

Qlima MS-AC 5001 Mini Split Unit Air Conditioner Instruction Manual

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MS-AC 5001 Mini Split Unit Air Conditioner

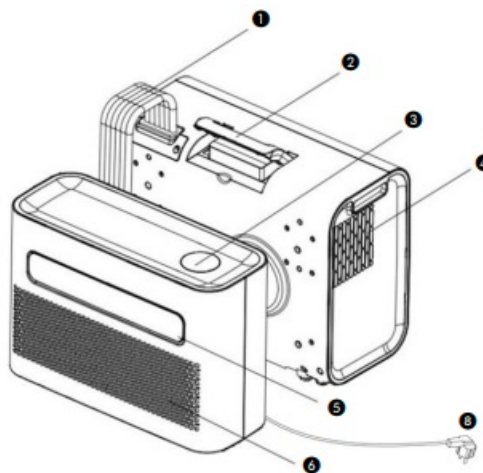


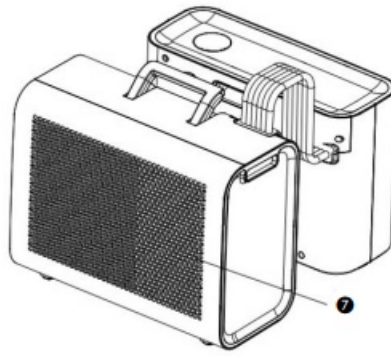
MS-AC 5001



IMPORTANT COMPONENTS

1. Hose
2. Handle
3. Control panel
4. Outdoor unit air outlet
5. Indoor unit air outlet
6. Indoor unit air inlet
7. Outdoor unit air inlet
8. Power cord

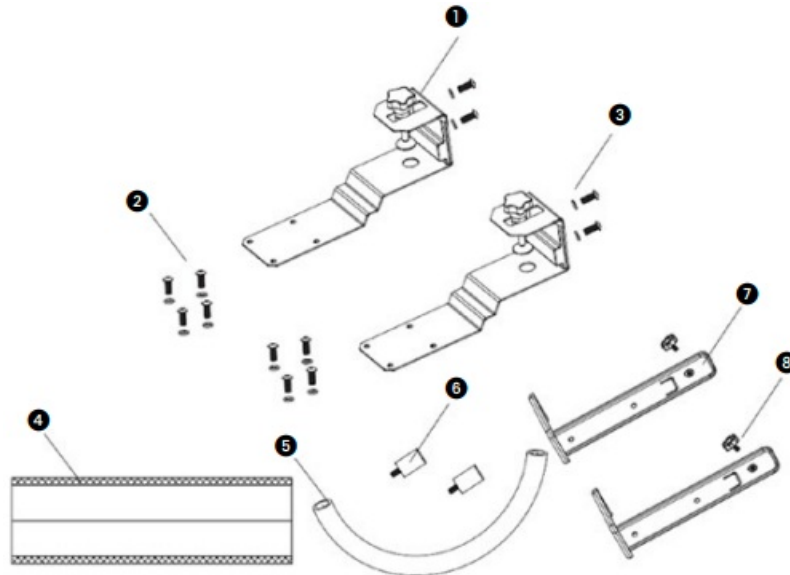




1. READ THE DIRECTIONS FOR USE FIRST.
2. IN CASE OF ANY DOUBT, CONTACT YOUR DEALER.

WHAT'S INCLUDED

1. Outside bracket
2. M6 Screw
3. Gasket of M6 screw
4. Protection sleeve
5. Drain hose
6. Shockproof rubber dampers
7. Inside bracket
8. Hand screw



Diagrams for illustrative purposes only

Dear Sir, Madam,

Congratulations on the purchase of this appliance. You have acquired a high quality appliance that will provide you with many years of pleasure, on condition that you use it responsibly. Reading these instructions for use before operating the appliance will optimise its life span. We wish you comfort with the new appliance.

Yours sincerely,
PVG Holding B.V.

SAFETY INSTRUCTIONS

Read this user manual carefully before using the appliance and keep it for future reference.

