1. Lift the front panel.
2. Remove the cover as shown (by removing a screw or by using the hooks as levers).
3. For electrical connections, refer to the electrical circuit diagram to the right of the wall unit under the front panel.
4. Connect the wires to the screw terminals according to the numbers and colours of the identification. Use the correct wire size for the current input (see information label) and in accordance with the applicable standards.

ATTENTION:

The wiring from the wall unit to the outdoor unit must be suitable for outdoor use.

Electrical diagram of the indoor unit



ELECTRICAL CONNECTION OF THE INDOOR UNIT(S) TO THE OUTDOOR UNIT

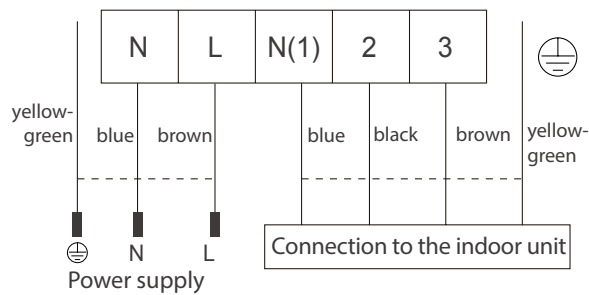
Be sure to turn off the power supply before performing any work on the electrical system or safety.

1. Remove the cover.
2. Connect the wiring to the electrical terminal block and make sure it matches the wall unit.
3. It is essential to follow the electrical connections shown in the electrical diagrams.
4. Securely fasten the wiring with the clips or screws.
5. Connect the earth wire securely to the marked terminal to avoid electric shock and fire hazard.
6. Screw in the pull-stops tightly.
7. Replace the cover.

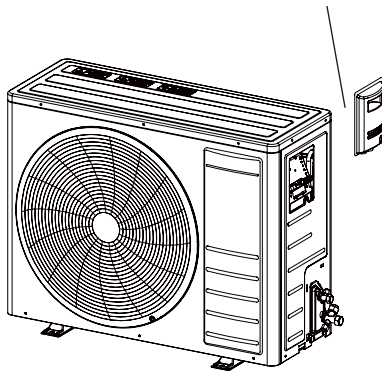
NOTE: Depending on the model, the wiring diagram may be different. Please refer to the electrical diagrams attached to the indoor and outdoor units respectively. See diagrams below

ELECTRICAL DIAGRAMS

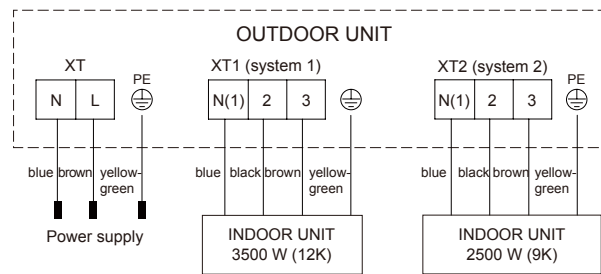
For single split air conditioner ref 409730 (SMVH09B-2A2A3NH)
 ref 409731 (SMVH12B-2A2A3NH)
 ref 409732 (SMVH18B-4A2A3NG)



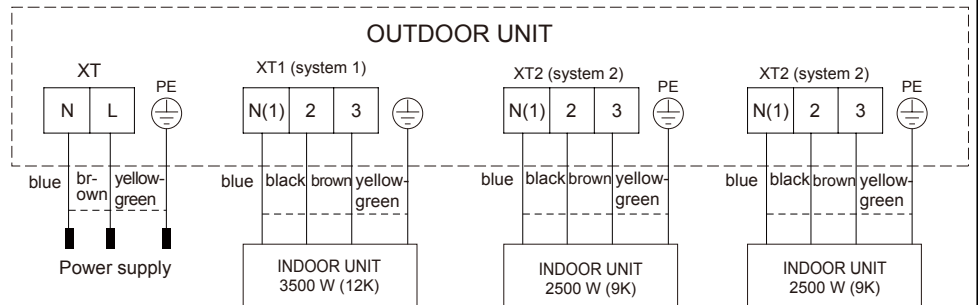
Remove this part to access the terminal blocks connecting to the outdoor unit



