

# YAUFEY

Home Dehumidifier

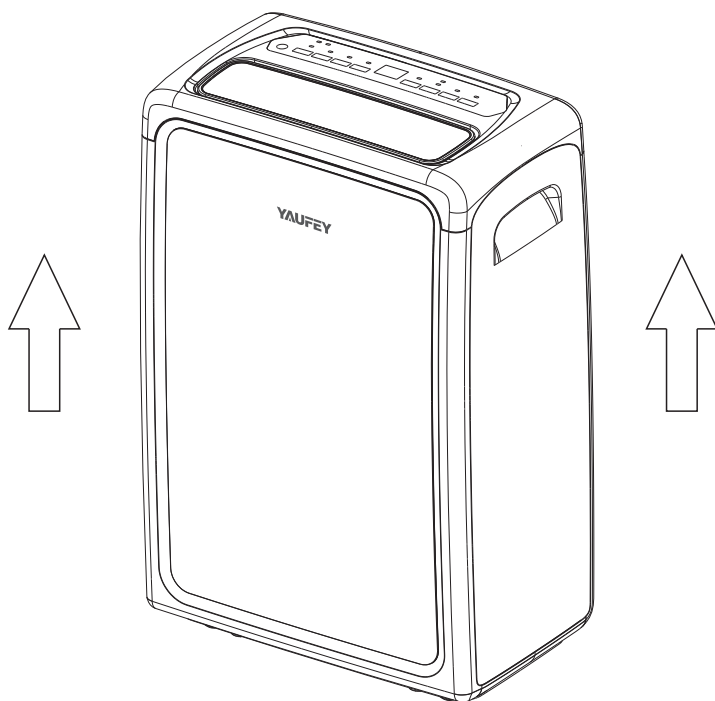


**MANUAL**  
PD221DE



# 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.



## Dear customer,

**Yaufey** wishes that our products and services can bring convenience to your work and life. It is recommended that you keep the manual properly in times of unexpected needs. Please read the manual carefully to ensure proper use and operation of our dehumidifier. The dehumidifier from **Yaufey** quickly and efficiently reduces from humidity and bring you a healthy and comfortable life.

## Instructions of Drying Clothes

1. The dehumidifier can be used for drying clothes in rainy weather.  
**Step 1.** Hang the washed clothes in a small space such as cloakroom, bathroom, or storage room. Note: Please protect the unit from water drips coming from the clothes.  
**Step 2.** Open the dehumidifier and set the humidity level at 30% RH, which is the continuous dehumidify mode used for drying clothes. It would be better if you let the air outlet blowing directly to the clothes.
2. The drying effect will vary from the thickness of clothes, the quantity of clothes and the size of the drying space. Theoretically the effect will be better when clothes are few, thin and the space is small.
3. The drying process would take 3-8 hours, and we suggest that continuous drainage mode is more suitable when drying clothes.

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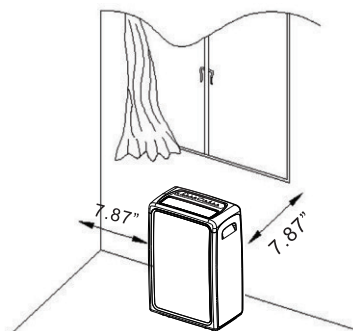
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# 1、 Important Key Points

## Safety Note:

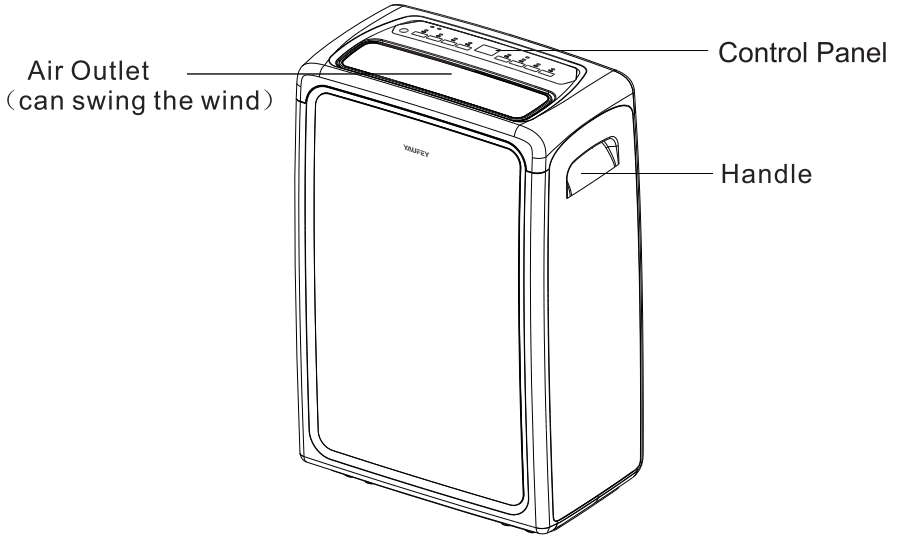
For your safety, please read and keep the manual properly before or after using the unit. This product is only for Home Improvement use, please use the unit according to the information stated on this manual.

