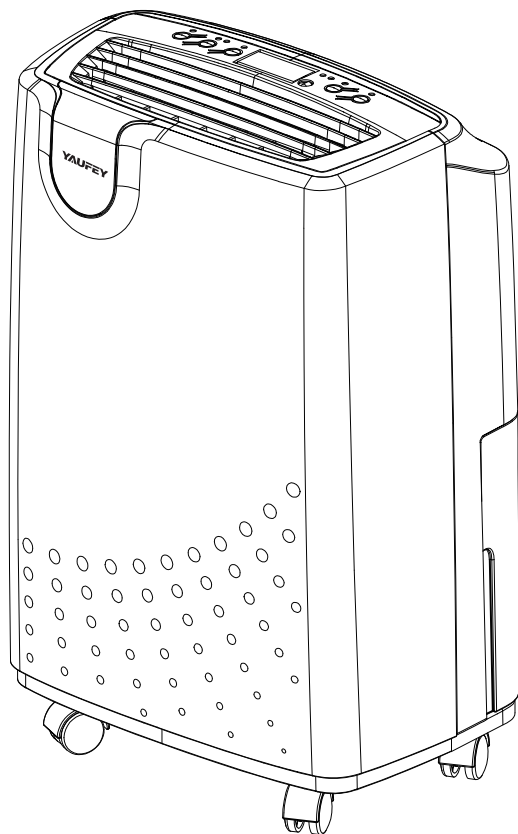


# YAUFEY

Home Dehumidifier



## MANUAL

PD161D



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## **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.

## **To Access Customer Support Faster**

If there is any problem of the product, please contact Yaufey Customer Service at [support@yaufey.com](mailto:support@yaufey.com) with your purchase Order ID to help us address the problem faster.

# Important Safety Instructions

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## **IMPORTANT NOTICE FOR FIRST USE**

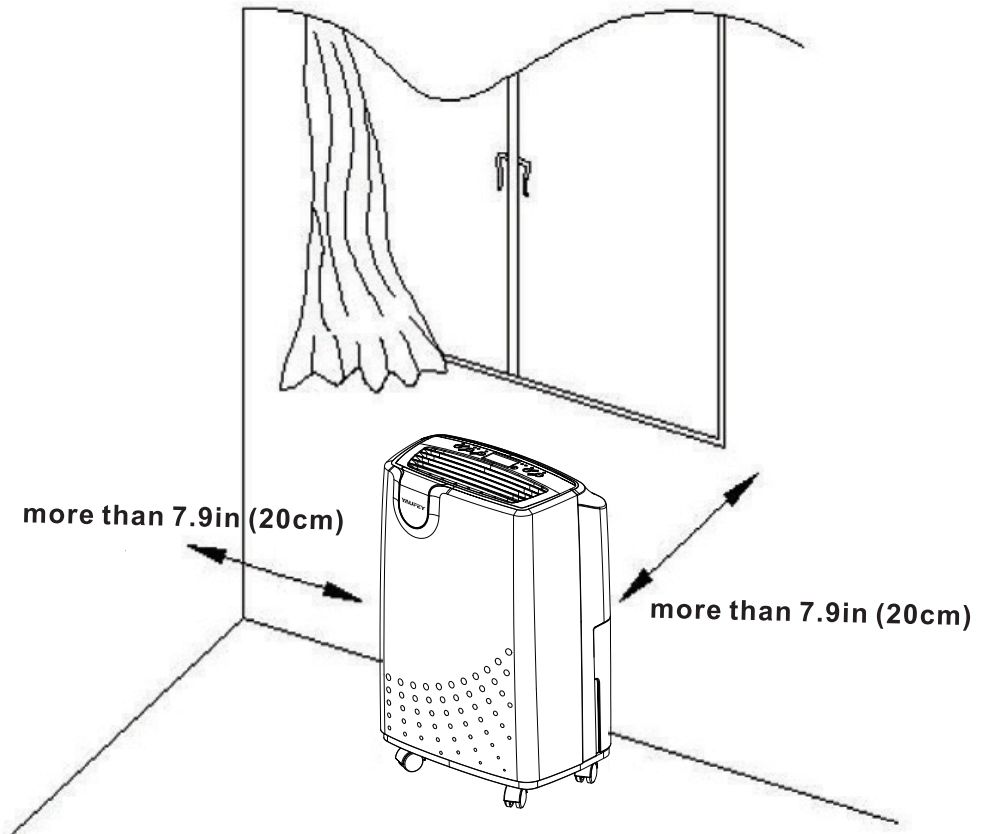
**To prevent user or other people's property damage injury, the instructions should be followed properly. Incorrect usage due to ignoring the instructions may cause or harm or injury. This manual is for household use only.**

