

# Sleavon

## Commercial Dehumidifier

Please read the manual carefully  
before using the unit

**D037**

USER MANUAL



## FOR CUSTOMERS

Thank you for purchasing our dehumidifier.

**Sleavon** wishes that our products and services can bring convenience to your work and life. We highly recommend that you keep the manual for reference if you encounter unexpected events using the unit.

Please read the manual carefully to ensure proper use of the dehumidifier. Our dehumidifiers are widely used in family bedrooms, bathrooms, basements, offices and storage rooms, etc.

The dehumidifiers from **Sleavon** provide quick and efficient operation to reduce room's humidity and bring you a healthy and comfortable life.

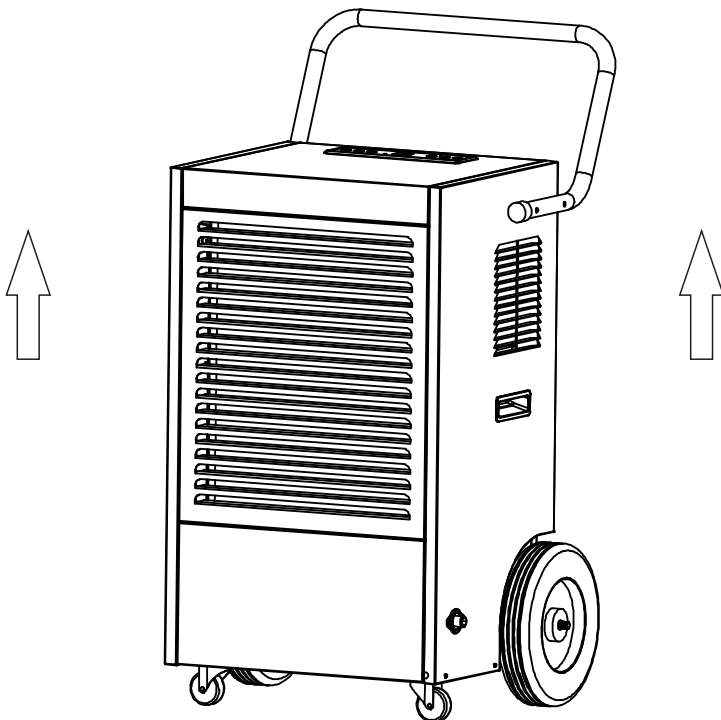
## TO ACCESS CUSTOMER SUPPORT FASTER

If there is any problem of the product, please contact Sleavon Customer Service at [support@sleavon.com](mailto:support@sleavon.com) with your Purchase Order ID to help you address the problem more effectively.

# BEFORE FIRST USE:

To prevent any internal damage, it is very important to keep refrigeration units (like this one) upright throughout their journey.

Please leave it standing upright and outside the box for **24 HOURS** before plugging it in.



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# SAFETY INSTRUCTIONS

## IMPORTANT NOTICE FOR FIRST USE :

The dehumidifier is used to remove excessive moisture from the air in order to reduce the relative humidity to protect buildings and their contents from the adverse effects of excess humidity.

For your safety, please read the manual carefully and keep the manual for future reference. Please use this product according to the instructions of installation and operation of this manual.

- Unplug the power supply before cleaning or storing the machine.
- Never immerse the machine into water or other liquids.
- Do not put the machine close to heat-generating devices, flammable and dangerous materials.
- Children should be supervised to ensure that they don't play with the unit.
- Do not sit or stand on the machine. Don't put heavy objects on the machine.
- Never operate the machine when the cable or other connector is damaged, otherwise, something abnormal may happen.
- Do not operate the dehumidifier in narrow areas such as a closet because it may cause fire hazard.
- Install the drainage hose downward to make sure condensed water can be drained continuously.
- If the supply cord is damaged, it must be replaced by the manufacture, its service agent or similarly qualified persons in order to avoid a hazard.
- Install the machine on flat floor to diminish vibration or noise.
- Never insert any other objects into the machine body to avoid any hazard or machine failure.