1. Unplug the dehumidifier from the power source when cleaning.
2. Do not splash water to the machine or put it near places where it can be splashed by water.
3. Please do not place the machine near heating device or inflammable dangerous goods.
4. Do not insert your finger or any hard materials into the air inlet or outlet.
5. Drain the water according to your method (Manual or Continuous)
6. Please ensure that the drainage pipe is installed on a downward slope so that the water can be discharged continuous.
7. Avoid placing the unit on uneven surfaces.
8. Do not spray water on this machine.
9. Do not spray pesticides or flammable liquids on this machine.
10. Do not put or place heavy objects on the machine or let children and household pets climb on the unit.
11. The machine must not be placed in the closed narrow space.
12. In case power line is damaged, it must be replaced by technical staff of the company. Replacement is subjected for approval.
13. If you use dry clothing function, clothes should be at least 15.7" above the air outlet to avoid water drips from the clothes to prevent machine damages.
14. The machine power wiring must be in accordance with national wiring rules and power line and reliable external grounding connection.
15. The fixed wiring of the machine must be equipped with an extreme speed disconnect device (air switch) with at least 3mm contact opening distance.
16. Model specification of safety tube: 3.15A .
17. When the use of objects and surrounding the machine at least need to keep a distance of 7.87", as shown in picture:

