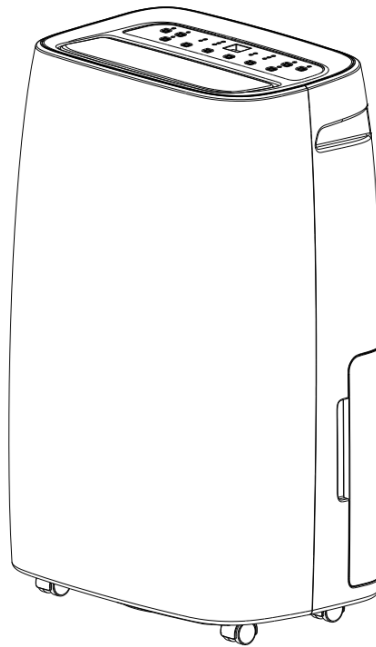


Dehumidifier User's Manual(R290)

For Model :

D008B-30L



KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

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Thank you for choosing a Dehumidifier to provide you and your family with your home comfort needs. This owner's manual will provide you with valuable information necessary for the proper care and maintenance of your new dehumidifier. Please take a few moments to read the instructions thoroughly and familiarize yourself with all the operational aspects of this dehumidifier.

This unit removes unwanted moisture from the air to create a more comfortable environment in your home or office. It can be conveniently moved from room to room within your home.

1. Features

Powerful Dehumidifying Capability

Taking advantage of refrigeration technology, the dehumidifier powerfully removes moisture from the air to decrease the humidity level of the room and keep the indoor air dry and comfortable.

Quiet Operation

The dehumidifier operates with a low noise level.

Energy Efficient

The power consumption of the unit is low.

2. Security Warning

VERY IMPORTANT!

Please do not install or use your mobile air conditioner before you have carefully read this manual.

Please keep this instruction manual for an eventual product warranty and for future reference.

Warning

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).

Do not pierce or burn.

Be aware the refrigerants may not contain an odour.

Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m².

Servicing shall be performed only as recommended by the manufacturer.

The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

All working procedure that affects safety means shall only be carried by competent persons.

WARNING

Specific information regarding appliances with R 290 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 Y g (see rating label back of unit) 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.

- 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.
 - The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation
-
- 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.
 - Do not use a bad or unsuitable socket.
 - Do not use machines in the following situations
 - A: Near to source of fire.
 - B: An area where oil is likely to splash.
 - C: An area exposed to direct sunlight.
 - D: An area where water is likely to splash.
 - E: Near a bath, a shower or a swimming pool.
 - Never insert your fingers, rods into the air outlet. Take special care to warn children of these dangers.
 - Keep the unit upward while transport and storage, for the compressor locates properly.
 - Before cleaning the appliance, always turn off or disconnect the power supply.
 - When moving the appliance, always turn off and disconnect the power supply, and move it slowly.
 - To avoid the possibility of fire disaster, the appliance shall not be covered.
 - All the appliance sockets must comply with the local electric safety requirements. If necessary, please check it for the requirements.

- Young children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capacities, 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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.
- The appliance shall be installed in accordance with national wiring regulations.
- Details of type and rating of fuses: T, 250V AC, 2A. or 3.15A.
- Recycling



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

- GWP: R290: 3
- Contact authorized service technician for repair or maintenance of this unit.
- Do not pull , deform . or modify the power supply cord , or immerse it in water . Pulling or misuse of the power supply cord can result in damage to the unit and cause electrical shock.
- Compliance with national gas regulations shall be observed.

- Keep ventilation openings clear of obstruction.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer . Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- Do not operate or stop the unit by inserting or pulling out the power plug, it may cause electric shock or fire due to heat generation .
- Unplug the unit if strange sounds, smell, or smoke comes from it.



Notes:

- If any parts damage, please contact the dealer or a designated repair shop;
- In case of any damage, please turn off the air switch, disconnect the power supply, and contact the dealer or a designated repair shop;
- In any case, the power cord shall be firmly grounded.
- To avoid the possibility of danger, if power cord is damaged, please turn off the air switch and disconnect the power supply. It must be replaced from the dealer or a designated repair shop.

INSTRUCTIONS FOR REPAIRING APPLIANCES CONTAINING R290

1 GENERAL INSTRUCTIONS

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 minimise 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. Ensure that the conditions within the area have been made safe by control of flammable material.