Install this appliance only when it complies with local/national legislation, ordinances and standards. This appliance is intended to be used as an air conditioner in residential houses and is only suitable for use in dry locations, in a caravan, in normal household conditions, indoors in living room, kitchen and garage.

IMPORTANT

- Never use the appliance with a damaged power cord, plug, cabinet or control panel. Never trap the power cord or allow it to come into contact with sharp edges.
- The installation must be completely in accordance with local regulations, ordinances and standards.
- The appliance is suitable exclusively for use in dry places, indoors.
- Check the main voltage. This appliance is suitable exclusively for earthed sockets – connection voltage 220-240 Volt/ 50 Hz.
- The appliance **MUST** always have an earthed connection. You may absolutely not connect the appliance if the power supply is not earthed.
- The plug must always be easily accessible when the appliance is connected.
- Read these instructions carefully and follow the directions

Before connecting the appliance, check that:

- The connection voltage corresponds to that on the type plate.
- The socket and power supply are suitable for the appliance.
- The plug on the cable fits the socket.
- The appliance is on a stable and flat surface.
- A distance of 50cm should be left between the appliance and other objects from front side and 20cm should be left between the appliance and other objects from left and right sides.

Have the electrical installation checked by a recognized expert if you are not sure that everything is in order.

- This appliance is a safe appliance, manufactured in accordance with CE safety standards. Nevertheless, as with every electrical appliance, exercise caution when using it.
- Never cover the air inlets and outlets.
- Empty the water reservoir through the water drain before moving it.
- Never allow the appliance to come into contact with chemicals.
- Do not insert objects into the openings of the appliance.
- Never allow the appliance to come into contact with water. Do not spray the appliance with water or submerge it as this may cause a short circuit.
- Always take the plug out of the socket before cleaning or replacing the device or a part of the device.

- NEVER connect the device with the aid of an extension cable. If a suitable, earthed socket is not available, have one fitted by a recognised electrician.
- Always consider the safety of children in the vicinity of this device, as with every electrical device.
- Always have any repairs – beyond regular maintenance – carried out by a recognized service engineer. Failure to do so may lead to invalidation of the guarantee.
- Always take the plug out of the socket when the appliance is not in use.
- If the power cable is damaged, it must be replaced by the manufacturer, its customer service department or persons with comparable qualifications in order to prevent danger.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

ATTENTION!

- Never seal the room – where this appliance will be used – completely airtight.
This will prevent under pressure in this room. Under pressure can disrupt the safe operation of geysers, ventilation systems, ovens, etc.
- Failing to follow the instructions may lead to nullification of the guarantee on this device.





Specific information regarding appliances with R290 refrigerant gas.

- Thoroughly read all of the warnings.
- When defrosting and cleaning the appliance, do not use any tools other than those recommended by the manufacturing company.
- The appliance must be placed in an area without any continuously sources of ignition (for example: open flames, gas or electrical appliances in operation).
- Do not puncture and do not burn.
- This appliance contains X g of R290 refrigerant gas.
- R290 is a refrigerant gas that complies with the European directives on the environment. Do not puncture any part of the refrigerant circuit. Be aware the refrigerants may not contain an odour.
- If the appliance is installed, operated or stored in a nonventilated area, the room must be designed to prevent to the accumulation of refrigerant leaks resulting in a risk of fire or explosion due to ignition of the refrigerant caused by electric heaters, stoves, or other sources of ignition.

- The appliance must be stored in such a way as to prevent mechanical failure.
- Individuals who operate or work on the refrigerant circuit must have the appropriate certification issued by an accredited organization that ensures competence in handling refrigerants according to a specific evaluation recognized by associations in the industry.
- Repairs must be performed based on the recommendation from the manufacturing company.

Maintenance and repairs that require the assistance of other qualified personnel must be performed under the supervision of an individual specified in the use of flammable refrigerants.