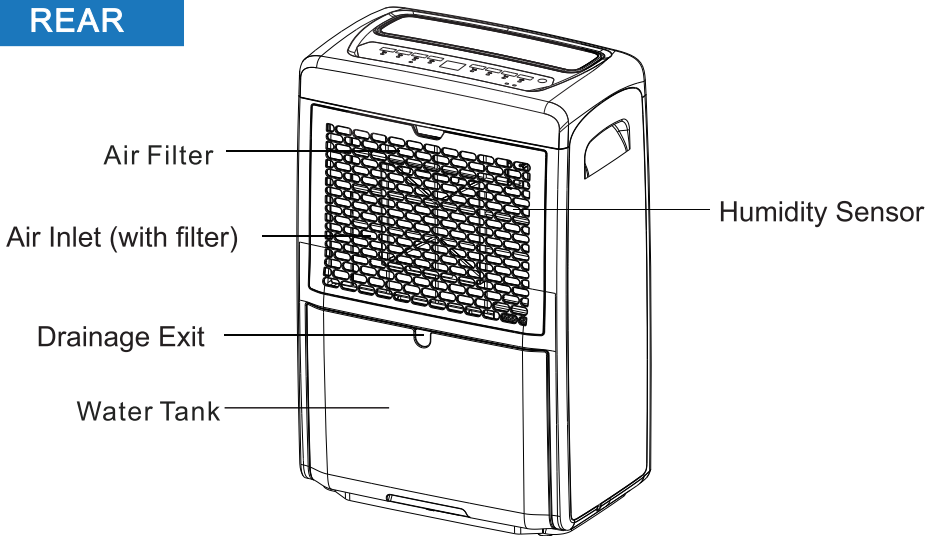


## 2、 Product Structure

### FRONT

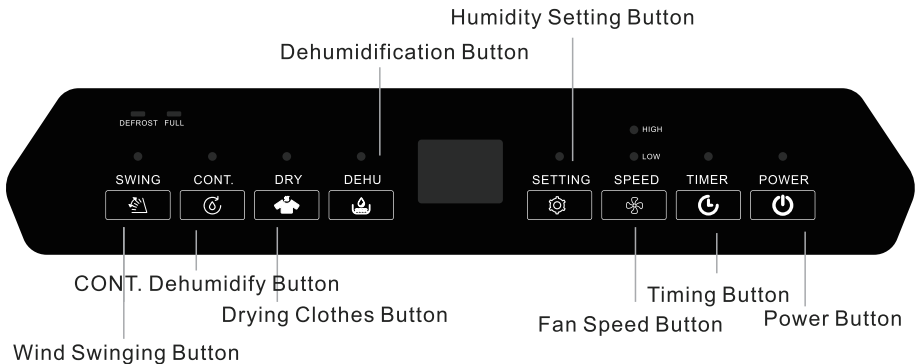


### REAR











### 3、 Operation Instructions

#### A. Control Panel



#### Button Instructions

- 1、  Power Button**  
Press to turn the dehumidifier on and off after plugging to the power outlet.
- 2、  Timer Button**  
Used to set timer to the unit, timer can be set 1 hour - 24 hours. Press to increase the the timer by 1h and long press to select desired timer faster.
- 3、  Fan Speed Button**  
Used to switch between high fan speed and low fan speed.
- 4、  Humidity Setting Button**  
Used to set humidity level. It can be ranged from 30%RH - 80%RH. Press to add 5%RH increment and long press for add increments faster.
- 5、  Dehumidification Button**  
For start up dehumidification mode, press one time in the boot state, then the machine enter into dehumidification mode.
- 6、  Dry Clothes Button**  
For start up dry clothes mode, press one time in the boot state, then the machine enter into drying mode.
- 7、  Continuous Dehumidify Button**  
For start up continuous dehumidify mode, the machine dehumidifies continuously.
- 8、  Wind Swinging Button**  
Used to make swing mode start or stop.



## **B. Humidity Settings**

While on boot state, press the "SETTING" button to set the humidity level. Press the button at a time to set the humidity by 5%RH, range is from 30%RH - 80%RH. Long press to set the humidity level faster. Leave it for a few seconds to exit function.

## **C. Timer Setting**

The timer setting can be used to set the unit to turn on or off automatically.

The "TIMER" button is used to set the time, press button at a time to set timer by 1H, range is from 1h - 24h. Long press to set the timer faster. If timer indicator is set to 00, the timer is not set.

When timer feature is used, it will display the current humidity and the remaining time on a turn based behavior.

## **D. Wind Speed Setting**

Used to specify the fan speed level of the unit; either high speed or low speed.

## **E. Swing The Wind**

While unit is turned on, press "SWING" button to start on making the fan blades swing back and forth. Press the button again to make the fan blades to stop. The swing blades will close when the unit is turned off.

## **F. Operation Mode**

Dehumidifier mode: You can set the machine to start or stop based on the humidity level that you will be setting on the unit. When the actual room's humidity is higher or lower to the level you set on the unit. The unit will start or stop automatically.

Dry clothes mode: continuous dehumidification state, high air on of compressor and fan, negative ion off, set humidity and wind speed can not be set.

continuous dehumidify mode: The fan speed can be adjusted by manual, the humidity can't be adjusted by manual.

## **G. Water Full Protection**

When the water tank is full, the unit will stop working and the water full indicator will light up. After emptying the water tank, place it back to the unit and the unit will turn on again.

## H. Defrost Function

The unit will automatically defrost when it determines that there is a frost present on the unit.

Action: Fan is running at high wind speed and the compressor stops.

Display: Defrost indicator will light up.

## I. Action Description

Dehumidification mode:

Power on state: Fan opens and wait for a few seconds for the compressor to open.

Shutdown state or humidity level reaches its setpoint: Compressor close immediately and fan close after a few seconds. Opening of the compressor may be delayed up to 3 minutes after the fan opens when in case of power outage.

Drying clothes mode: Action consistent with dehumidification mode.

## J. Status Description

While on standby state after connecting to the power supply, the power light will turn on.

Power lamp blue light flashes when the compressor is delayed to start.

When the ambient humidity reaches the set value and when compressor stops dehumidifying.

The digital tube and the power lamp blue light flashes. It also goes with dry clothes mode if enabled. High wind lamp and low wind lamp indicator will light up depends on the fan speed you have selected.