For Bi split air conditioner ref 409733 /SUV2-H18/3CFA-N



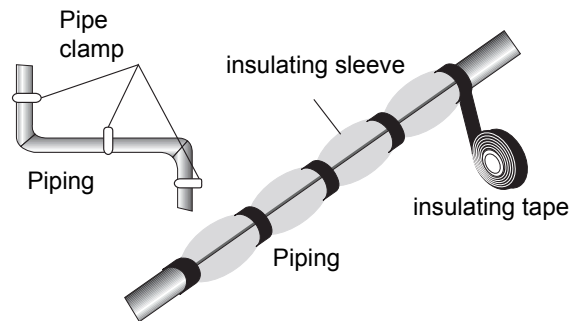
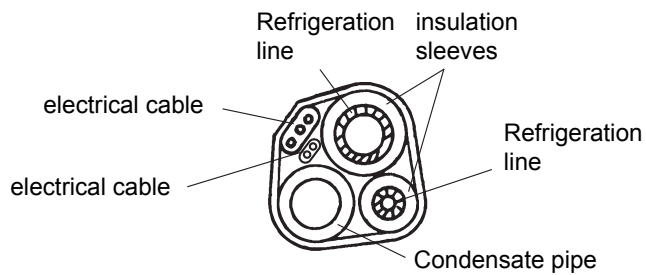
For Tri split air conditioner ref 409894 (SUV3-H24/3CGA-N)



FINAL STAGES

Once completed, secure the pipes, wiring and condensate pipe with insulation tape.

1. Place the pipes, wiring and condensate pipe properly.
2. Insulate the refrigerant line fittings well with the insulation sleeves and insulation tape.



FUNCTION TEST

1. Turn on the system and press the ON/OFF button on the remote control to operate it.
2. Press the MODE button to select AUTO, COOL, DEHUMIDIFY, FAN and HEAT to ensure that the different modes are working properly.

MAINTENANCE AND CLEANING

Periodic maintenance is essential to keep your air conditioner efficient.

ATTENTION:

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminium fins of the indoor unit. Touching these parts can cause injury

WALL UNIT - DUST FILTER

Clean once a month

1. Open the front panel in the direction of the arrow.
2. Holding the panel up with one hand, remove the filter with the other hand.
3. Clean the filter with water; if the filter is stained with oil, it can be washed with hot water (not more than 45°C). Leave to dry in a cool, dry place.
4. Holding the panel up with one hand, replace the filter with the other hand.
5. Close the panel.

CLEANING THE HEAT EXCHANGER

1. Lift the front panel up until it can be unhooked from the hinges for easy cleaning.
2. Clean the wall unit with warm water (not more than 40°C) and mild soap. Never use aggressive detergents or solvents.
3. If the outdoor unit is clogged, remove leaves and debris and blow out the dust with an air jet.

END OF SEASON MAINTENANCE

1. Turn off the power or remove the plug.
2. Clean or replace filters.
3. On a sunny day, run the air conditioner in fan mode for a few hours to dry out the interior of the unit.

BATTERY REPLACEMENT

When and how:

If there is no longer a beep from the wall unit to confirm the signal.

If the LED display is no longer visible.

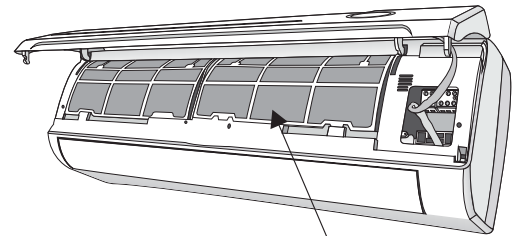
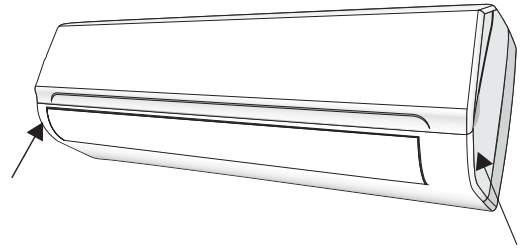
Remove the rear cover.

