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# MIDEA KD500SWBA1RC1 Owner's Manual

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----- Manual continues below part list -----

## Available Replacement Parts for MIDEA KD500SWBA1RC1

<a href="#">17120100000344</a>	Sensor (Humidity)
<a href="#">12100204000336</a>	Air Filter

DEHUMIDIFIER

# Owner's Manual & Installation Manual



**IMPORTANT NOTE:**

Read this manual carefully before installing  
or operating your new machine.

Make sure to save this manual for future reference.

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# Safety Precautions

## Read Safety Precautions Before Operation and Installation

To prevent death or injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause death, harm or damage.



### **WARNING**

This symbol indicates the possibility of personnel injury or loss of life.



### **CAUTION**

This symbol indicates the possibility of property damage or serious consequences.



### **WARNING**

- Do not exceed the rating of the power outlet or connection device.
- Do not operate or stop the unit by switching on or off the power.
- Do not damage or use an unspecified power cord.
- Do not modify power cord length or share the outlet with other appliances.
- Do not insert or pull out plug with wet hands.
- Do not install the appliance in a location that may be exposed to combustible gas.
- Do not place the unit near a heat source.
- Disconnect the power if strange sounds, smell, or smoke comes from it.
- You should never try to take apart or repair the unit by yourself.
- Before cleaning, turn off the power and unplug the unit.
- Do not use the machine near flammable gas or combustibles, such as gasoline, benzene, thinner, etc.
- Do not drink or use the water drained from the unit.
- Do not take the water bucket out during operation.
- Do not use the unit in small spaces.
- Do not put in places where water may splash onto the unit.
- Place the unit on a level, sturdy section of the floor.
- Do not cover the intake or exhaust openings with cloths or towels.
- Care should be taken when using the unit in a room with the following persons: infants, children, elderly people, and people not sensitive to humidity.
- Do not use in areas where chemicals are handled.
- Never insert your finger or other foreign objects into grills or openings. Take special care to warn children of these dangers.
- Do not place heavy object on the power cord and take care so that the cord is not compressed.
- Do not climb up on or sit on the unit.
- Always insert the filters securely. Clean filter once every two weeks.
- If water enters the unit, turn the unit off and disconnect the power, contact a qualified service technician.
- Do not place flower vases or other water container on top of the unit.
- Do not use extension cords.



## CAUTION

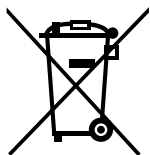
- This appliance can be used by children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. (be applicable for the European Countries)
- 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. (be applicable for other countries except the European Countries )
- 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.
- Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
- Do not install the appliance in a location that may be exposed to combustible gas. If combustible gas accumulates around the unit, it may cause fire.
- If the appliance is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or customer service for assistance.
- In a thunderstorm, the power must be cut off to avoid damage to the machine due to lightning.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Do not operate unit with a damaged cord or plug. Discard unit or return to an authorized service facility for examination and/or repair.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- The appliance shall be installed in accordance with national wiring regulations.
- Contact the authorised service technician for repair or maintenance of this unit.
- Turn off the product when not in use.
- The manufacturer's nameplate is located on the rear panel of the unit and contains electrical and other technical data specific to this unit.
- Be sure the unit is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your unit must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker (please refer to the nameplate for the electrical data), have a qualified electrician install the proper receptacle.
- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- The unit's circuit board (PCB) is designed with a fuse to provide overcurrent protection. The specifications of the fuse are printed on the circuit board, such as: T3.15A/250V (or 350V), etc.

## Note about Fluorinated Gasses(Not applicable to the unit using R290 Refrigerant)

1. Fluorinated greenhouse gases are contained in hermetically sealed equipment. For specific information on the type, the amount and the CO<sub>2</sub> equivalent in tonnes of the fluorinated greenhouse gas(on some models), please refer to the relevant label on the unit itself.
2. Installation, service, maintenance and repair of this unit must be performed by a certified technician.
3. Product uninstallation and recycling must be performed by a certified technician.