Appliances shall be installed, operated and stored in a room with a floor area larger than 4 m². The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

Explanation of symbols displayed on the unit (For the unit adopts R32/R290 Refrigerant only):	
	<p>WARNING:</p> <p>This symbol shows that this appliance used a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.</p>
	<p>CAUTION:</p> <p>This symbol shows that the installation manual should be read carefully.</p>
	<p>CAUTION:</p> <p>This symbol shows that the installation manual should be read carefully.</p>
	<p>CAUTION:</p> <p>This symbol shows that the technical manual should be read carefully.</p>

INSTRUCTIONS FOR REPAIRING APPLIANCES CONTAINING R290

1 GENERAL INSTRUCTIONS

This instruction manual is intended for use by individuals possessing adequate backgrounds of electrical, electronic, refrigerant and mechanical experience.

1.1 Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

1.2 Work procedure

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

1.3 General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Make sure that the conditions within the area have been made safe by control of flammable materials.

1.4 Checking for presence of refrigerant

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

1.5 Presence of fire extinguisher

If any hotwork is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO₂ fire extinguisher adjacent to the charging area.

1.6 No ignition sources

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

1.7 Ventilated area

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

1.8 Checks to the refrigeration equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants: – the charge size is in accordance with the room size within which the refrigerant containing parts are installed.

- The ventilation machinery and outlets are operating adequately and are not obstructed.
- If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
- Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected.
- Refrigeration pipe or components are installed in a position where they are unlikely to be

exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

1. 9 Checks to electrical devices

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

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

2 REPAIRS TO SEALED COMPONENTS

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

2.2 Particular attention shall be paid to the following to ensure that with working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.

Ensure that the appliance is mounted securely.

Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

NOTE The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

3 REPAIR TO INTRINSICALLY SAFE COMPONENTS

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use.

Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test appliance shall be at the correct rating.

Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

4 CABLING

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continuous vibration from sources such as compressors or fans.

5 DETECTION OF FLAMMABLE REFRIGERANTS

Under no circumstances shall potentially sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) may not be used.

6 LEAK DETECTION METHODS

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need recalibration. (Detection equipment shall be calibrated in a refrigerant-free area.)

Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed.

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

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

If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

7 REMOVAL AND EVACUATION

When breaking into the refrigerant circuit to make repairs – or for any other purpose – conventional procedures shall be used. However, it is important that good practice is followed since flammability is a consideration. The following procedure shall be adhered to: remove refrigerant; purge the circuit with inert gas; evacuate; purge again with inert gas; open the circuit by cutting or brazing. The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be “flushed” with OFN to render the appliance safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system.

When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipework are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

8 CHARGING PROCEDURES

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

Ensure that contamination of different refrigerants does not occur when using charging equipment. Hoses or lines must be as short as possible to minimise the amount of refrigerant contained in them. Cylinders shall be kept upright. Ensure that the refrigeration system is earthed prior to charging the system with refrigerant. Label the system when charging is complete (if not already). Extreme care shall be taken to not overfill the refrigeration system. Before recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the location.

9 DECOMMISSIONING

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended that all refrigerants are

recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that 4 GB electrical power is available before the task is commenced.

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

10 LABELLING

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

11 RECOVERY

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

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

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery appliances and especially not in cylinders.

If compressors or compressor oils are to be removed, ensure that it has been evacuated to an acceptable level to make sure that flammable refrigerant does not remain within the lubricant.

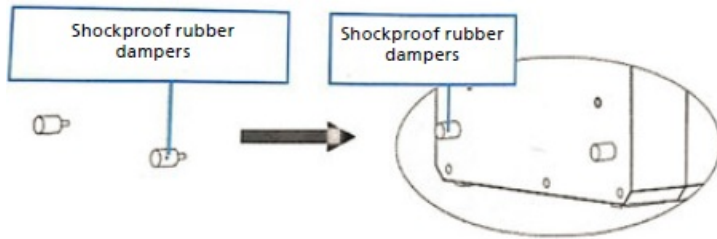
The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

B INSTALLATION OF THE APPLIANCE

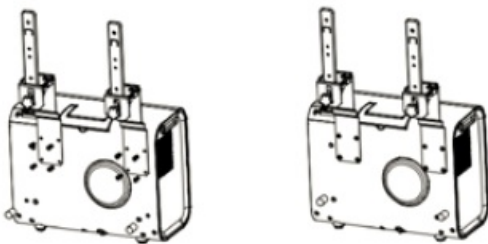
1. Unpack the appliance and accessories and check that the hose between the indoor and outdoor unit is properly connected. Also check whether the condensation drain has a rubber cover. Finally, check whether the accessories are complete.