1. Make sure to turn off and unplug the dehumidifier before cleaning.
2. Do not touch the plug when hands are wet.
3. Do not operate or turn off the dehumidifier by plugging in or unplugging the device. Use the control panel instead.
4. Make sure that the water hose is sloping downward to let the water flow out smoothly.
5. Do not use if the power cord is broken or damaged.
6. Do not place the dehumidifier in places where it may be splashed by water.
7. Do not place the dehumidifier near a heat source.
8. Do not install the dehumidifier in a location that may be exposed to combustible gas.
9. Do not use the dehumidifier near flammable or combustibles, such as gasoline, benzene, thinner, etc.
10. Do not use in areas where chemicals are handled.
11. Do not climb on or place objects on the dehumidifier.
12. Do not place a heavy object on the power cord and make sure that the cord is not compressed.
13. Place the dehumidifier on a level, sturdy section of the floor, and avoid placing on uneven or tilted section. If the dehumidifier is knocked over during use, turn off the dehumidifier and unplug it from the main power supply immediately. Visually inspect the dehumidifier to ensure there is no damage.
14. Disconnect the power if strange sounds, smell, or smoke comes from the dehumidifier.
15. Do not take the water bucket out while the dehumidifier is working.
16. Do not cover the intake or exhaust openings with cloths or towels.
17. Use the dehumidifier with care in the presence of the following persons: infants, children, the elderly and people not sensitive to humidity.
18. Never insert your finger or other objects into grills or openings of the unit. Keep out of reach from children to avoid dangers.
19. You should never try to take apart or repair the dehumidifier by yourself.

# Important Safety Instructions

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20. Do not drink or use the water drained from the dehumidifier.
21. Always insert the filters securely. Make sure to clean the filter once every month.
22. Do not use the dehumidifier in tiny spaces.
23. If water enters the dehumidifier, please turn the dehumidifier off and disconnect the power, contact Yaufey Customer Service at email: [support@yaufey.com](mailto:support@yaufey.com) in order to avoid a hazard.

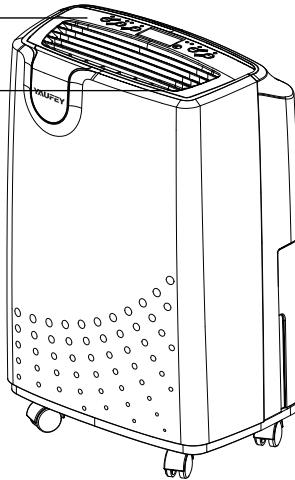


# Parts Description

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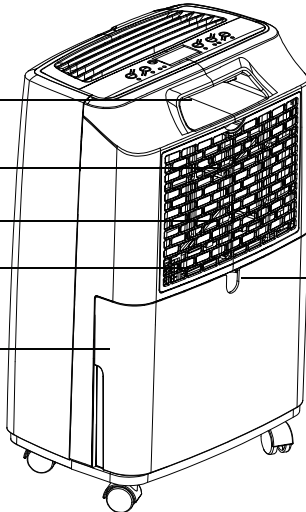
## FRONT

- Control Panel
- Air Outlet Grille



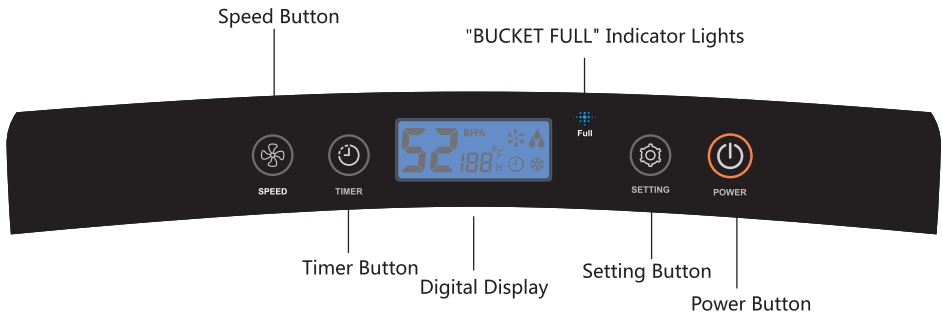
## REAR

- Handle
- Filter
- Air intake Grille
- Humidity Sensor
- Bucket
- Drain Hose Outlet



# Operation

## CONTROL PANEL



### **POWER button**

Press to turn the dehumidifier on and off.

### **SETTING button**

The humidity level can be set within a range of 30%RH to 80%RH in 5% increments.