## Sociable Remark

When using this dehumidifier in the European countries, the following information must be followed:



**DISPOSAL:** Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- When buying a new product, the retailer will take back the old product at least free of charge.
- The manufacture will take back the old appliance for disposal at least free of charge to the user.
- As old products contain valuable resources, they can be sold to scrap metal dealers. Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.





## WARNING for Using R32/R290 Refrigerant

- 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 that the refrigerants may not contain an odour.
- Appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself.
- Appliance should be installed, operated and stored in a room with a floor area larger than 4 m<sup>2</sup>.
- Compliance with national gas regulations shall be observed.  
Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- 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 authorises their competence to handle refrigerants safely in accordance with an industry recognised 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.
- The appliance shall be stored in a room without continuously operating open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).



Caution: Risk of fire/  
flammable materials

Explanation of symbols displayed on the unit (For the unit adopts R32/R290 Refrigerant only):

	WARNING	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.
	CAUTION	This symbol shows that the operation manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION	This symbol shows that information is available such as the operating manual or installation manual.

## 1. Transport of equipment containing flammable refrigerants

See transport regulations

## 2. Marking of equipment using signs

See local regulations

## 3. Disposal of equipment using flammable refrigerants

See national regulations.

## 4. Storage of equipment/appliances

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

## 5. 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.

## 6. Information on servicing

### 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.

### 2) Work procedure

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

### 3) General work area

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

### 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. non-sparking, adequately sealed or intrinsically safe.

### 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 CO<sub>2</sub> fire extinguisher adjacent to the charging area.

### 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.

### 7) Ventilated area

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

### 8) Checks to the 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.

### 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.

### 7. Repairs to sealed components

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) 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.

### 8. 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.

### 9.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.

### 10.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.

### 11.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 re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed. Leak detection fluids are 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.

### 12.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 pipe-work are to take place. Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

### 13.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.

#### 14. 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.

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

#### 15. 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.

#### 16. Recovery

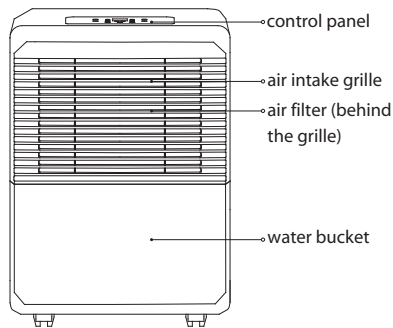
When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number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

# Preparation

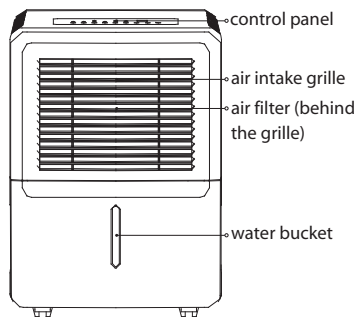
## Identification of parts

### NOTE:

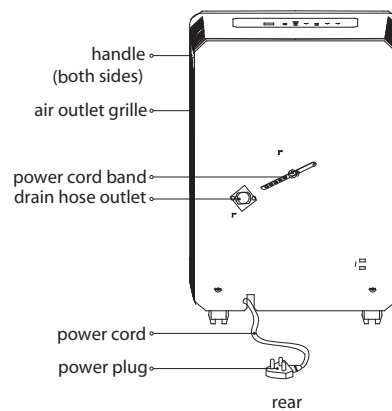
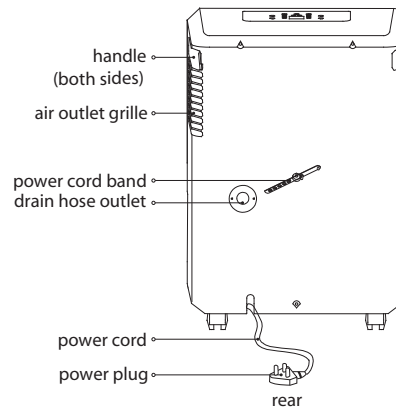
All the illustrations in the manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail. The unit can be controlled by the unit control panel alone or with the remote controller. This manual does not include Remote Controller Operations, see the <<Remote Controller Instruction>> packed with the unit for details.



front



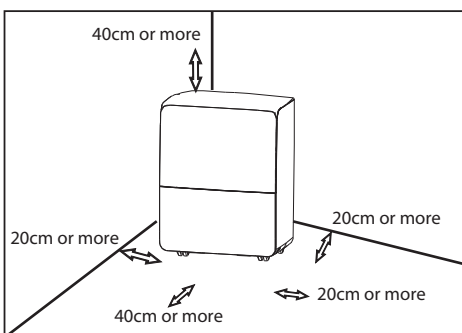
front



## Design Notice

In order to ensure the optimal performance of our products, the design specifications of the unit are subject to change without prior notice.

