

Desiccant Dehumidifier User manual



Read This Manual

Inside you will find many helpful hints on how to use and maintain your dehumidifier properly. Just a little preventative care on your part can save you a great deal of time and money over the life of your dehumidifier.

DD9072L

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE OPERATING.

WARNING - This appliance must be used and positioned as outlined within this manual,

misuse of this appliance may cause fire, electrical shocks or other injury to person or property.

When using electrical appliances, basic safety precautions should always be followed:

- 1. Do not operate the unit with a damaged cord or plug or if the unit has been dropped or damaged in any way. Contact your supplier if you have any concerns.
- 2. This unit should always be kept in an upright position to avoid any damage. The appliance must be placed on a level flat surface during operation.
- 3. Check the output voltage is correct and matches the units rated specification before use.
- 4. Operate this unit in an ambient temperature between 1°C and 40°C.
- 5. Ensure that the air inlets and outlets are not blocked or covered.
- 6. Do not place the unit too close to curtains or other objects min 40cm.
- 7. When using the unit to dry wet clothes in the room, please keep the clothing at a safe distance from the unit to prevent water from dropping onto the unit.
- 8. Never place anything on top of the unit and do not cover with any kind of material while in use.
- 9. This product is intended for domestic and light office use ONLY and not for commercial, industrial or outdoor use.
- 10. To protect against electrical shocks, do not immerse unit, plug or cord in water, or spray with liquids.
- 11. Never unplug the power cord without pressing the "ON/OFF" key to power off first, as this could damage the unit.
- 12. Always unplug the unit when not in use or moving location. To disconnect from the power supply, grip the plug and pull from the power socket. Never pull by the cord.
- 13. Always empty the water tank before storing the unit away.
- 14. Close supervision is necessary when any appliance is used by or near children and pets.
- 15. Do not run power cord under carpeting, or cover with rugs or runners. Arrange the cord away from areas where it may be tripped over.
- 16. Never operate or store the unit in direct sunlight.
- 17. To repair the unit, take it to a qualified service engineer. Repairs carried out by unqualified people may cause damage to the unit or injury to persons or property and void the warranty.
- 18. Where possible, avoid the use of an extension cable as they may overheat and cause a risk of fire. Only use an extension cord after ensuring it is in perfect condition.
- 19. Do not use the unit without the air filter.

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.

SAVE AND READ THESE IMPORTANT SAFETY INSTRUCTIONS

FEATURES

- Compressorless dehumidifier ~ uses desiccant rotor technology
- Environmentally friendly with no harmful gasses & quiet in operation
- Automatic dehumidification in 35~85%RH settings and high or low fan
- LCD display with room humidity and temperature display (°C/°F selectable)
- Adjustable LCD backlight brightness
- Sleep mode to run with low noise and dimmed light
- Washable air filter
- Built in hose connection allows continuous draining
- Light & portable with carry handles
- Removable water bucket with handle
- Auto restart after a power outage

~ Once the power is restored after a power failure, the appliance will continue to operate at the selected settings prior to the power failure.

Automatic louvre wide range(max 120°)
3-stage automatic air swing to meet your needs.









UNIT SETUP



TO OPERATE SAFELY



OPERATING INSTRUCTIONS



Power On/Off ON/OFF

The appliance will power on with prior settings including: mode, humidity, backlight and louvre settings, except timer.

Once the power is restored after a power failure, the appliance will continue to run the prior settings (including timer) before power failure.

Mode Selection (MODE

Press the "Mode" key for automatic dehumidification.

$$\rightarrow (\texttt{s}^{\text{Low}}) \rightarrow (\texttt{s}^{\text{High}}) \rightarrow (\texttt{s}^{\text{Sleep}}) -$$

e:Sleep

♣ Low fan speed, low heater power.

🐅 🖤 🛛 High fan speed, high heater power.

Low fan speed, low heater power and LCD dimmed (default L2 unless the user setting is L1 or L0 which will override the default)

Himidity Setting (Humidity

Press the "Humidity" key to set the humidity.

Press once to blink the current humidity setting and then press again to cycle through the available levels. Below shows the humidity settings loop.

$$\rightarrow 35\% \rightarrow 40\% \rightarrow 45\% \rightarrow 50\% \dots 70\% \rightarrow 75\% \rightarrow 80\% \rightarrow 85\% \rightarrow CO$$

The room humidity will be displayed after the setting the level (or no key press for 5 seconds). When the unit reaches your desired humidity, it will shut off automatically but the fan will run periodically to maintain circulation (the LCD display will blink " $\frac{Pause}{Pause}$ " during this time).

Backlight Setting

There are 6 steps of backlight brightness that can be set by pressing "DIM" key to show the \hat{Q} and blink in the following loop from the current point.

$$\rightarrow$$
 H(full bright) \rightarrow L5 \rightarrow L4 \rightarrow L3 \rightarrow L2 \rightarrow L1 \rightarrow L0 (dark) $-$

The backlight changes accordingly. In sleep mode, the setting is cycled only in L2, L1 and L0.

After setting (or no key press for 5 seconds), the $\textcircled{}{}$ disappears and the room temperature is displayed. If the setting is L0 ~ L5, the $\textcircled{}{}$ (near the machine icon) will be displayed; if it is in the High state, the $\textcircled{}{}$ will not show.



Press $(\overline{\text{mer}})$ key to show the \bigcirc and blink the timer setting (or the remaining time) in the following loop.

ightarrow 1 hour ightarrow 2 hour ightarrow ightarrow 12 hour ightarrow - - (continuous operation) —

After setting (or no key press for 5 seconds), the \bigodot remains showing if there is a timer set (and disappears if no timer set), and the digits show the indoor temperature.

You may check the remaining time (blinking 5 seconds) by pressing $(\widehat{\mathsf{TMER}})$ key when the \bigcirc exists.