2.1 Install the accessories as shown in the picture. Connect the outer bracket to the support block and the inner bracket by tightening the M6 screws. This is how to form the carrying handle.

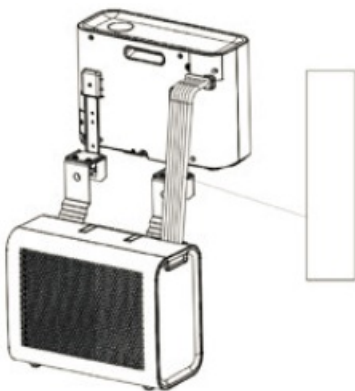
2.2 Place the shockproof rubber dampers on the back of the outdoor unit.



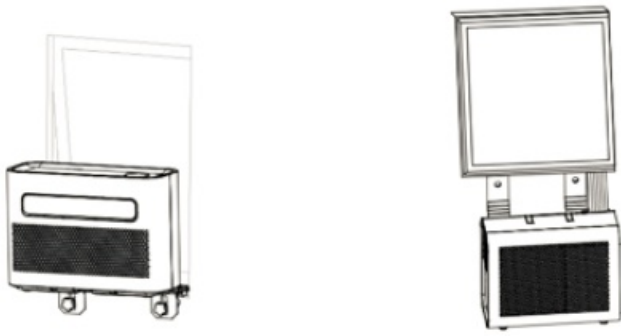
2.3 Install the bracket as shown in the figure below. Install the indoor and outdoor units on the bracket to fix the two parts. To secure the appliances to the bracket, tighten the M6 screws in the appropriate holes.



2.4 Install the indoor unit on the bracket and tighten the bracket properly. Next, wrap the protection sleeve on the hose between the outdoor and indoor unit (See the illustration below).

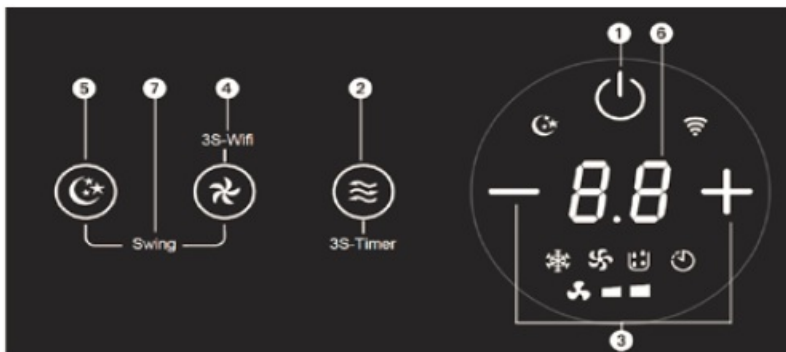


2.5 Install the complete appliance in the caravan window and tighten the bracket properly.



2.6 the drain hose must always be installed on the outdoor unit. If this is not done, the tank will fill up and the appliance will stop until the tank is emptied.

C OPERATION OF CONTROL PANEL



1. Power

Press this key to turn the appliance on and off.

When the appliance is turned on, the temperature is set to 22°C by default. The temperature sensor measures the ambient temperature and if exceeds 22°C, the outdoor unit starts to work to bring the temperature down. If the ambient temperature already below 22°C, then the outdoor unit does not start.

2. Mode

Press this key to select cooling, fan, dehumidification modes;

In standby/turned on mode, by pressing this key for 3 seconds to set timing on/off.

3. Temperature / time adjustment

In cooling mode, press the key to increase or decrease the temperature, the setting temperature adjustable from 16~30°C;

In timer mode, press the key to adjust time to turn on/turn off the appliance.

Press Up/Down key at the same time to transfer between °C and °F.