## Positioning the unit



This unit is designed to operate with a working environment between 5°C/41°F and 32°C/90°F, and between 30%(RH) and 80%(RH)

Casters(Installed at four points on the bottom of unit)

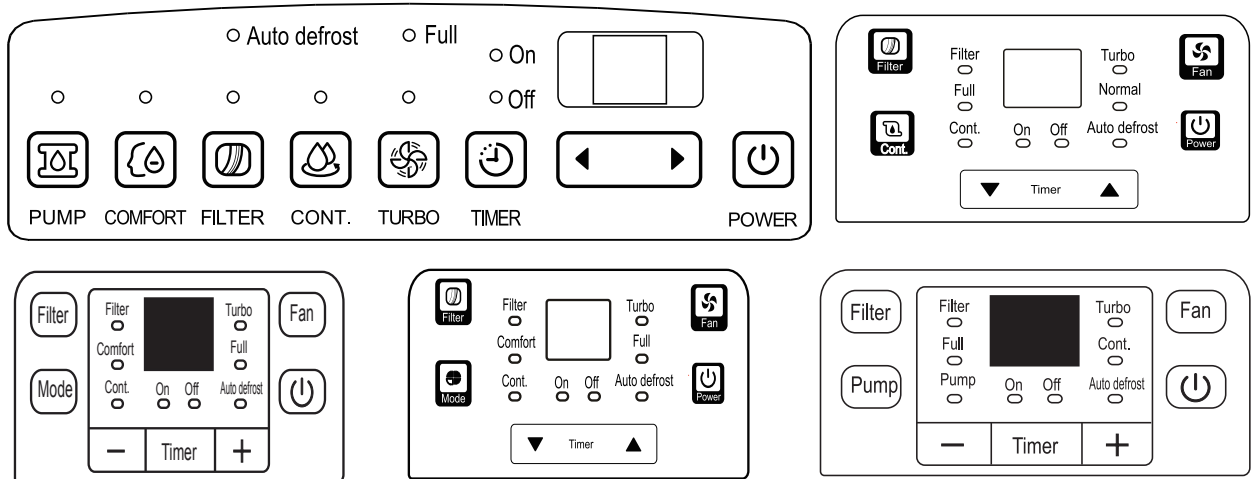
- Do not force casters to move over carpet, nor move the unit with water in the bucket. (The unit may tip over and spill water.)

Note: Casters is optional, some models without.

# Operating Instructions

## Control Panel Features

NOTE: The following control panels are for explanation purpose only. The control panel of the unit you purchased may be slightly different according to the models. Your machine may not contain some indicators or buttons. The actual shape shall prevail.



### Power / button

Press to turn the dehumidifier on and off.

### Filter button

The check filter feature is a reminder to clean the Air Filter for more efficient operation. The Filter light (Clean filter light) will flash after 250 hours of operation. To reset after cleaning the filter, press the Filter button and the light will go off.

### Fan/Turbo button

Control the fan speed. Press to select either High or Normal fan speed. Set the fan control to High for maximum moisture removal. When the humidity has been reduced and quiet operation is preferred, set the fan control to Normal.

### Pump button (On some models)

Press to activate the pump operation.

Note: Make sure the pump drain hose is installed into the unit and the continuous drain hose is removed from the unit before the pump operation is activated. When the bucket is full, the pump starts to work. Refer to the next pages for removing the collected water. Do not use this operation when the outdoor temperature is equal to or less than 0°C (32°F).

### Comfort button (On some models)

Press to activate the comfort dehumidifying operation. At Comfort dehumidifying mode, the unit will automatically control room humidity in a comfortable range 45%~55% according to the room temperature. The humidity setting function will be invalid.