## FEATURES & SPECIFICATIONS

### PRODUCT FEATURES

Adjustable Humidity

Built-in Auto Defrosting System

Energy-saving Design

Large Dehumidifying Capacity

Moveable and Easy to Store

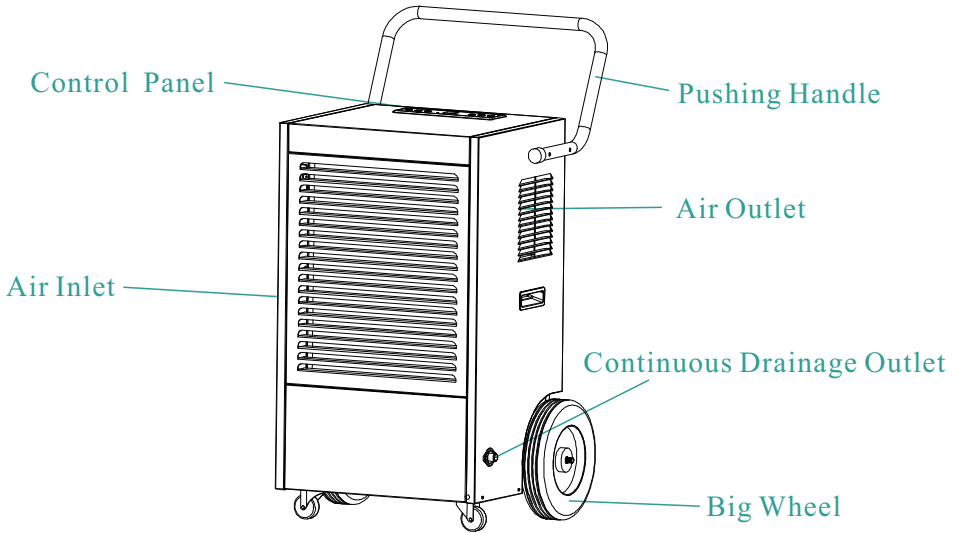
Timing Operation

### SPECIFICATIONS

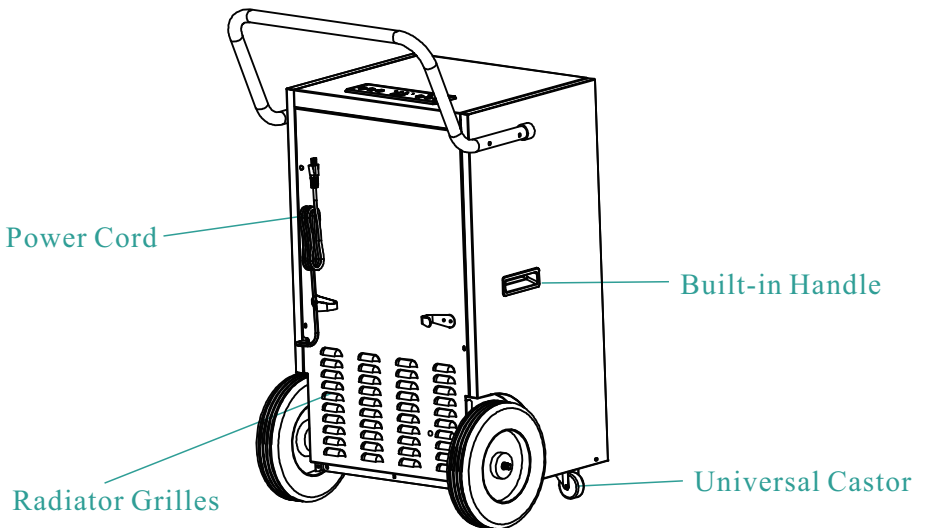
Model No.	D037
Power Source	AC115V 60Hz
Power Consumption / Current(80°F,60%RH)	1165W / 10.2A
Power Consumption / Current(86°F,80%RH)	1350W / 12A
Moisture Removal (65°F,60%RH)	75 Pints/Day(35.5L/Day)
Moisture Removal (80°F,60%RH)	120 Pints/Day(56.7L/Day)
Moisture Removal (86°F,80%RH)	190 Pints/Day(89.8L/Day)
Moisture Removal (95°F,90%RH)	210 Pints/Day(99.3L/Day)
HIGH PRESSURE	522psig(3.6MPa)
LOW PRESSURE	240psig(1.65MPa)
Noise	≤68dB(A)
Refrigerant / Charge	R410A / 27.5Oz(780g)
Working Temp.	41°F - 95°F
Product Dimensions	21.6*18.4*32.3in.
Net Weight	55Kg/121LBS