During setting

After setting



FRONT The louvre swings in a frontr ange of about 50° .

WIDE ______ :The louvre swings in a wide range of about 120°.

HOLD :The louvre stops swinging and swing icons disappear.

Switching the °⊄∕ °⊱

Press the (TMER) key and the (SMNG) key at the same time, the temperature unit will switches between $\circ \textbf{r}$ and $\circ \textbf{r}$ (and their corresponding temperature values)



Ø

TO EMPTY THE BUCKET

- 1. When the bucket is full, the bucket icon w blinks and the unit stops in a few minutes.
- 2. Do not move the unit or remove the bucket, if the machine is still operating, as water may leak, damage the unit or cause an electric shock.
- 3. To remove the bucket, pull it out gently by gripping the bottom of the bucket and lift carefully.
- 4. Remove the cover of bucket first, then pour the water away, clean the bucket and restore the cover and the bucket to the correct position.







Pull bucket out

Lift with the handle Remove the cover Pour the water away





Restore the cover and the handle

Restore the bucket

NOTE :

- Clean the bucket with clean water if needed. Do not use detergent, solvent, abrasive or hot water to avoid damage to the appliance.
- Do not remove or damage the float in the bucket, or the unit cannot work correctly.
- The bucket cover must be well fitted in position.
- The relation blinks if the bucket is not positioned correctly.

TO DRAIN WATER (Continuous Drainage)

You may use a hose with an inner diameter of 12mm for continuous drainage:

- 1. Use a screwdriver to remove the knockout at the back. Attach the hose to the connector through the hole.
- 2. The hose must lead to an appropriate drain at a downward slope with no sharp bends. Note:
- 1. Ensure the bucket is well fitted in position before inserting the hose.
- 2. Before removing the bucket, ensure that the hose is disconnected.



Cleaning the unit

- 1. Turn off the unit, wait for the fan to stop and unplug from the power socket.
- 2. Clean the surface with a soft damp cloth.
- 3. Dry thoroughly with a towel after cleaning.
- 4. In order to avoid damage, do not wash the machine with water, or let water drip into the air inlet or outlet.



Cleaning the filter

If the filter is covered with dust, the airflow and the performance of the unit will be affected. Check the filter periodically to ensure any dust is removed (It is recommended to check and clean the air filter every 2 weeks or an appropriate frequency depending on your usage and air environment).

- 1. Turn off the unit and remove the filter from the unit.
- 2. Clean the filter with a vacuum cleaner or wash with clean water and dry it .
- 3. Replace the filter in position.



Before storing

- 1. Turn off the unit, wait for it to stop and unplug from the power socket.
- 2. Clean and dry the bucket. Leave the unit to drain for approximately one day.
- 3. Clean the filter and the unit. Cover the unit to prevent it from
- gathering dust. Store upright in a cool dry place.
- 4. Do not expose to direct sunlight.

CHECK THE FOLLOWING POINTS BEFORE CONTACTING TECHNICAL SUPPORT. The following conditions are normal:

- 1. The fan is still running about 2 minutes after the unit is turned off.
- 2. The unit works within room temperature of 1~40°C. It may stop operation out of this range or when the air inlet or outlet is covered. (The △ will blink)
- 3. When you first use the dehumidifier and periodically afterwards you might notice a smell coming from the dehumidifier. This is caused by the Zeolite desiccant material and is not a sign that the dehumidifier is faulty, nor is it harmful to humans or pets. The smell occurs because the Zeolite absorbs odours from items like cigarettes, cosmetics, hair sprays, building materials and new furniture and then when the desiccant is heated the smell is discharged into the room.

| PROBLEM | REASON | SOLUTION |
|------------------------|--|--|
| No Power | Dehumidifier is not plugged in or there is no power supply | Plug the dehumidifier into mains and switch plug ON. Check the main power supply |
| ⚠ blinking | Filter clogged | Check and clean the filter |
| | The air inlet or outlet is blocked or covered | Remove obstructions |
| | Low humidity condition | Switch off or move to another room |
| r blinking | Water bucket is full or installed incorrectly | Empty water bucket or re-install correctly |
| | Water float out of position | Restore water float back into position |
| Water Leaking | Dehumidifier on uneven surface or water bucket fitted incorrectly | Ensure the dehumidifier is on a flat, even surface, use a spirit level to check, remove bucket and replace correctly |
| | Filter clogged | Clean or replace filter |
| | Damaged water bucket | Remove the water bucket, fill with water and place on a hard even surface to test for leakage |
| | The continuous drainage is clogged or loose | Check the continuous drainage host and its connection |
| No Collecting Water | Set humidity is reached (Auto Pause) | Readjust the humidity settings |
| | Room is very cold or very dry for the current setting | Readjust the humidity settings Check room temperature and humidity levels |
| | Filter dusty | Clean the air filter or replace it |
| | Dehumidifier set up incorrectly | Ensure unit is set up correctly (see page 5) |
| | Room Temperature is out of the working range (displays "HI"or "LO") | Check room temperature |
| Noisy | water bucket or filter fitted incorrectly | Check and refit the water bucket or filter Check unit is on an even level surface |

4. If your dehumidifier stops working or looks abnormal, please check the following items first.

Please contact your retailer if the problem continues.

Do not try to repair it by yourself, as this could cause an electrical shock and void your warranty.

SPECIFICATIONS

Model: DD9072L Capacity: 7 Liters/day (20°C,60%RH) @240V Operating Temperature Range: 1°C - 40°C Wattage: 610W@230V (660W@240V) Voltage: 220-240V ~ 50Hz Water tank capacity: 2 Litres N.W: 6 Kg G.W: 7 Kg Product size: 487H x 320W x 200D mm



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