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 hot work 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

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

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.

Servicing shall be performed only as recommended by the manufacturer.

The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

2.2 Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus 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 apparatus shall be at the correct rating. Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

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 continual vibration from sources such as compressors or fans.

5 DETECTION OF FLAMMABLE REFRIGERANTS

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

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 pipe-work. If a leak is suspected, all naked flames shall be removed/extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by

means of shut off valves) in a part of the system remote from the leak. 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 best practice is followed since flammability is a consideration. The following procedure shall be adhered to: remove refrigerant; purge the circuit with inert gas; evacuate; purge 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 unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task. Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is 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 shall 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 not to overfill the refrigeration system.

Prior to 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 site.

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

- Become familiar with the equipment and its operation.
- Isolate system electrically.
- Before attempting the procedure ensure that :mechanical handling equipment is available, if required, for handling refrigerant cylinders; all personal protective equipment is available and being used correctly; the recovery process is supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards.
- 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.
- Start the recovery machine and operate in accordance with manufacturer's instructions.
- Do not overfill cylinders. (No more than 80 % volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder,even temporarily.
- When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- 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 good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge 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 machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

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

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

Competence of service personnel

General

Special training additional to usual refrigerating equipment repair procedures is required when equipment with flammable refrigerants is affected.

In many countries, this training is carried out by national training organisations that are accredited to teach the relevant national competency standards that may be set in legislation.

The achieved competence should be documented by a certificate.

Training

The training should include the substance of the following:

Information about the explosion potential of flammable refrigerants to show that flammables may be dangerous when handled without care.

Information about potential ignition sources, especially those that are not obvious, such as lighters, light switches, vacuum cleaners, electric heaters.

Information about the different safety concepts:

Unventilated – (see Clause GG.2) Safety of the appliance does not depend on ventilation of the housing. Switching off the appliance or opening of the housing has no significant effect on the safety. Nevertheless, it is possible that leaking refrigerant may accumulate inside the enclosure and flammable atmosphere will be released when the enclosure is opened.

Ventilated enclosure – (see Clause GG.4) Safety of the appliance depends on ventilation of the housing. Switching off the appliance or opening of the enclosure has a significant effect on the safety. Care should be taken to ensure a sufficient ventilation before.

Ventilated room – (see Clause GG.5) Safety of the appliance depends on the ventilation of the room. Switching off the appliance or opening of the housing has no significant effect on the safety. The ventilation of the room shall not be switched off during repair procedures.

Information about the concept of sealed components and sealed enclosures according to IEC 60079-15:2010.

Information about the correct working procedures:

a) Commissioning

- Ensure that the floor area is sufficient for the refrigerant charge or that the ventilation duct is assembled in a correct manner.
- Connect the pipes and carry out a leak test before charging with refrigerant.
- Check safety equipment before putting into service.

b) Maintenance

- Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
- Ensure sufficient ventilation at the repair place.
- Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause any spark. The standard procedure to short circuit the capacitor terminals usually creates sparks.
- Reassemble sealed enclosures accurately. If seals are worn, replace them.
- Check safety equipment before putting into service.

c) Repair

- Portable equipment shall be repaired outside or in a workshop specially equipped for servicing units with flammable refrigerants.
- Ensure sufficient ventilation at the repair place.
- Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause any spark.
- When brazing is required, the following procedures shall be carried out in the right order:
 - Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
 - Evacuate the refrigerant circuit.
 - Purge the refrigerant circuit with nitrogen for 5 min.
 - Evacuate again.
 - Remove parts to be replaced by cutting, not by flame.
 - Purge the braze point with nitrogen during the brazing procedure.
 - Carry out a leak test before charging with refrigerant.
- Reassemble sealed enclosures accurately. If seals are worn, replace them.
- Check safety equipment before putting into service.

d) Decommissioning

- If the safety is affected when the equipment is putted out of service, the refrigerant charge shall be removed before decommissioning.
- Ensure sufficient ventilation at the equipment location.
- Be aware that malfunction of the equipment may be caused by refrigerant loss and a refrigerant leak is possible.
- Discharge capacitors in a way that won't cause any spark.
- Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
- Evacuate the refrigerant circuit.
- Purge the refrigerant circuit with nitrogen for 5 min.
- Evacuate again.
- Fill with nitrogen up to atmospheric pressure.