# PRODUCT DRAWINGS

## Front

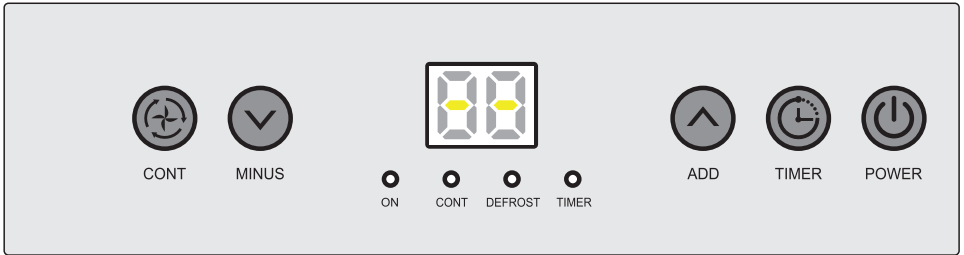


## Back





# MACHINE SETUP & OPERATION



## Button Function

### 1. Power

Press this button when plug in the power, screen light will be on, machine will automatically go to continuous mode, display screen will show the environmental humidity and the compressor will be on after the fan's running for 3 seconds.

Press this button again, compressor will stop, display screen will show “- -”, machine will go to standby mode, and the fan will run for another minute and stop.

### 2. Timer Setting

Press this button while the machine is powered on. When the button light goes on, press “MINUS” or “ADD” you can set a time to start the machine. When the count down is over, the fan and compressor will start working.

Press this button while machine is running. When the button light goes on, press “MINUS” or “ADD” you can set a time to stop the machine. When the count down is over, the fan and compressor will stop working.

Press this button for 3 seconds will show the current temperature, and return to current humidity after 10 seconds. Long press this button will show the temperature again.

# MACHINE SETUP & OPERATION

## 3. **Humidity Increase**

ADD

Press this button at normal working mode, the humidity will decrease by 5%RH with each press, buzzer will ring each time with the press.

Press the button for more than 1 second can decrease the humidity setting continuously.

## 4. **Humidity Decrease**

MINUS

Press this button at normal working mode, the humidity will decrease by 5%RH with each press, buzzer will ring each time with the press.

Press the button for more than 1 second can decrease the humidity setting continuously.

### **Note:**

1. The default humidity is 50%RH, you can increase and decrease the humidity value as below:

**20%-25%--30%-35%-40%-45%-50%-55%-60%-65%-70%-75%-80%-85%-90%**

2. Environmental humidity and setting humidity will decide the status of compressor and fan as follow:

Environmental humidity  $\geq$  machine setting humidity by 3%RH, the compressor and fan will start running.

Environmental humidity  $<$  machine set humidity by 3%RH, the compressor and fan will stop running.

## 5. **Continuous Mode**

CONT

When the machine is working in Continuous Mode (the display screen will show the current humidity and the machine will keep running), continuous mode light will be on, humidity setting is invalid but time setting is available.

Press the "CONT" button at continuous working mode will switch back to the normal dehumidification mode, continuous mode light will be off, you can set the humidity value manually.