Note: On this operation, the unit can not be set humidity level.

### Continue (CONT.) button (On some models)

Press to activate the continuous dehumidifying operation.

### Mode button (On some models)

Press to select the desired operation mode from Dehumidifying, Continuous dehumidifying and Comfort dehumidifying.

At Comfort dehumidifying mode, the unit will automatically control room humidity in a comfortable range 45%~55% according to the room temperature. The humidity setting function will be invalid.

UP(+▶▲)/DOWN(-◀▼) buttons

· Humidity Set Control buttons

The humidity level can be set within a range of 35% RH(Relative Humidity) to 85%RH(Relative Humidity) in 5% increments.

For drier air, press the Down button and set to a lower percent value(%).

For damper air, press the Up button and set a higher percent value(%).

· TIMER Set Control buttons

Press to initiate the Auto start and Auto stop feature, in conjunction with the Up and Down buttons.

· Continuous Operation(On some models)

To run the unit in continuous mode, press the Down button until the display reads 35% RH. Then press the Down button again until the display reads "CO" for continuous operation. To stop continuous operation, press the Up button and set the desired % RH set point level to resume nominal operation.

Timer button(On some models)

- Press to initiate the Auto start or Auto stop feature, in conjunction with the Up and Down buttons. When the unit is on, press the Timer button to activate the Auto stop feature. When the unit is off, press this button to activate the Auto start feature.
- Press or hold the Up and Down button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours.
- The control will count down the time remaining until start.
- The selected time will register in 5 seconds and the system will automatically revert back to display the

previous humidity setting.

- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto start or Auto stop feature.
- When LED display window displays the code of P2, the Auto start or Auto stop feature will also be cancelled.

Display(On some models)

Shows the set % humidity level from 35% to 85% or auto start/stop time (0~24) while setting, then shows the actual(±5% accuracy) room % humidity level in a range of 30% RH(Relative Humidity) to 90%RH(Relative Humidity).

Error Codes:

AS-Humidity sensor error;

ES-Temperature sensor error;

Eb-Bucket is removed or not in right position--Replace the bucket in the right position.(On some models)

Protection Code:

P2-Bucket is full or bucket is not in right position--

Empty the bucket and replace it in the right position.(only available for the unit with no pump feature.)

P2-Bucket is full -- Empty the bucket.(only available for the unit with pump feature.)

Note: When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact the manufacturer or its service agents or a similar qualified person for service.

## Other features

Bucket Full Light

Glowes when the bucket is ready to be emptied, or when the bucket is removed or not replaced in the proper position.

Auto Shut Off

The dehumidifier shuts off when the bucket is full, or when the bucket is removed or not replaced in the proper position. When the setting humidity is reached, the unit will be shut off automatically.

For some models, the fan motor will continue to run for 30 seconds.

Auto Defrost

When frost builds up on the evaporator coils, the compressor will cycle off and the fan will continue to run until the frost disappears.

Auto-Restart

If the unit breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

Wait 3 minutes before resuming operation

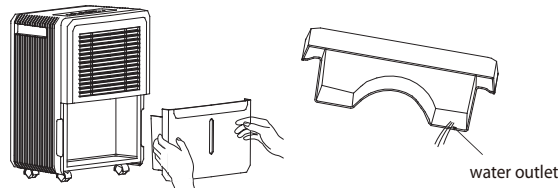
After the unit has stopped, it can not be restart operation in the first 3 minutes.This is to protect the unit. Operation will automatically start after 3 minutes.

## Removing the collected water

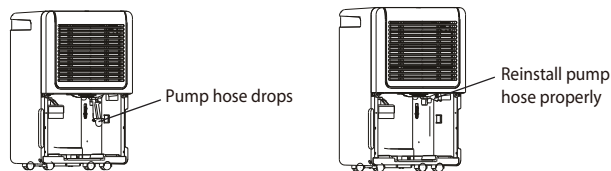
There are three ways to remove collected water.

### 1. Use the bucket

When the bucket is full, remove the bucket and empty it.