- Put a label on the equipment that the refrigerant is removed.

e) Disposal

- Ensure sufficient ventilation at the working place.
- Remove the refrigerant. If the recovery is not required by national regulations, drain the refrigerant to the outside. Take care that the drained refrigerant will not cause any danger. In doubt, one person should guard the outlet. Take special care that drained refrigerant will not float back into the building.
- Evacuate the refrigerant circuit.
- Purge the refrigerant circuit with nitrogen for 5 min.
- Evacuate again.
- Cut out the compressor and drain the oil.

Transportation, marking and storage for units that employ flammable refrigerants

Transport of equipment containing flammable refrigerants

Attention is drawn to the fact that additional transportation regulations may exist with respect to equipment containing flammable gas. The maximum number of pieces of equipment or the configuration of the equipment, permitted to be transported together will be determined by the applicable transport regulations.

Marking of equipment using signs

Signs for similar appliances used in a work area generally are addressed by local regulations and give the minimum requirements for the provision of safety and/or health signs for a work location.

All required signs are to be maintained and employers should ensure that employees receive suitable and sufficient instruction and training on the meaning of appropriate safety signs and the actions that need to be taken in connection with these signs.

The effectiveness of signs should not be diminished by too many signs being placed together. Any pictograms used should be as simple as possible and contain only essential details.

Disposal of equipment using flammable refrigerants

See national regulations.

Storage of equipment/appliances

The storage of equipment should be in accordance with the manufacturer's instructions.

Storage of packed (unsold) equipment

Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge.

The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

General Safety Instruction

CAUTION

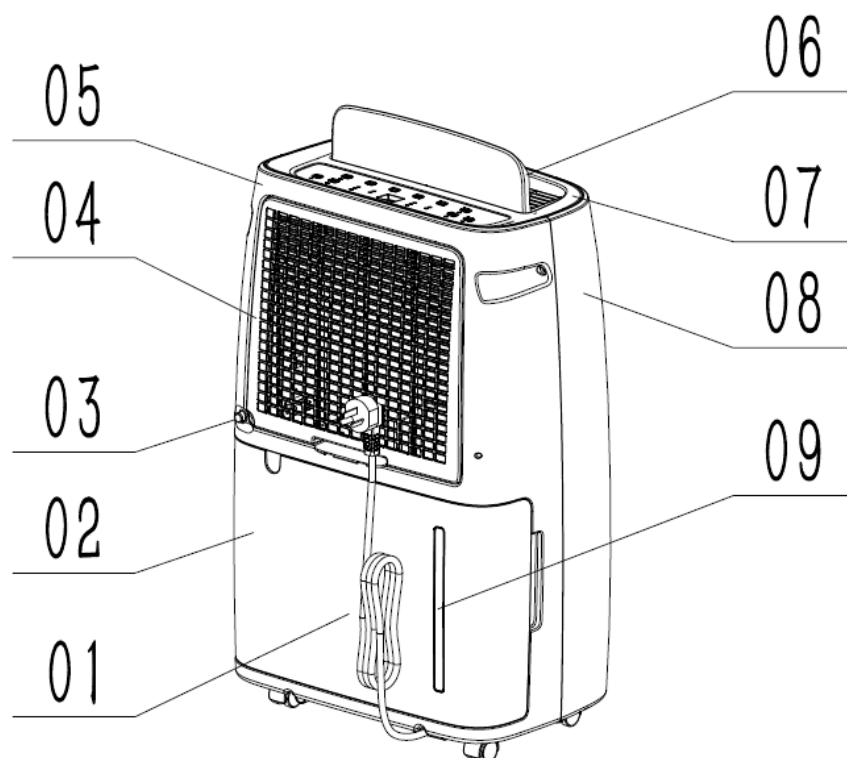
Before you use the machine, please read the instructions carefully so that you can maximize the use of all the features of the machine. This instruction is for guidance only and is not part of the contract, we reserve the right to make technical changes and we will not notify you before the amendment.