## MACHINE SETUP & OPERATION

### 6. Display Screen:

- (1) When the unit is plugged in, it will show "--", which means the machine is in standby mode.
- (2) When users press the "POWER" button, it will show the room humidity.
- (3) When users set the humidity, it will show the humidity value.
- (4) When users set the timer, it will show the timing.
- (5) Long press the "TIMER" button for 5 seconds, it will show the room temperature.
- (6) When the room temperature is below 41°F, it will show "CL".
- (7) When the room temperature is over 95°F, it will show "CH".
- (8) When the room humidity is below 20% RH, it will show "LO".
- (9) When the room humidity is over 95% RH, it will show "HI".
- (10) If there is a copper head sensor failure, it will show "E1".
- (11) If there is a temperature and humidity sensor failure, it will show "E2".

### Notes:

1. If the set humidity is higher than the room humidity, the dehumidifier will stop working.
2. If there is a sudden power failure during operation, the system can memorize the current status, the unit will turn on automatically and enter the previous working status after power is restored.

If that is a normal shutdown and the unit is in standby mode, then press the power button, the unit will also enter the previous working status.

If users turns off the unit and pulls the plug out, the unit will enter the default continuous dehumidifying mode after power is restored.

### 3. Auto Defrosting Function:

When the room temperature is lower than 41°F or higher than 95°F, the compressor and fan will stop working.

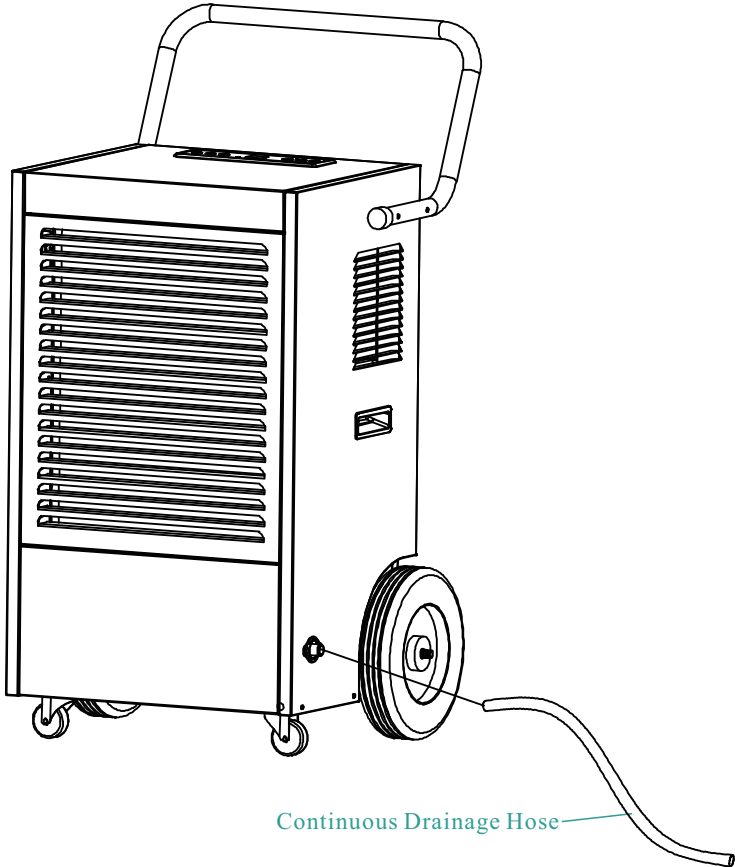
Defrosting requirement: When the compressor has run above 30 minutes, and the temperature sensor senses the temperature  $\leq 30^\circ\text{F}$  (last for 10 seconds), the compressor will stop, defrost will start, and the fan will continue to run, defrost light will go on.

When the pipe temperature goes to 41°F or the defrosting process has lasted for 15 minutes, defrost will stop.

**Note: during defrost, light won't be off until the defrost is over.**

## WATER DRAINAGE

Install the included drainage hose to the drainage outlet on the machine and direct the hose to the desired area before operating the machine.



### **WARNING:**

Do not block the drainage hose. The end of the drainage hose should not be higher than the drainage outlet. Otherwise, water will not drain properly and could damage components of the unit.