Pendulum wind lamp indicator will light up if "swing the wind" feature is enabled.

Timer setting indicator light will flash if you have set up a timer on the unit.

Defrost indicator will light up when unit is in defrost mode.

Water full light will flash if the water tank is full or the tank is not placed correctly.

When there is a presence of malfunctions, the digital tube will display the fault code.

## K. Fault Code

Number	Fault code	Name of the fault
1	E1	Humidity sensor failure
2	E2	Defrost temperature sensor failure
3	E4	Environment temperature sensor fault
4	E7	Water full alarm

### Attention:

1. When the display read E1, E2 or E4, the machine continues to dehumidify, buzzer alarm and display the error code. Please turn off and unplug the unit, and check for any obstructions, Plug it in again and restart the dehumidifier.
2. When the above malfunctions occurs, the buzzer will alarm for 15 seconds. Press any key during the alarm to release the alarm sound.
3. Other instances like, the unit came from long distance transportation, haven't used for a long time may result in humidity sensor surface condensation. When turned on, the environment humidity is higher than 95% (long and actual humidity difference), the machine will still dehumidify as expected. After running some time, the surface water vapor humidity can be dispersed and show fault but will restore the normal operation. Manual elimination scheme: open the filter net, check the alignment of humidity sensor filter on the bottom left corner of the blowing fan until the humidity drop stop.

If the malfunction is still present, please don't hesitate to contact Yaufey customer service email: [support@yaufey.com](mailto:support@yaufey.com) for help.

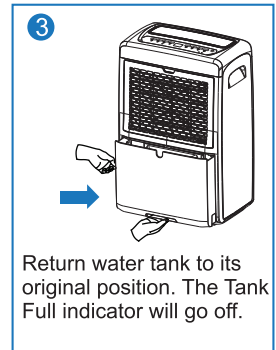
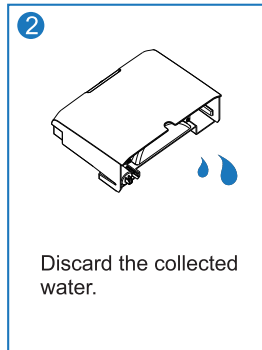
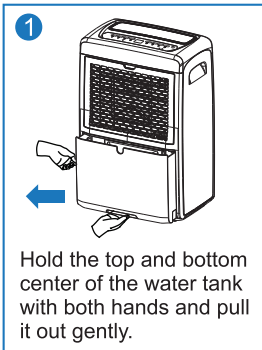
### Note:

Before starting the machine, please ensure that the air outlet has been opened, otherwise the machine will overheat. Do not pull out the power cord directly to stop the machine.

## L. Water Drainage

When the water bucket full of water, the full water indicator will light up, the machine will stop to working automatically. You should empty the water and put the water tank in to the proper position.

### Emptying the Water Tank

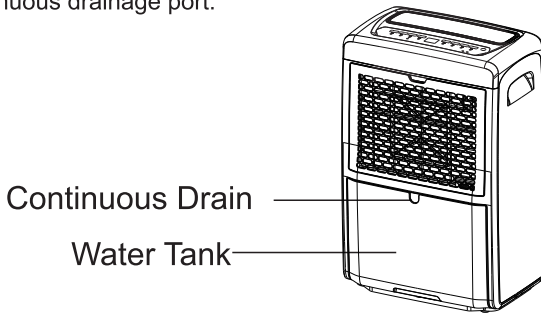


### Note:

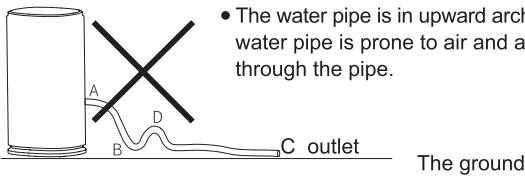
- Do not remove the float from the water tank. The water full sensor will no longer be able to detect the water level correctly without the float and water may leak from the water tank.
- If the water tank is dirty, wash it with cold or lukewarm water. Do not use detergent, scouring pads, chemically treated dust cloths, gasoline, benzene, thinner, or other solvents, as these can scratch and damage the tank and cause water leakage.
- When replacing the water tank, press the tank firmly into place with both hands. If the tank is not positioned properly, the "Tank Full" sensor will still be activated, and the dehumidifier will not operate.