4. Fan speed

Press the key to choose low/high fan speed.

5. Sleep mode

Whilst within sleep mode you can set the desired temperature. The appliance will work towards this temperature, but reduces noise and light from every source. This means a low ventilation speed and a lowered compressor noise level. Over the next 8-10 hours the appliance will further reduce its noise meaning temperature levels can increase. After this time the appliance will shut off.

6. Display window

Check temperature and time from this window.

7. Swing

Press fan speed and sleep mode key at the same time to turn on/off swing function.

D MAINTENANCE

DECLARATION:

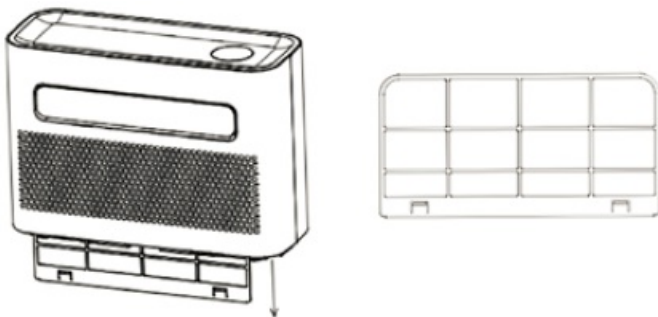
- 1) Ensure the appliance is unplugged before maintenance.
- 2) Do not use gasoline or other chemicals to clean the appliance
- 3) Do not wash the appliance directly;
- 4) If the appliance is damaged, please contact the dealer or repair shop.

CLEANING

CAUTION: Unplug the power cord before cleaning the maintenance.

1. AIR FILTER

- It is important to regularly remove the dust from the filter.
- Remove the filter as shown in the picture below.
- Clean the filter with tap water and / or a vacuum cleaner to remove any dirty from the filter.
- Do not use water hotter than 40°C for cleaning and do not expose the filter to the sun.
- Make sure the filter has dried before putting it back in the appliance.

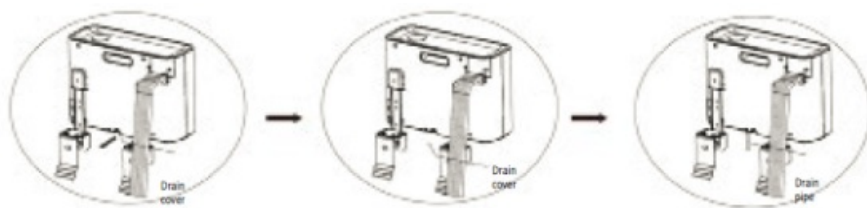


2. CLEAN THE APPLIANCE'S SURFACE

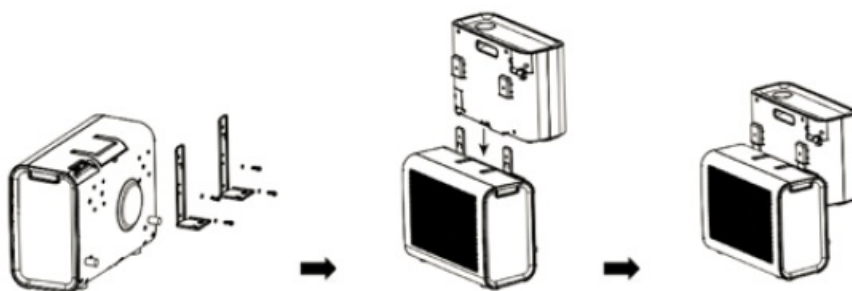
- First clean the surface with a neutral detergent and wet cloth
- Then dry the appliance thoroughly with a dry cloth.
- Do not allow water or detergent to enter the appliance.
- Do not clean the appliance with an aggressive cleaning agent and/or petrol.

STORAGE

If you are planning to store the appliance without using it for a long time, please remove the drain cover from the drain hole at the bottoms both of indoor unit and outdoor unit, and drain all the condensation water appropriately in available place.