Notice before use

1. " PLEASE MAKE SURE THE PRODUCT VENTILATES ALL THE TIME " ! Please make sure the inlet and outlet ventilation is not blocked at all times.
2. Operate this unit on a horizontal surface to avoid water leakage.
3. Do not operate this unit in an explosive or corrosive atmosphere.
4. Machine working environment temperature: cooling at 5 °C-35 °C.
5. When the unit is shut off, please wait at least 3 minutes before restarting this is to prevent the compressor from being damaged.
6. Use separate power supply, prohibit the sharing of a socket with other electrical appliances, Power outlet specifications should not be less than 10A, sockets must be firmly safe.
7. Power: **220-240V/50hz.**
8. Discard water that has collected in the tank as required.
9. Do not submerge the unit in water, or place the unit close to water.
10. Do not sit or stand on the unit.
11. Discard water that has collected in the tank as required.
12. Do not operate the dehumidifier in a closed area such as inside a closet, as it may cause a fire.
13. Install drain piping at a downhill grade to make sure that condensed water can be drained continuously.

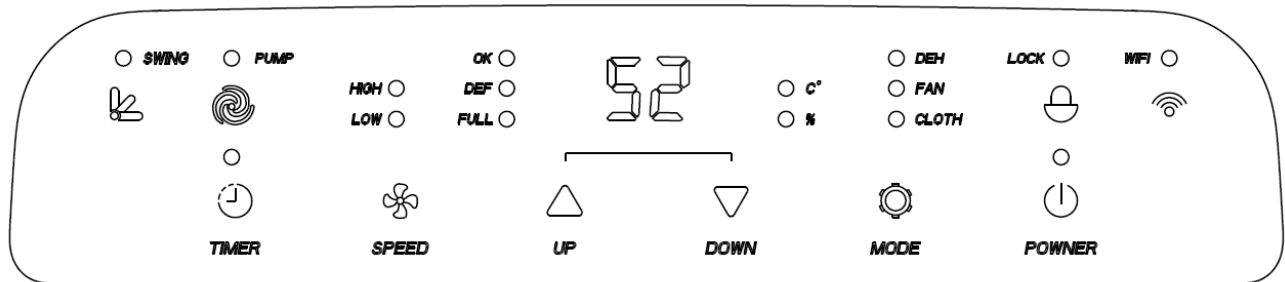
3.Product Diagram

Parts



- | | | |
|------------------|----------------|------------------------|
| 1. Supply cord | 2. Tank | 3. continuous drainage |
| 4. Filter screen | 5. Back shell | 6. Air outlet |
| 7. Top cover | 8. Front shell | 9. Water indicator |

4. Operating Instructions



1、POWER (On/Off): The unit can be switched on or off. After boot, the current humidity will be displayed with the defaults of continuous mode "CO", and the compressor will then start immediately for dehumidification with POWER indicator lamp lit (when the compressor stops, it flashes).

2、SPEED: Fan speed can be switched between high or low.

Note: In comfortable mode ("AU") when the room temperature is more than 27 degree, the wind speed is fixed.

3、UP-DOWN (HUM+, HUM-) : Set the required humidity among the follows: "CO" (continuous), "30%", "50", "35%", "40%", "45%", "50%"..... "85", "90", "AU" (comfort), "CO" (continuous) cycle. The default mode is "CO".

Note: Press UP and DOWN at the same time to convert display of temperature or humidity, the indicator "°C" being for temperature and "%" for humidity.

4、TIMER: Timing setting.

A、In the power-on state, press the TIMER key to set the timer for the scheduled shutdown. In the off state, press the TIMER key to set the timer and when to start the dehumidifier.

B、Regular time range: 01~24 hours, timing setting: 00→01→02.....→23→24→00 cycle.

C、When the timing is set to power on, the timing setting is completed and the timing is displayed. When the timing is set to off, the timing setting is completed and the humidity is displayed after 5 seconds.

5、MODE key: mode conversion: dry clothes, fan, dehumidification;

6、 Pump automatic pumping function On/Off button: PUMP indicator, continuous drainage opening and closing.

7、 Swing: On/Off control of the “Swing” function;

After machine turns on, press this key, the louver will swing continuously left and right; by pressing this button again the movement will stop and the louver remain in that position.

8、 WIFI: long key This key can be used for WIFI function reset selection in 5 seconds.

6、 Child lock: Long key This key is 5 seconds for child lock switch selection:

After child lock is turned on, all button operations except child lock buttons cannot be operated.

7、 Hidden display: Dual 8-screen display on synchronous main operation display panel

Note: After the operation is completed 10S, all lights (including double 8) are all dimmed.