Install the new batteries, observing the correct polarity.

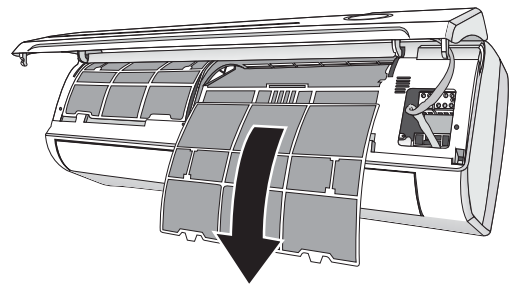
Note: Use new batteries only

Remove the batteries from the remote control when the air conditioner is not in use.

ATTENTION: Do not throw batteries in the garbage, put them in the bins designed for this purpose at recycling centres.



Dust filter



AUTO-RESTART FUNCTION

The air conditioner automatically saves the last selected settings after a power failure or drop, and automatically restarts with these settings when power is restored. This function cannot be disabled.

MANUAL START FUNCTION

The manual start function allows the air conditioner to be started if the remote control is lost, unavailable or malfunctions.

The auto button located on the right side under the front panel, allows to start and stop the air conditioner, if needed and only in case of problem with the remote control.

The air conditioner will automatically start in Auto mode (see remote control manual).

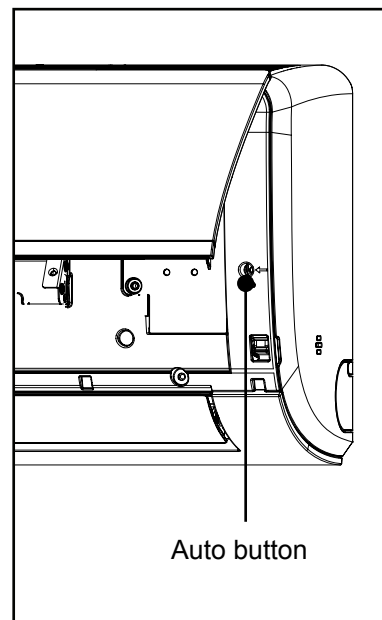
In Auto mode:

- Depending on the indoor and outdoor ambient temperatures, the air conditioner will automatically adjust the heating or cooling modes and the fan speed.

In Auto mode:

- The temperature cannot be adjusted and will therefore not be displayed on the display.

Use a small screwdriver to press the button to turn the air conditioner on or off.



PROTECTION

The protective device may trip and stop the air conditioner under the conditions listed below.

For T1 weather models

No.	MODEL	
1	Heating	Outdoor air temperature over 24°C
		Outdoor air temperature under -7°C
		Room temperature over 27°C
2	Air conditioning	Outdoor air temperature over 43°C
		Room temperature below 21°C
3	Dry	Room temperature below 18°C

Pour les modèles de conditions climatiques T3

No.	MODEL	
1	Heating	Outdoor air temperature over 24°C
		Outdoor air temperature under -7°C
		Room temperature over 27°C
2	Air conditioning	Outdoor air temperature over 52°C
		Room temperature below 21°C
3	Dry	Room temperature below 18°C

ATTENTION: After stopping and restarting the air conditioner, or after changing the mode during operation, the system does not restart immediately. Wait about 3 minutes (compressor protection function) before restarting.

Capacity and efficiency are in accordance with the test at full load operation.

Tests are carried out under the conditions of the highest speed of the indoor fan motor and the maximum open angle of the damper.