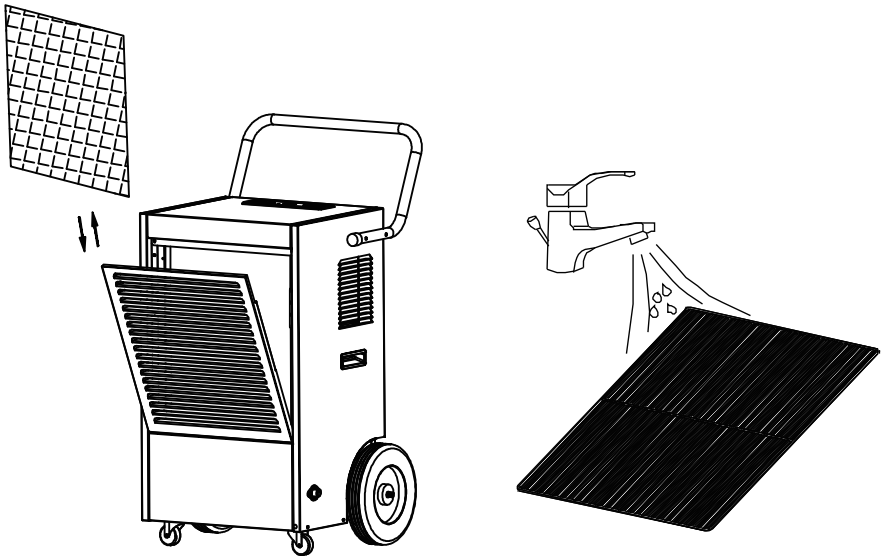
### MAINTENANCE

 Please cut off the power supply before cleaning or maintenance.

#### Cleaning the Machine Body:

Clean the machine body with a soft damp cloth. Do not sprinkle water on the unit. Do not use chemical solvent such as benzene, alcohol and gasoline. The surface may be damaged, even the whole case may be deformed.

#### Cleaning the Air Filter:



1. Pull out the louver of the front panel to get access to the filter.
2. Remove the filter mesh out of the unit.
3. Use a clean cloth to absorb the surface dust on the filter mesh. If the filter is extremely dirty, use tap water to rinse the filter. Please dry it thoroughly before inserting it back into the air inlet fence.

### STORAGE

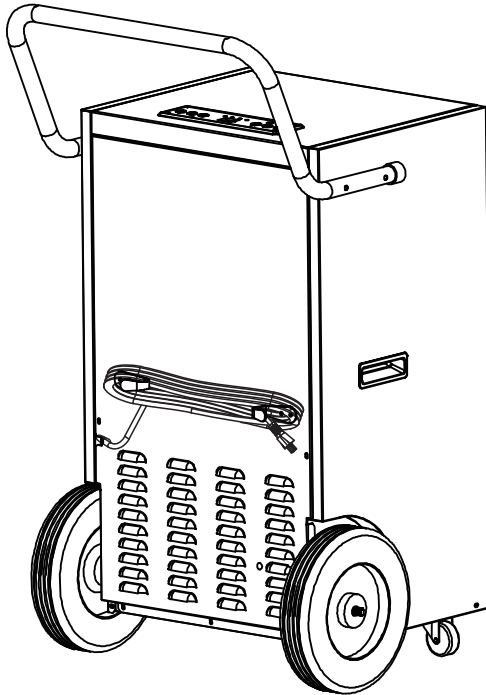
If the dehumidifier will not be used for an extended period, please refer to the following tips:

1. Clean the filter mesh.
2. Attention: The inner evaporator has to be dried out before the unit is stored to avoid component damage and molds.

Unplug the unit and place it in a cool and dry area for days to dry it out.

Another way to dry the unit is to set the humidity 3% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.

3. Use the wrapping post to put away the power cord.
4. Store the unit in a cool dry place.



## TROUBLE SHOOTING

If the following condition happens, please review the list before calling the customer service.