Function Description:

1、 Humidity automatic control operation function:

A、 When "CO" (continuous) operation is set to dehumidify, the dehumidifier will continue to operate regardless of the humidity level.

B、 If the indoor humidity is higher than or equal to 3% or more of the set humidity, the compressor and fan will run. The indicator light of the compressor will be on.

C、 After the humidity in the room is dehumidified, when the humidity drops below 2% of the set humidity, the compressor is turned off and the dehumidification is stopped. The indicator lamp (OK lamp) that reaches the humidity is on.

D、 If the dehumidifier stops dehumidifying and the humidity in the room rises above or equal to 3% or more of the set humidity, if the compressor has passed the three-minute protection status, the compressor will start dehumidifying.

E、 According to the above cycle operation, the indoor humidity can be maintained at the set humidity.

2、 Comfort (shows "AU") function:

A、 Below 5° C at room temperature, the dehumidifier stops;

B、 $5^{\circ}\text{C} \leq \text{room temperature} \leq 20^{\circ}\text{C}$, automatic selection set 60% humidity;

C、 $20^{\circ}\text{C} < \text{room temperature} \leq 27^{\circ}\text{C}$, automatically select setting 55% humidity;

D、 Room temperature $> 27^{\circ}\text{C}$, automatic selection set 50% humidity.

3、 Drying function: (CLOTH light)

A、 When this function is enabled, the dehumidifier will continue to operate (compressor, fan operation) regardless of the humidity level when the "CO" (continuous) operation dehumidifies.

B、 The wind speed is locked at high speed and cannot be adjusted.

4、 Fan

A、 The compressor does not work.

B、 The fan can choose two operating modes: high wind and low wind.

C、 Humidity setting button cannot be pressed in fan mode

5、 Full water protection:

A、 When the full water lasts for 3 seconds , the controller stops working and all outputs are turned off. The full water indicator is on (FULL, the buzzer sounds 15 rings. Press any key, the bee The alarm will stop immediately.

B、 When the full water fault is removed, the original machine's operating status is restored (the compressor must be protected by 3 minutes)

6、 Defrost function:

A、 When it is in defrosting, the compressor is turned off, the fan is defrosted by high winds, and the defrost indicator lights up (DEF).

B、 When the room temperature is less than or equal to 16°C , the temperature of the coil is not detected. According to the room temperature action, it is as follows::

Room temperature $< 5^{\circ}\text{C}$, the controller stops;

When $5^{\circ}\text{C} \leq \text{room temperature} \leq 12^{\circ}\text{C}$, the compressor is running for 30 minutes and the defrost is stopped for 10 minutes;

When $12^{\circ}\text{C} < \text{room temperature} \leq 16^{\circ}\text{C}$, the compressor is running for 45 minutes and the defrost is stopped for 10 minutes

C、 When the room temperature is greater than 16°C , the temperature of the coil is detected, and the operation is performed according to the temperature of the coil, as follows:

When the compressor is running for 30 minutes, the coil temperature is detected. If the coil temperature is $\leq 1^{\circ}\text{C}$, the defrosting is stopped for 10 minutes.

7、 Compressor delay protection:

A、 Every time the boot compressor is allowed to start immediately;

B、 After the compressor is shut down, start it again, with at least a 3-minute interval.

9、 WIFI

A、 Long press WIFI button 5S to enter WIFI factory configuration mode;

B、WIFI light: extinguished indicates that the dehumidifier is not connected to the WIFI; long light indicates that the dehumidifier has successfully connected to the WIFI;

C、The mobile phone APP through WIFI may realize all the functions related to the dehumidification machine.

10、Water pump settings

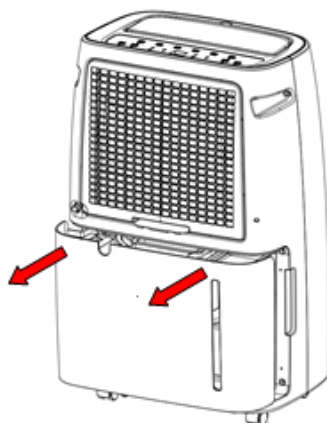
A、When you press the pump automatic pumping function ON/OFF button (PUMP button), the automatic pumping function of the pump is turned on, and the corresponding indicator lamp (PUMP lamp) is on;

WATER TANK DRAIN

When the drainage tank is full, the tank full indicator light will turn on, the operation will stop automatically and the buzzer will beep 15 times to alert the user, that the water need to be emptied from the drainage tank.