TROUBLESHOOTING GUIDE

FAULT	POSSIBLE CAUSES
The appliance does not work	Power failure/unplugged socket
	Internal or external fan motor damaged
	Problems with the thermomagnetic circuit breaker in the compressor
	Faulty thermal protection or fuse
	Poorly connected or unplugged connections
	Operations have stopped in order to protect the appliance
	Voltage higher or lower than the voltage scale
	TIMER ON function activated
	Damaged printed circuit board
A strange smell	Dirty air filter
The sound of running water	Liquid backflow in the refrigerant circulation
A fine drizzle is coming out of the air outlet	This happens when the air in the room becomes very cold, for example in COOLING or DEHUMIDIFYING modes
A strange noise can be heard	This noise is produced by the expansion or contraction of the front panel due to temperature variations and does not indicate a problem
Insufficient airflow, in cooling or heating	Temperature setting not appropriate
	Blocked air inlets and outlets
	Dirty air filter
	Fan set to low speed
	Other heat sources in the room
	No refrigerant
The device is not responding to commands	The remote control is too far away from the wall unit
	Remote control batteries are low
	Objects between the remote control and the receiver of the appliance
The display is not visible	LIGHT function activated
	Power failure
Turn off the air conditioner in the event of:	
Strange noises during operation	
Circuit board failure	
Faulty fuses or switches	
Water or other objects are floating around inside the wall unit	
Overheated wiring or plugs	
A strong smell emanating from the appliance	

FREQUENTLY ASKED QUESTIONS

MAINTENANCE:

- **Can I refill the gas myself?**

You cannot refill the gas yourself. Only refrigeration technicians and qualified operators holding a certificate of competence to handle gases are authorised to do so.

- **After how long do I have to refill the gas?**

We advise you to take out a maintenance contract to check your air conditioner annually.

THE APPLIANCE:

- **Does the indoor unit contain gas?**

Yes, a small charge that during standard commissioning must be recovered by a qualified refrigeration engineer or operator using a recovery station.

- **Can I connect an indoor unit and an outdoor unit that are not of the same power?**

It is absolutely forbidden and impossible to connect an indoor unit and an outdoor unit that are not of equal power.

- **Why is the heating symbol not displayed on my remote control?**

This is an error in the programming of your remote control. Remove the batteries and replace them. Two symbols should flash on your remote control. Do not press any key while the symbols are flashing.

The heating will be programmed automatically. You can then switch your remote control back on and you will see that the heating symbol (small sun) appears on your remote control.

- **In heating mode, why does the ventilation of the indoor unit switch off as soon as I request it?**

This is perfectly normal. In cooling mode, the ventilation of the indoor unit runs immediately and then blows cold. However, as soon as you request heating, the ventilation of the indoor unit only starts when the indoor unit has heat to blow out.

- **I have a lot of water running under the outdoor unit in both cooling and heating mode.**

This is a normal occurrence. The production of condensate is part of the proper functioning of your appliance. When you ask for cooling, the indoor and outdoor units produce condensate.

In heating mode, the outdoor unit only produces.

We advise you to place the connection and the drain pipe to direct the condensate.

- **The back of my outdoor unit frosts abnormally. What should I do?**

This may indicate a problem with the defrost or load sensor.

THE FITTING:

- **Can I install my air conditioner myself?**

Reminder: Installation = Fitting + Commissioning. Fitting can be carried out by an experienced DIY enthusiast.

- **Can I place my outdoor unit in the attic, in a garage or in my attic?**

It is absolutely not recommended to place your outdoor unit anywhere but outdoors.

- **Can I have the refrigeration connections of the indoor unit protruding upwards when I look at the indoor unit from the front?**

The refrigeration connections can be extended to the left, right, downwards or straight out. You cannot run the refrigerant lines upwards as this will damage the heat exchanger tube of the indoor unit.

THESE CASES ARE NOT PROBLEMS

The following cases are not problems. You can continue to use the air conditioner.

INDOOR UNIT

The flaps do not start swinging immediately:

- The air conditioner adjusts the position of the flaps. The shutters should start moving shortly.

The air conditioner stops generating air flow during operation:

- Once the defined temperature is reached, the air flow rate is reduced and operation is stopped to prevent the generation of a flow of cold air (when heating) or the increase of humidity (when cooling).
Operation resumes automatically after the indoor temperature has been raised or lowered.

Operation does not start quickly:

- If you press the "ON/OFF" button: shortly after the operation is stopped.
- When the mode has been selected again: This is to protect the air conditioner. You have to wait for about 3 minutes.