-When it starts to work, it will automatically detect and show the room's humidity and temperature.. Press the "SETTING" button to change the humidity selection in 5% increments. It can be set circularly. (After you have set the desired humidity, the readout will display the actual room humidity.)

-When the humidity level is higher or drops to the level you set, the dehumidifier will automatically begin to work or stop.

-When the humidity level is set at 30%RH, the dehumidifier will be at CONTINUOUS dehumidifying mode.

### **TIMER Button**

The "TIMER" Button enables you to either Delay Start or Delay Stop the unit in the choice from 1 hour to 24 hours. In the shutdown state, the timer is set to the timing boot. In the boot state, the timer is set to the time shutdown.

TIMER setting:

1. Press "TIMER" button to change the delay timer at 1 hour increments, up to 24 hours. The control will count down the time remaining until start.
  2. Click "TIMER" button, the control will display the room temperature like before. Click "TIMER" button again at any time will stop the TIMER function.
- Turning the dehumidifier ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop function.



# Operation

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## Note:

- Before entering TIMER setting, make sure power is being supplied to the unit.
- Before entering TIMER setting, make sure pressing Setting Button sets one desired room humidity first.



## SPEED Button

Control the fan speed. Press to select either High or Normal fan speed. A higher fan speed will result in quicker moisture removal. 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.



## "BUCKET FULL" Indicator Lights

When the bucket is full, the light will flash and the machine will automatically shut down. After the water in the bucket is emptied, put the bucket back in place then the indicator light will not be showing, and the machine will restart.



## Auto Defrost Feature

When the dehumidifier is running at a lower temperature, the system will automatically determine if there is frost, and if frost is present, it will automatically defrost.

## Defrost action

The fan runs at high wind speed while the compressor stops, and the LCD screen displays the defrosting symbol.

## Action Description

Power on: Compressor starts after fan works for a few seconds.

Power off: Compressor shuts down at once, after a few seconds, the fan will stop. (Note: When malfunctions occur or humidity reached the desired level, the fan will stop after ten seconds)

Tips: The compressor features "3-minute delay protection" function — While the dehumidifier is powered, the compressor can only start again three minutes after its last shutdown.

# Operation

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## Fault & Protection Codes:

Number	Fault code	Name of the fault
1	E1	Humidity sensor error
2	E2	Defrost temperature sensor error
3	E4	Temperature sensor error
4	E7	Bucket is full. Empty the bucket.

## Attention :

1. If the display reads "E1", "E2" or "E4" error codes, please turn off and unplug the unit, and check for any obstructions. Plug it in again and restart the dehumidifier,
2. When one of the above malfunctions occurs, the buzzer will alarm for a few seconds. Press any key during the alarm to release the alarm sound. If the error code is still showing, 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.

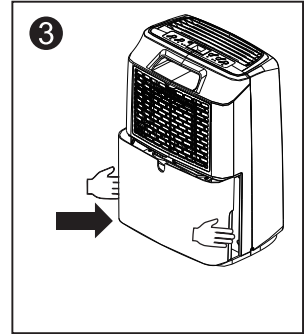
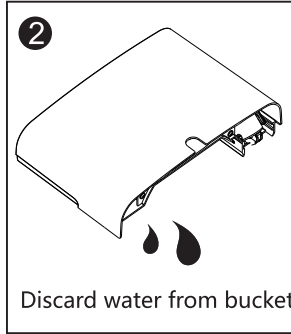
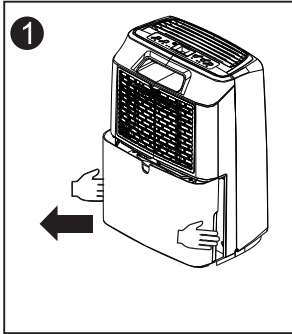
# Operation

## REMOVING THE COLLECTED WATER

There are two ways to remove collected water:

### 1. Use the bucket

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



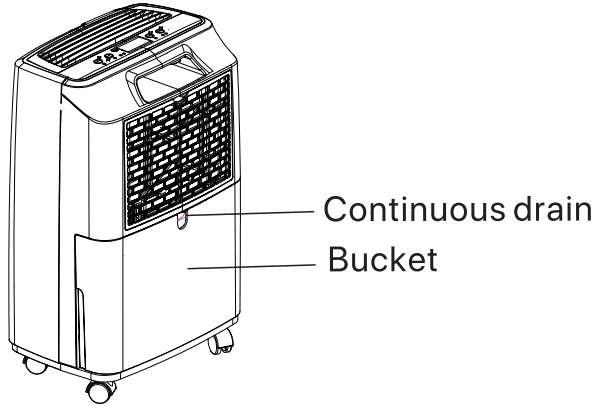
### Note:

Replace the empty bucket back into the unit and once seated correctly, the unit will start up again.