1. Remove the appliance from the window.
2. Remove the rubber seal from the indoor unit and outdoor unit, drain the condensate water.
3. Let it running in fan mode to make the internal parts dry.
4. Turn off the appliance and pull down the plug.
5. Wash the filter, then install.
6. Remove all the brackets on the appliance, install the brackets of the indoor unit on the outdoor unit, assemble as shown in the figure below, and then store the appliance against the wall.
7. Store the appliance in a cool and dry place.
8. We recommend to put the appliance back in its packaging when you store it. This prevents dirt and dust from collecting on the appliance.



E WIFI SETUP AND SMART FEATURES

WIFI SETUP BEFORE YOU START

- Ensure the router provides a standard 2.4ghz connection.
- If the router is dual band ensure that both networks have different network names (SSID). The provider of this router / Internet service provider will be able to provide advice specific to the router.
- Place the appliance as close as possible to the router during setup.
- Once the app has been installed on your phone, turn off the data connection, and ensure your phone is connected to your router via wifi.

DOWNLOAD THE APP TO YOUR PHONE

- Download the "SMART LIFE" app, from your chosen app store, using the QR codes below, or by searching for the app in your chosen store.



CONNECTION METHODS AVAILABLE FOR SETUP

- The appliance has two different setup modes, Quick Connection and AP (Access Point). The quick connection is a quick and simple way to set the appliance up. The AP connection uses a direct local wifi connection between your phone and the appliance to upload the network details.
- In Standby mode press and hold the fan button for 3 seconds (until you hear a bleep) to enter the wifi connection mode.
- Please make sure the appliance is in the correct wifi connection mode for the connection type you are attempting, the flashing of the wifi light on the appliance will indicate this.

Connection Type Frequency of Flashes Frequency of Flashes
Quick Connection Flashes twice per second
AP (Access Point) Flashes once per three seconds

CHANGING BETWEEN CONNECTION TYPES

To change the appliance between the two wifi connection modes, hold the fan button for 3 seconds.

F SMART HOME WIFI CONNECTION GUIDE

INSTALL APP

Download the “Smart life” app from the Play Store (Android) or App Store (iOS).

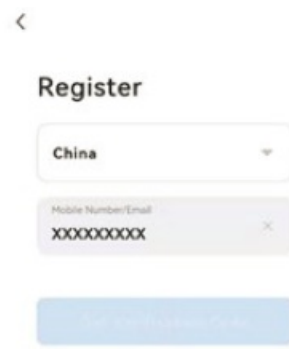
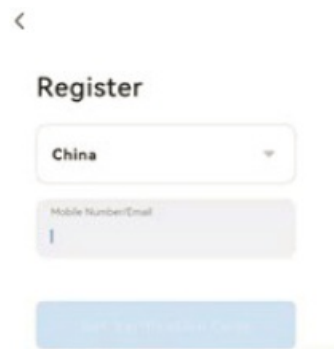


REGISTER

If you do not have a Smarter Home account, register or sign in with a verification code sent by SMS.

To register:

1. Tap to enter registration page
2. The system automatically recognizes your country/area. It is also possible to select the country code manually. Enter a mobile phone number/ email address and tap “Next”.
- 3.
4. If you choose the mobile phone number option, then enter the verification code in the message sent to you by SMS. Set a password as prompted and press “Confirm” to finish the registration.



ADD APPLIANCE THROUGH NETWORK

1. Turn the appliance on, when the appliance is in standby mode, press the “FAN” button for 3 seconds to enter Wifi-connect mode.
2. Open Smart Home app and tap “+” in the upper right to add a new appliance through the network.
3. Ensure that the appliance’s indicator light rapidly flashes (2 times per second) and tap “Confirm light is rapidly flashing”.
4. Select Wi-Fi network (note: network must be 2.4 Ghz band) and enter the password .The appliance will commence the pairing process and connect to the app.



5. After successfully configuring the appliances the AC will be shown on the smart home page. Tap to enter its control page.

G TROUBLE SHOOTING GUIDE

Do not repair or disassemble the appliances. Unqualified repair will invalidate the warranty and may lead to failure, causing injuries and property damage. Only use it as directed in this user manual and only perform operations advised here.