HEATING mode is suddenly deactivated:

- The outdoor unit removes frost. HEATING mode starts after the outdoor unit is defrosted.

OUTDOOR UNIT

The outdoor unit is discharging water or steam

- In HEATING mode: the frost on the outdoor unit turns into water or steam when the air conditioner is in defrosting mode.
- In COOLING or DEHUMIDIFYING mode: the humidity in the air turns into water on the cold surface of the outdoor unit's pipework and drips.

AFTER-SALES SERVICE

If you have any problems with your air conditioner, please contact our HOTLINE on the following number:



Free for calls from landlines



In order to validate any telephone call to our after-sales service centre, please have the following information ready:

- Models of your units and serial numbers (indoor; outdoor).
These elements are listed on a label, which is affixed to each unit
- Your date and place of purchase

INSTRUCTIONS FOR DISPOSAL

Every consumer must take responsibility for the rapid changes taking place in the environment and the ozone layer. Two main European directives have been transposed into French law to respond to major changes in our environment.

The first of these directives aims to recover and dispose of spent batteries and accumulators containing hazardous materials. Disposal includes these different options: collection, sorting, transport, waste treatment, storage, deposit in or on land and processing operations necessary for reuse. Recovery includes recycling, reuse, reclamation or use of waste as an energy source.

The critical objective of the second directive is prevention in terms of waste electrical and electronic equipment, its reuse, recycling and other forms of recovery of such waste, so as to reduce the quantity of waste to be disposed of. It also aims to improve the environmental performance of all operators involved in the life cycle of electrical and electronic equipment such as producers, distributors and consumers.

Both directives have in common the preservation, protection and improvement of the quality of the environment, the protection of human health and the prudent and rational use of natural resources. We therefore ask you to take into account the following elements.

1. The batteries

According to Directive 2006/66/EC of 6 September 2006 on batteries containing certain dangerous substances, consumers are requested to dispose of used batteries in the designated containers usually found at the entrance of supermarkets and other sales outlets and not in unsorted household waste.

2. The air conditioner

According to the Directive 2002/96/EC of 27 January 2003 on waste electrical and electronic equipment (WEEE), we ask you not to dispose of your air conditioner with unsorted municipal waste.

Due to the presence of refrigerant gas (R32) in your air conditioner, there could be potential effects on the environment and human health if it is not properly sorted and destroyed.



This symbol on the product or on the container indicates that this product cannot be disposed of with general waste. Separate collection and recycling of electrical equipment helps to conserve natural resources and ensure that waste is recycled to protect the environment and health. To receive more information on the collection and recycling of electrical and electronic waste, contact your local council, household waste department or the establishment where the product was purchased.

Do not attempt to disassemble the air conditioner yourself: disassembly of the air conditioner and treatment of the refrigerant, oil and other components must be carried out by a qualified installer, in accordance with local and national regulations. Used units and batteries should be disposed of in specialised recovery, reuse or recycling facilities. By ensuring that this device is disposed of correctly, you are helping to avoid potentially harmful environmental and health consequences. Please contact your installer or local authorities for more information.

IMPORTANT INFORMATION ABOUT THE REFRIGERANT USED

These air conditioners contain the fluorinated HFC greenhouse gas R32.

R32 is an "environmentally friendly" gas because it is chlorine-free and ozone-friendly. You will find a label on each component of the hermetically sealed system of your air conditioner indicating the gas charge and its nature. Refrigerant leaks increase climate change. The lower the global warming potential (GWP) of the refrigerant, the less impact it will have on global warming. This appliance uses a refrigerant with a GWP of 675. In other words, if 1 kg of this refrigerant is released into the atmosphere, its impact on global warming will be 675 times greater than that of 1 kg of CO₂, over a period of 100 years. Never attempt to intervene in the refrigeration circuit.

Do not dismantle the refrigeration unit yourself and always contact a professional. Any intervention on the sealed joints of the indoor and outdoor units must be carried out by a qualified operator and with the appropriate equipment (recovery station and vacuum pump).