- You should hear a click when the bucket is in the correct position.
- Do not remove the float in the bucket, otherwise the sensor will not be able to sense the water level properly, so that the water will overflow from the bucket when the bucket is full.
- If the tank is dirty, only can be used in cold or warm water wash, do not use detergent, steel wool, chemical processing dust cloth, gasoline, benzene, thinner or other solvent treatment, otherwise it may cause damage to the tank Water Leakage.

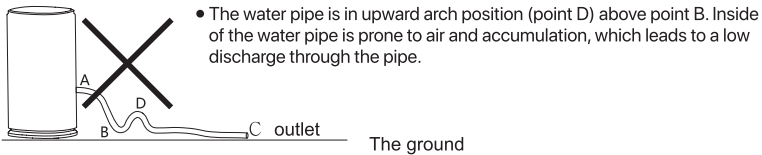
## 2. Continuous Drainage

The continuous drainage function can be realized by connecting the drainage pipe at the continuous drainage port .(Note: The continuous drain port diameter is 0.63inch.)

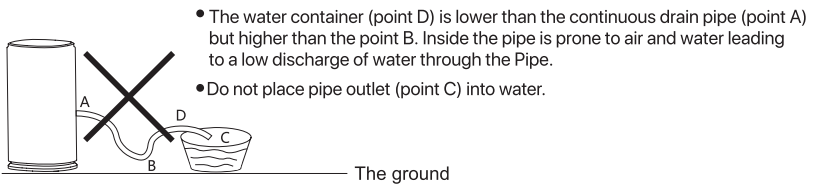


### Continuous drainage Pipe installation

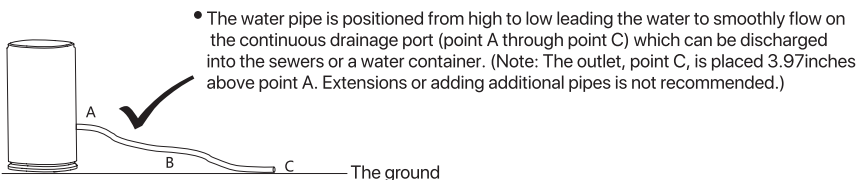
Picture 1: Example of improper installation.



Picture 2: Example of improper installation.



Picture 3: Example of proper installation.



The picture is for reference only.

# Care & Cleaning

## CARE AND CLEANING OF THE DEHUMIDIFIER

### **WARNING:**

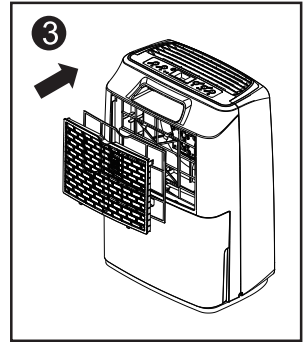
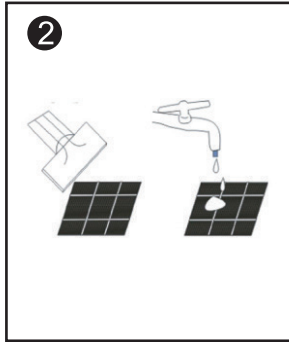
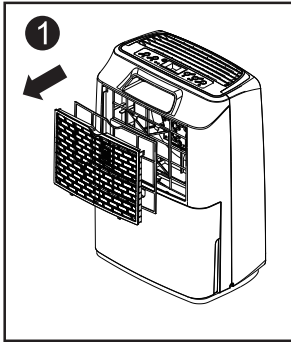
Turn the dehumidifier off and remove the plug from the power source or outlet before cleaning

### **1. Clean the bucket**

Clean the bucket with water every two (2) weeks.

### **2. Clean the air filter**

Clean the filter with clean water at least once every 30 days.



### **3. Storing the dehumidifier**

When the dehumidifier is not used for long period of time.

- After turning off the dehumidifier, wait one day before emptying the bucket.
- Clean the main dehumidifier, bucket and air filter.
- Wrap the cord and tie it with a band (e.g. rubber band).
- Cover the dehumidifier with a plastic bag.
- Store the dehumidifier upright in a dry, well-ventilated place.

### **CAUTION:**

Do not operate the dehumidifier without a filter. Because dirt and lint will clog it and reduce performance.