EMPTY TANK

1.Gently press on the sides of the tank and pull the tank out with both hands.

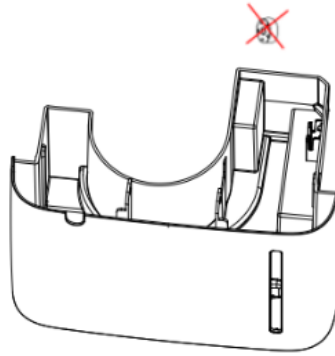


2.Empty the water in the tank.

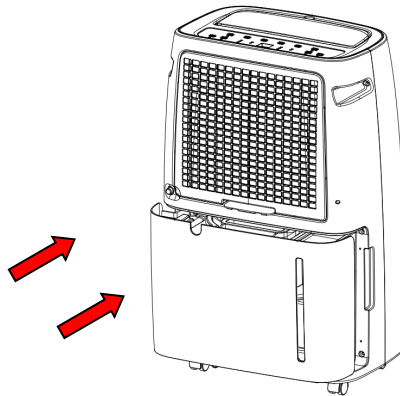


CAUTION

1. Do not remove the floater in the water tank, otherwise, the water sensor will not be able to sense the water level so that it can not operate normally.

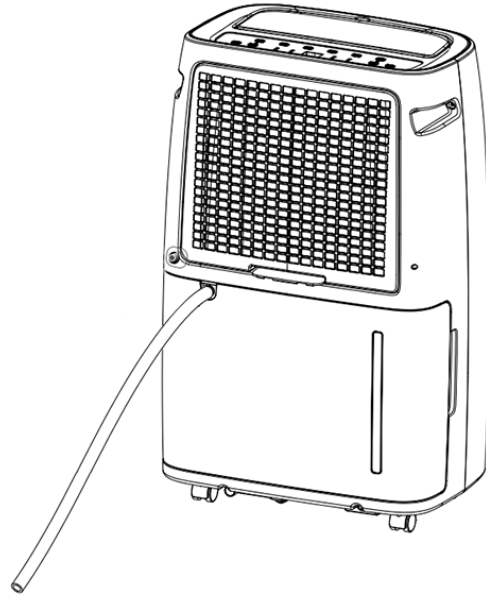
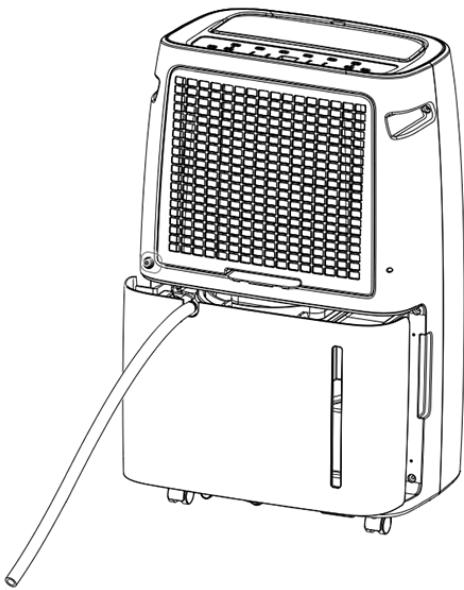


2. If the tank is dirty, use cold water or warm water cleaning. It is not possible to use detergents, steel velvet, chemical treated dusting cloth, gasoline, benzene, thinner or other solvents, because it may damage the water tank and cause water leakage.
3. When putting into the tank, press the tank tightly with both hands. If the water tank is not placed, the full water sensor will still be activated, and the dehumidifier will not work.



CONTINUOUS DRAINAGE

The dehumidifier has a continuous drainage hole, using a plastic tube (diameter 10mm) inserted in partition drainage hole, then outgoing from the tank side. When the water tank should be installed in place, and the drainage pipe straightened out, the water can be drained from the machine through the drainage hole.