## M . Continuous Drainage

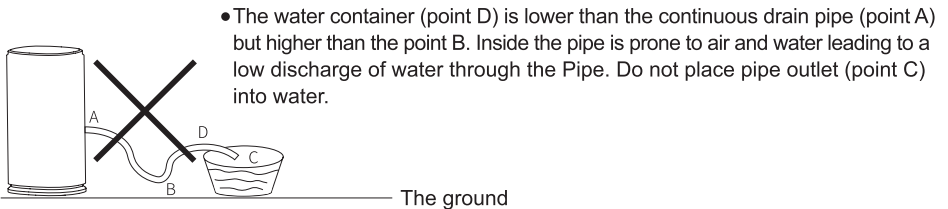
The continuous drainage function can be used by connecting the drainage pipe at the continuous drainage port.



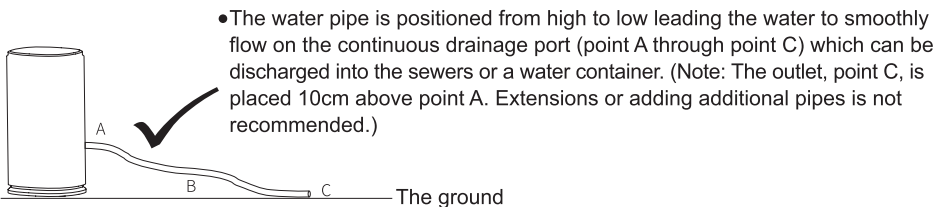
Picture 1: Example of improper installation.



Picture 2: Example of improper installation.



Picture 3: Example of proper installation.



The picture is for reference only.

## 4. Cleaning and Maintenance



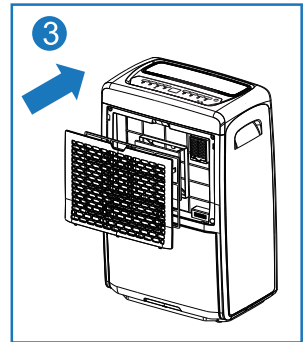
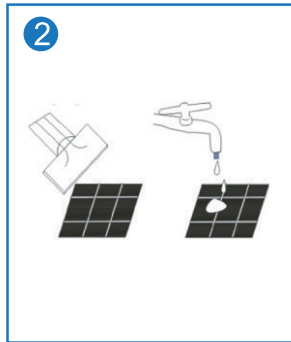
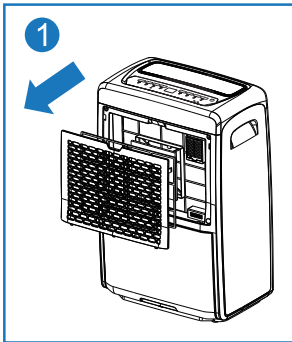
### Caution

In order to avoid electric shocks, please power off the machine and pull out the plug before cleaning or repair.

### A. Cleaning the Body

Wipe the unit body with a soft damp cloth.

### B. Cleaning the Filter



1. Pull up to remove the air filter.
2. Cleaning: Run a vacuum cleaner lightly over the surface of air filter to remove dirt. If the air filter is exceptionally dirty, wash it with warm water and a mild cleanser and dry thoroughly.
3. Insert the filter into the unit smoothly.

### C. Dehumidifier Storage

When the unit is not being used for a long time and you want to store it, please follow the steps below:

1. Empty any water left in the water tank.
2. Fold up the power supply cord and put it in the water tank.
3. Clean the air filter.
4. Store in a cool and dry place.

## 5、 Common Troubleshooting

Before calling Yaufey customer service, review this list, it may save your time and expense. The list included the most common occurrences that are not the result of defective craft or materials in this dehumidifier.