# Troubleshooting

See the information below for troubleshooting steps that will save you time to resolve issues that may happen with the unit. The list includes most common issues. Listed below are not result of defective unit, crafts or materials in the unit. If all troubleshooting steps has been exhausted and issue is still occurring, feel free to get in touch with Yaufey Customer Service to get further assistance.

Problem	Reason	Method
Dehumidifier does not work	The power cord is unplugged.	Make sure that the unit's plug is inserted properly into the power outlet.
	Is the TankFull 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 95°F (35°C) or below 41°F (5°C).	This product does not apply to over hot or cold environment, the machine will automatically protection, it is a normal phenomenon.
	Is the room temperature between 41°F(5°C) and 68°F(20°C) ?	When running under lower ambient temperature, the machine will automatically defrost, it is a normal phenomenon. Wait until the defrost process finish, it will restart dehumidifying again.
	The dehumidifier is in the defrosting process.	It is normal the compressor ceases while defrosting process. Wait until the defrost process finish, it will restart dehumidifying again.
	Does the room humidity is lower than or reach the preset humidity level? (The room humidity has reached the preset humidity level, the dehumidifier enters into Standby Mode and the the LCD and indicators will flashing.)	Please set the humidity 5% decrease by degrees than the room humidity or set the humidity to 30%.
	There is prevent frequent start function in the machine. Dose the machine stop working just now?	Please wait for more than 3 minutes.
	Room humidity is low.	The dehumidifier is designed to work in the humidity range of 30%-80%. Above or below the work humidity range, it will not work.

# Troubleshooting

Dehumidifier does not dry the air as it should	The air filter is dirty.	Clean the air filter.
	Is the air inlet or air outlet obstructed?	Remove the obstruction from the air inlet or outlet.
	The dehumidifier size is too small for application.	Increase the quantity of dehumidifier. Or change a higher capacity dehumidifier.
	Poor air circulation.	Please leave about 7.9inch(20cm) around the product.
	Did not allow enough time to remove the moisture.	Allow enough time to remove the moisture. When first installed, allow at least 3-4 days to maintain the desired RH.
	The room has not been sealed properly.	Check that all doors, windows and other openings are securely closed.
	Room temperature is too low, or below 41°F (5°C)(The machine will not work and or poor dehumidify efficiency in low temperature)	Please wait the temperature rises above 5°C or higher.
The dehumidifier makes loud noise when operating	The dehumidifier is not positioned level.	Move the machine to a horizontal position.
	Is there blocking around the air inlet? The air filter is clogged.	Clean up the dirty form the on the air outlet and intake.
	Is the filter installed correctly?	Please check whether the filter packing bag removed and install correctly.
Dehumidifier operates continuously	Check if the dehumidifier is in CONTINUOUS MODE.	Don't set the humidity too low. Typically, 40-50% are good settings to use.
	Room humidity is too high.	Change humidity settings. Or change a higher capacity dehumidifier.
	Doors and windows are open.	Ensure that all doors, windows and other openings are closed.

# Troubleshooting

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Overflow of water on floor	Hose to connector or hose connection may be loose.	Connect the hose with the drain outlet tightly.
	The water bucket has not been installed properly.	Re-install the water bucket properly.
	The water tank 's float has been stuck.	Move the float and let it can be swung freely.
	The magnet on the float has come off.	Put the magnet in right position.

If the steps provided above may not resolve the problem and still occurring. Please contact Yaufey Customer Service at [support@yaufeiy.com](mailto:support@yaufeiy.com) to get further assistance.



# Technical specifications

Model Nade	Dehumidifier
MODEL	PD161D
POWER SOURCE	120V ~ 60Hz
RATED POWER(95°F,90%RH)	200W
RATED CURRENT(95°F,90%RH)	2.0A
MOISTURE REMOVAL(65°F,60%RH)	8.5 Pints/Day(4.0L/Day)
MOISTURE REMOVAL(80 °F,60%RH)	13 Pints/Day(6.15L/Day)
MOISTURE REMOVAL(86 °F,80%RH)	25 Pints/Day(11.8L/Day)
MOISTURE REMOVAL(95 °F,90%RH)	31 Pints/Day(14.7L/Day)
INPUT POWER(65°F,60%RH)	120W
INPUT CURRENT(65°F,60%RH)	1.1A
IEF( 65°F,60%RH)	1.30 liters/kWh
MOTOR FLA	0.19A
MOTOR COMPRESSOR	RLA:1.7A LRA:10.0A
REFRIGERANT	R134a/3.88ozs(110g)
MAXLMUM ALLOWABLEPRESSURE	363PSIG(2.5MPa)
HIGH PRESSURE	232PSIG(1.6MPa)
LOW PRESSURE	90PSIG(0.62MPa)

 **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)