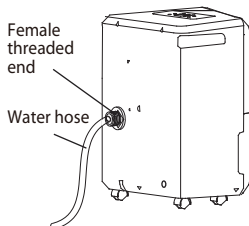
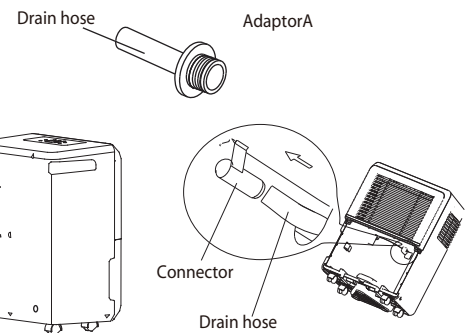
Note: If the pump hose drops when you remove the bucket, you must reinstall the pump hose properly to the unit before replace the bucket into the unit.



### 2. Continuous draining

Water can be automatically emptied into a floor drain by attaching the unit with a water hose (ID $\geq\Phi$  5/16", not included) with a female threaded end (ID:M=1", not included).

- Drain hose subassembly: Install the drain hose onto the adaptor A (placed in the bucket).
- Remove the plastic cover from the back drain outlet of the unit and set aside and remove bucket, then insert the drain hose through the drain outlet of the unit and securely press it into the connector on the front of the unit. Tighten the adaptor A and the unit by using two screws (placed in the bucket).
- Install the female threaded end of the water hose into the adaptor A, then lead the water hose to the floor drain or a suitable drainage facility.



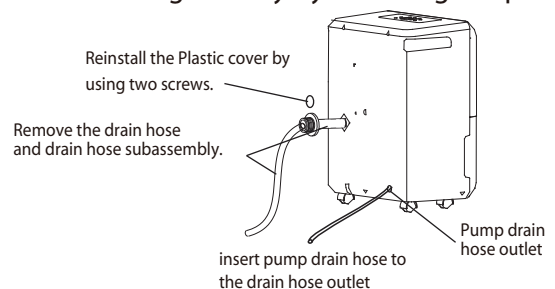
Note:

- Make sure the connection is tight and there is no leak.
- Lead the water hose to the floor drain or a suitable drainage facility, the drainage facility should be lower than the drain outlet of the unit.
- Be sure to run the water hose sloping downward to let the water flow out smoothly.
- When the continuous drain feature is not being used, remove the drain hose from the outlet.

### 3. Pump draining (on some models)

Water can be automatically emptied into a floor drain or a suitable drainage facility by attaching the pump drain out with a pump drain hose (od= $\Phi$ 1/4", supplied).

Note: The pump operation on light blinks at 1Hz when the pump is operational failure. Please turn off the unit and plug the power cord out. Check the following things: Cleaning the filter of the pump.

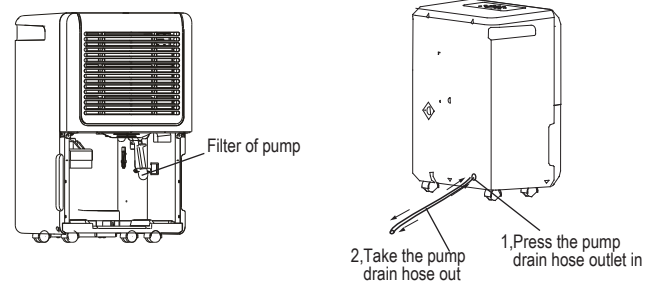


- Remove the bucket from the unit, take down the pump and clean the filter of the pump.
- Check that the pump drain hose does not link or block.
- Empty the water of the bucket.
- Reinstall the pump hose if it drops and reinstall the bucket properly. Turn on the unit. If the error repeats, call for service.

Note: Do not use this operation when the outdoor temperature is equal to or less than 0°C (32°F), otherwise water is become ice that will cause the water hose blocked up and the unit failure. Make sure to empty the bucket once a week when using the pump draining feature. When the pump draining feature is not being used, remove the pump drain hose from the outlet. Press the pump drain hose outlet in and take the pump drain hose out from it. Make sure do not let the water in the pump hose drip to the floor.