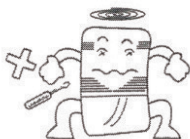
Problem	Possible Cause	Solution
The unit does not operate.	Has the power cord been disconnected?	Plug the power cord into the outlet.
	Is the water tank full indicator blinking? (The tank is full or in a wrong position).	Empty the water in the water tank and then reposition the tank.
	Is the room temperature above 35°C(95°F) or below 5°C(41°F).	This product is not designed to be used in an environment too cold or too hot. The protection device is activated and the unit cannot be started temporarily.
	Is the room temperature between 5°C(41°F) and 20°C(68°F)?	Auto-defrost is in progress. The unit cannot be started temporarily.
The dehumidifying function does not work.	Air flow is not smooth.	No less than 7.87" space should be set aside around the product.
	Low ambient humidity.	Belong to normal phenomenon.
Operation is noisy.	Is the unit tilted or unsteady?	Move the unit to as table and sturdy location.
	Clogging of intake?	Clean up dirt at product inlet and outlet.

If the dehumidifier operates abnormally or does not operate, and the solutions above are not useful. Please contact Yaufey customer service [support@yaufey.com](mailto:support@yaufey.com).

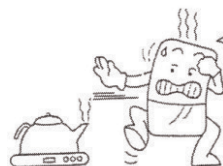
## 6、 Safety Precautions



1. When using, please don't place the machine on the soft and uneven ground, so as to avoid vibration or movement.



2. Do not use fine rods and hard objects to insert into the fuselage so as to avoid failure or danger.



3. When in use, please put the machine away from the stove, electric kettle and other heat sources.



4. When using, please close the door and window, so as to achieve the best dehumidification effect.



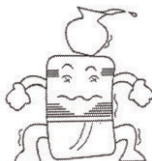
5. Please do not put things around the body, if the ventilation is blocked, the dehumidification effect will be affected.



6. In case of power failure or not used for a long time, please unplug the power line plug.



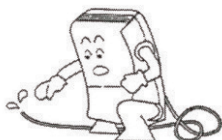
7. When clean the body, with a damp cloth gently wipe, do not direct water jetting.



8. Please do not put any object on the fuselage.



9. Clean the filter every two weeks (never use hot water above 40°C(104°F)degrees, alcohol, gasoline, or toluene ).



10. When continuous drainage, the drainage pipe must be placed horizontally, can not be uneven and winding situation.



11. After cleaning the filter, please do not dry in the sun, in order to avoid deformation.



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



## 7、 Technical Specifications

Model No.	PD221DE
Power Source	120V~60 Hz
Rated Power(95°F, 90% RH)	320W
Rated Current(95°F, 90% RH)	2.8A
Moisture Removal Capacity(65°F, 60% RH)	14.7 Pints/Day(7L/Day)
Moisture Removal(80°F, 60% RH)	22.4 Pints/Day(10.6L/Day)
Moisture Removal(86°F, 80% RH)	42.7 Pints/Day(20.2L/Day)
Moisture Removal(95°F, 90% RH)	55 Pints/Day(26.2L/Day)
Input Power(65°F, 60% RH)	195W
Input Current(65°F, 60% RH)	1.8A
IEF(65°F, 60% RH)	1.45 liters/kWh
Motor FLA	0.35A
Motor Compressor	RLA:3.8A; LRA:10.6A
Refrigerant	R134a (5.29 ozs)(150g)
Maxlimum Allowable Pressure	363 PSIG(2.5MPa)
High Pressure	232 PSIG(1.6MPa)
Low Pressure	90 PSIG(0.62MPa)

If have any change for specification and design,please forgive will not specfy additionally.

 **WARNING:**

This product can expose you to chemicals including Styrene and its compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# Warranty

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Yaufey offers a 12-month warranty to all of our products, newly purchased and unused, from Yaufey or through an authorized reseller, together with the original proof of purchase when a defect occurred, 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 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 Yaufey.

These are our general terms for the warranty service, but we always urge our customers to reach out to us with any issue, regardless of warranty terms. If you experience an issue with a Yaufey product, please contact us at [support@yaufey.com](mailto:support@yaufey.com), we will do our best to resolve it for you.

## Extend Your Warranty by 1 Year

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

\*Please filled 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. Yaufey customer service is here to help!

### Yaufey Office

13211, Spring Street Baldwin Park, CA, US

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

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

### Support Hours

24 Hours available

\*Please have your order number before contacting customer support.



# YAUFEY

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



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(Scan the QR Code for Live Chat)

We would love to see our product being used and how it makes your day!! Your support means the world, Please tag us if you share a snap on your social media.

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