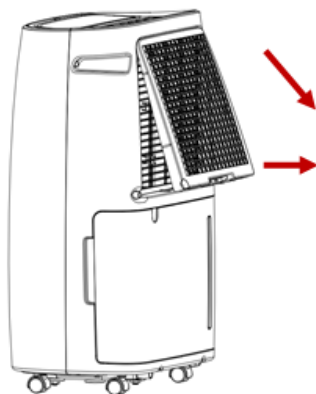
5.Maintenance

Body Cleaning

Wipe the body with a soft, damp cloth.

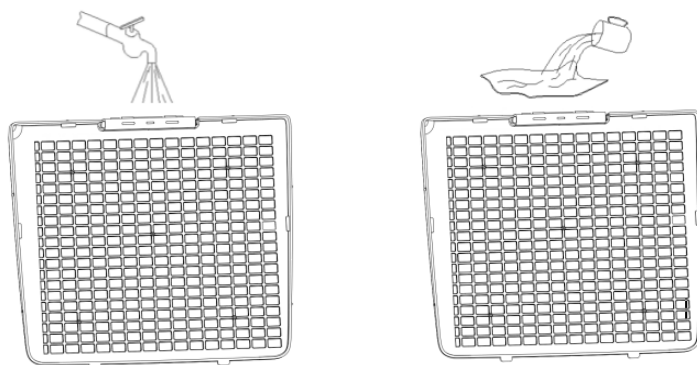
Filter Cleaning

1.Pull up the filter.



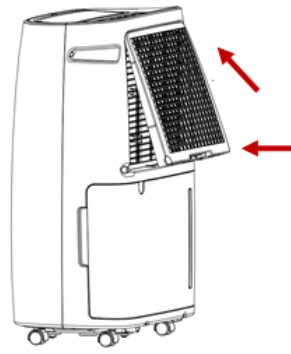
2.Clean Filter

Use a vacuum cleaner to gently absorb dust on filter screen surface. If very dirty, use warm water and gentle detergent. Keep dry.



3. Filter Installation

Insert the filter into the machine, and push the two hooks of the filter in place.



Dehumidifier Storage

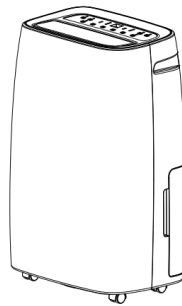
When you do not use this product for a long time and intend to store it, pay attention to the following steps:

Empty the water in the tank.

Roll up the power cord.

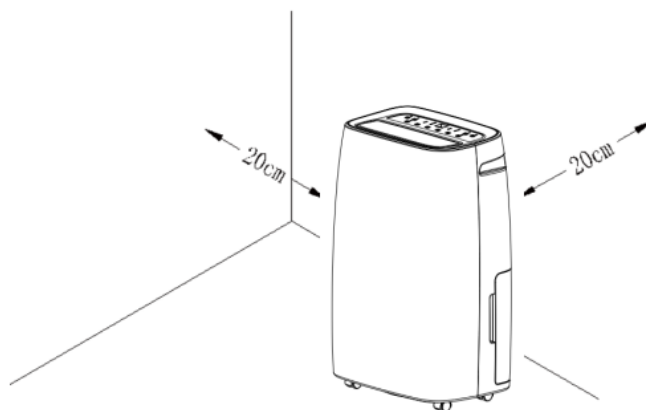
Cleaning strainer.

Place in a cool and dry place.



Space Distance

When the dehumidifier is working, make sure that the minimum distance between them is as shown in the following picture.



6. Troubleshooting

If a condition listed below occurs, please check the following items before calling customer service.

Failure	Potential causes of failure	Solution
The machine doesn't work.	Is the power line properly connected??	Connect the plug and socket well.
	Is the full water indicator light? (water tank full or not put in place)	Drain the water in the tank and put it in place.
	Is the room temperature is above 35 degrees or under 5 degrees?	The protection device is started and the machine cannot work.
Dehumidification function can not start.	Is the filter blocked?	Clean the filter screen according to the cleaning instructions of dehumidifier.
	Is the air inlet or outlet blocked?	Remove the obstruction from the air inlet or outlet.
Without wind	Is the filter plugged?	Clean the filter screen according to the cleaning instructions of dehumidifier.
It's noisy at work?	Is the machine tilted?	Move the machine to a flat, strong position.
	Is the filter blocked?	Clean the filter screen according to the cleaning instructions of dehumidifier.
E1 Code	Coil sensor short circuit or open circuit	Check whether the line is loose or replace the coil sensor.