Note:

- Make sure the connection is tight and there is no leak.
- Lead the water hose to the floor drain or a suitable drainage facility, the drainage facility should be lower than the drain outlet of the unit.
- Be sure to run the water hose sloping downward to let the water flow out smoothly.
- When the continuous drain feature is not being used, remove the drain hose from the outlet.



# Maintenance

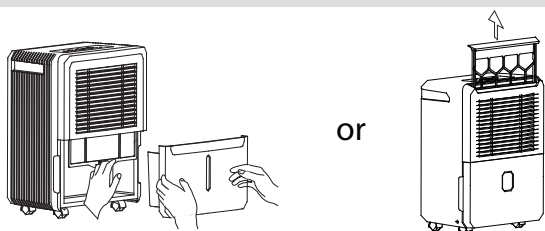
Care and cleaning of the dehumidifier

**WARNING:** Turn the dehumidifier off and remove the plug from the wall outlet before cleaning.

## Clean the bucket

Clean the bucket with water every few weeks.

## Clean the air filter



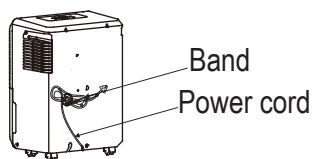
Clean the filter with water at least every 30 days or more often if necessary.



### CAUTION

**DO NOT** operate the dehumidifier without a filter because dirt and lint will clog it and reduce performance.

## Store the unit



When not using the unit for long time periods

- After turning off the unit, wait one day before emptying the bucket.
- Clean the main unit, bucket and air filter.
- Wrap the cord and bundle it with the band.
- Cover the unit with a plastic bag.
- Store the unit upright in a dry, well-ventilated place.

# Troubleshooting Tips

Please check the machine according to the following form before asking for maintenance:

What to check	
Unit does not start	<ul style="list-style-type: none"> <li>· Make sure the dehumidifier's plug is pushed completely into the outlet.</li> <li>· Check the house fuse/circuit breaker box.</li> <li>· Dehumidifier has reached its preset level or bucket is full.</li> <li>· Water bucket is not in the proper position.</li> </ul>
Dehumidifier does not dry the air as it should	<ul style="list-style-type: none"> <li>· Did not allow enough time to remove the moisture.</li> <li>· Make sure there are no curtains, blinds or furniture blocking the front or back of the dehumidifier.</li> <li>· The humidity control may not be set low enough.</li> <li>· Check that all doors, windows and other openings are securely closed.</li> <li>· Room temperature is too low, below 5°C(41°F).</li> <li>· There is a kerosene heater or something giving off water vapor in the room.</li> </ul>
The unit makes a loud noise when operating	<ul style="list-style-type: none"> <li>· The air filter is clogged.</li> <li>· The unit is tilted instead of upright as it should be.</li> <li>· The floor surface is not level.</li> </ul>
Frost appears on the coils	<ul style="list-style-type: none"> <li>· This is normal. The dehumidifier has Auto defrost feature.</li> </ul>
Water on floor	<ul style="list-style-type: none"> <li>· Hose to connector or hose connection may be loose.</li> <li>· Intend to use the bucket to collect water, but the back drain plug is removed.</li> </ul>

Please request for repair if operate abnormally or does not operate, and the solutions above is useless.





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

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备注:

1. 基准说明书只适合K平台所有常规机型。
2. 基准说明书为单英文版本，不含型号及商标，也无制造商信息，请业务根据所销售国家或者区域的法规要求，使用对应的官方语言版本，增加型号及其它法规要求信息，重新申请订单编码说明书。
3. 基准说明书的显示标贴为K平台全功能，包含了目前已有的所有图标和功能按键及其操作说明。
4. 后面的选配页面标明了对应的不同机型(可燃冷媒与非可燃冷媒) 下要修改的内容。

此面及后面的页面无需印刷

技术要求:

1.80g双胶纸

2.尺寸: A4(210\*290)

3.颜色: 黑白

4.注意: 排版时注意页码数字都是靠外面的, 以便翻阅

5.装订。

当机型为非可燃冷媒机型时，请进行以下变更：  
删除Pg6-Pg10(WARNING for Using R32/R290 Refrigerant)内容。