Problem	Reasons	Solution
The appliance does not turn on.	No power.	Turn power on.
	Damaged electrical outlet.	Turn off the power and check/repair the power outlet.
	Unknown reason.	Contact the dealer.
Little air displacement or limited cooling effect.	The lowest ventilation setting is selected.	Select the high ventilation speed mode.
	The air filter is dirty.	Check and clean the filter.
	The air supply or exhaust of the indoor unit is blocked.	Check that the appliance is not blocked and remove the obstruction.
	The air supply or exhaust from the outdoor unit is blocked.	Check that the appliance is not blocked and remove the obstruction.
	The ambient temperature is too low or high.	The ambient temperature must be between 18 and 40°C.
	Insufficient voltage from the power supply.	Consult an installer or use a different power connection.
Air displacement only but no cooling effect.	The appliance runs in ventilation mode.	Select the cooling mode (A/C).
	The cooling mode has just turned off automatically.	Wait about 3-5 minutes until the thermostat switches on again.
Abnormal sounds or vibrations.	The mounting brackets are not properly installed on the vehicle, or the appliance mounting screws are not sufficiently tightened.	Check that the mounting bracket is tight and tighten the appliance's mounting screws.
Water is leaking from the indoor unit.	The rubber stopper on the bottom of the indoor unit is missing, or is not pressed enough.	Check or replace the rubber stopper.
	The appliance is at an angle	The appliance must be mounted horizontally (maximum angle <3°.)
The appliance emits a related odor.	There is a serious problem.	Turnoff the appliance immediately and contact the dealer.

If problems not listed in the table occur or recommended solutions do not work, please contact the service centre.

H ERROR CODE LIST

If the appliance does not work or works insufficiently:

Check if an error code is visible in the display, refer to the code table for a solution. If no error code is visible in the display, go through the error table for a possible solution.

Error code	Cause	Solution
FL	Water full alarm	Take off rubber stopper and empty the water
E1	System temperature sensor fault	Replace System temperature sensor
E2	Room temperature sensor fault	Replace Room temperature sensor
EF	Indoor motor fault	Replace motor
F4	Freeze protection	Check that the air outlet is not blocked, keep the air deflector open
Ec	System protection	Restart the system after 10 minutes

I FUSE PARAMETERS

Voltage: 250 V

Current: 3,15 A

Type : T

J WASTE DISPOSAL

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge. Do not throw batteries into the fire, where they can explode or release dangerous liquids. If you replace or destroy the remote control, remove the batteries and throw them away in accordance with the applicable regulations because they are harmful to the environment.

Environmental information: This equipment contains fluorinated greenhouse gases covered by the Kyoto Protocol. It should only be serviced or dismantled by professional trained personnel.


This equipment contains R290 refrigerant in the amount as stated in the table above. Do not vent R290 into atmosphere: R290, is a fluorinated greenhouse gas with a Global Warming Potential (GWP) = 3.

Distributed in Europe by PVG Holding B.V.

For alle yderligere oplysninger eller ved eventuelle problemer med apparatet henvises til www.qlima.com eller det lokale Kundecenter (T: +45 77 34 33 30).

PVG Holding BV – Kanaalstraat 12 C – 5347 KM Oss – the Netherlands
P.O. Box 96 – 5340 AB Oss – the Netherlands

Documents / Resources

	<p>Qlima MS-AC 5001 Mini Split Unit Air Conditioner [pdf] Instruction Manual MS-AC 5001 Mini Split Unit Air Conditioner, MS-AC 5001, Mini Split Unit Air Conditioner, Unit Air Conditioner, Air Conditioner, Conditioner</p>
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References

- [Qlima homepage](#)
- [Welcome to Comfortable Living: Explore Qlima's Home Page for Innovative Heating and Cooling Solutions](#)
- [Home page Qlima.es](#)
- [Page d'accueil Qlima](#)
- [Qlima, esperti del comfort domestico](#)
- [Qlima - Jouw Specialist in Verwarming, Koeling en Luchtbehandeling](#)
- [User Manual](#)

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