Problem	Possible Cause	Solution
The Unit Doesn't Run	Has the power cord been disconnected?	Plug in the unit.
	The room temperature is under 41°F or above 100°F.	To protect the unit, please use it only when room temperature is between 41°F and 100°F.
The Unit Runs But Doesn't Dehumidify	When the humidity setting point is 3% higher than ambient humidity.	Reset the humidity to a lower set point, or shut down the unit if you are satisfied with the current humidity.
The Dehumidifying Capacity Reduces	Filter mesh jammed.	Clean the filter mesh according to manual.
	Louvers of Air inlet and Air outlet are jammed.	Clear the louvers.
No Air Comes In	Filter mesh or air-in louver jammed.	Clean the filter mesh or the air inlet louver.
Loud Operation	The unit is slanting.	Place it on the level ground.
	Filter mesh is jammed.	Clean the filter mesh according to manual.

### WARNING

This product can expose you to chemicals including Styrene and its compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, please visit: [www.P65Warning.ca.gov](http://www.P65Warning.ca.gov).

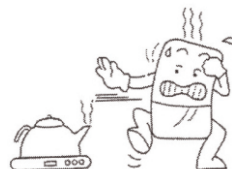
## SPECIAL NOTES



- 1 When using, please do not put the machine at the soft and uneven ground, avoid vibration and movement.



- 2 Do not insert thin rods and hard objects into the machine body to avoid malfunction and danger.



- 3 When using, please keep the machine away from heating furnace, electric kettle and other heat sources.



- 4 When using, please close doors and windows to achieve the best remove humidity effect.



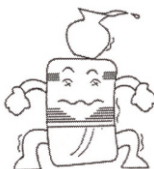
- 5 Please do not put objects around the body. If the ventilation is blocked, the dehumidification effect will be affected.



- 6 If do not use the product for a long time, please unplug the power cord.



- 7 When cleaning the dehumidifier, please use the wet textile to wipe gently, do not shoot the water directly.



- 8 Please do not put any object on the dehumidifier.



- 9 Please clean the filter every two weeks (do not use hot water above 104°F, alcohol, gasoline or toluene.)



- 10 When continuous drainage, the drain hose must be placed horizontally, without unevenness and winding.



- 11 After cleaning the filter, please do not dry it under direct sunlight, in case deformation.



- 12 Before moving and carrying the machine, please first pour out the water in the tank.



## WARRANTY & CONTACT US

### Warranty

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Sleavon offers a 12-month warranty to all of our products together with the original proof of purchase when a defect occurred, including those newly purchased and unused, from Sleavon or through an authorized reseller, wholly or substantially, or as a result of faulty manufacturing parts, or workmanship during the Warranty Period.

The warranty does not apply if damage is caused by other factors, including but without limitation of:

- (a) Normal wear and tear;
- (b) Abuse, mishandling, accident or failure to follow operating instructions;
- (c) Exposure to liquid or infiltration of foreign particles;
- (d) Servicing or modification of the product other than by Sleavon.

There are our general terms for the warranty service, but we always encourage our customers to contact us if any issues, regardless of warranty terms.

If you are experiencing an issue with Sleavon product, you can reach out to us at [support@sleavon.com](mailto:support@sleavon.com), we will dedicate our efforts to resolve it for you.

### Extend Your Warranty by 1 Year

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Register your product at [www.sleavon.com](http://www.sleavon.com) to extend your 1-year warranty by an additional year.

\*Please fill out all required fields and include your Order ID, Date of Purchased if applicable.

### Customer Support

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If you have any questions or concerns about your product, please feel free to contact our expert support team. Sleavon customer service is here to help.

#### **Sleavon Office**

13211, Spring Street Baldwin Park, CA, US

Email: [support@sleavon.com](mailto:support@sleavon.com)

Live Chat: [www.sleavon.com](http://www.sleavon.com)

#### **Support Hours**

24 Hours available

\*Please have your Order Number ready before contacting customer support.





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For FAQs and more information please visit:  
[www.sleavon.com](http://www.sleavon.com)



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(Scan the QR Code for Live Chat)

We are expecting to see our products fulfill your life and hear your voice.

Your satisfaction means a lot to us.

Please tag us if you share a snap on your social media.

[www.sleavon.com](http://www.sleavon.com)