

waykar

Home Dehumidifier

Please read this manual carefully
before using the product

YDZ-120

USER MANUAL

FOR CUSTOMERS

Thank you for purchasing our dehumidifier.

Waykar has been committed to developing powerful and easy-to-use products to bring more convenience to your life. We highly recommend you to keep this user manual for future reference in case of unexpected problems.

Please read this user manual carefully to ensure proper use of the dehumidifier. This dehumidifier is perfect for reducing humidity in family bedrooms, bathrooms, basements, offices, storage rooms and more.

Waykar dehumidifier reduce the room humidity efficiently, creating a more healthy and comfortable environment for you and your family.

REQUESTING CUSTOMER SERVICE

If there are any problems of the product, please contact Waykar Customer Service at support@waykar.com with your Purchase Order ID. We'll help you solve the problems as soon as possible.

BEFORE FIRST USE:

To protect the product from any internal damages, please keep the product in the upright position throughout its journey.

Please take out the product and leave it standing in the upright position for **24 HOURS** before plugging it in.

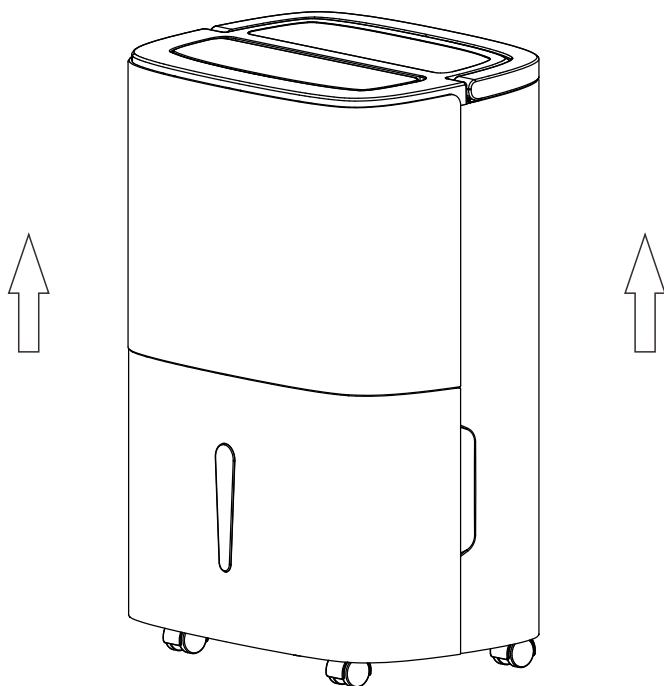


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SAFETY PRECAUTIONS

IMPORTANT NOTICE FOR FIRST USE :

For your safety, please read the following contents carefully before using this dehumidifier.

Requirements

- Install this dehumidifier in smooth place to reduce vibration and noise.
- Do not place this dehumidifier in water or other liquids.
- In order to prevent accidents, please do not use this dehumidifier if wires or other connections are damaged.
- This appliance can be used by children aged from 8 years and above and persons 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.
- When stop, reset or clean this dehumidifier, please cut off the power.
- Please use at the specified voltage.
- This dehumidifier can only be used indoor, please do not use for other purposes.
- Please do not place heavy objects on this dehumidifier.
- Please empty water tank to prevent overflow and spill before restarting this dehumidifier.
- Please do not incline in case that the spilled water damages this dehumidifier.
- Please do not place waste rods and hard objects into the dehumidifier in case that error and damage occur.
- 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.
- When this dehumidifier is not used for long time, please unplug the electric cord.
- Power supply of the Dehumidifier shall comply with the safety regulations where it is used and ensure reliable grounding.

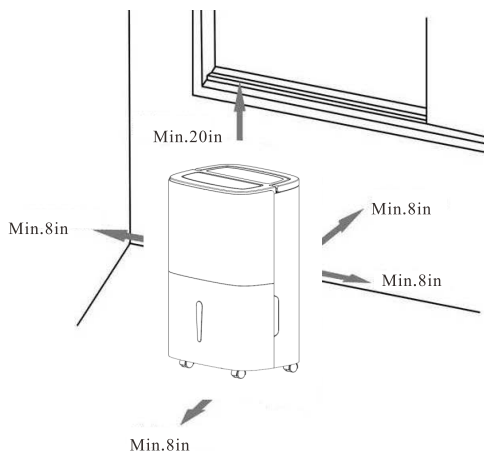
IMPORTANT SAFETY INSTRUCTIONS

Prohibition

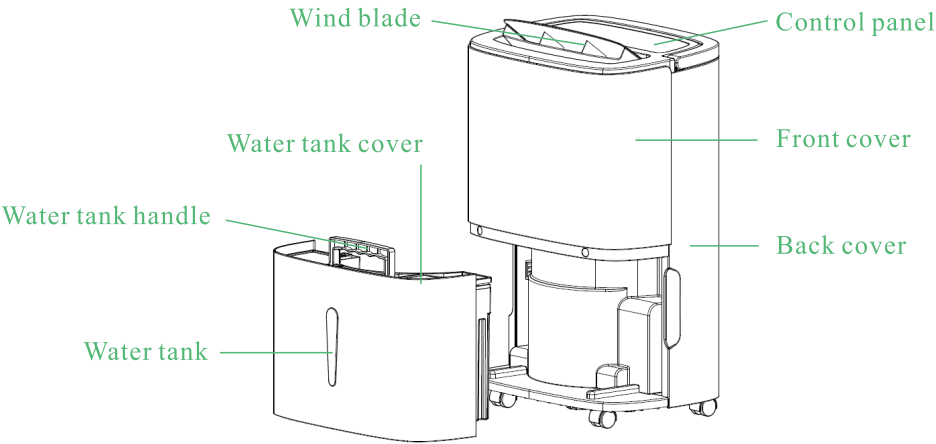
- Please do not place this dehumidifier close to heating devices (flame or heaters, etc.).
- Please do not turn on or turn off this dehumidifier by plugging in or pulling out the plug.
- Do not use insecticide spray or other flammable substances in the vicinity of this dehumidifier.
- Do not scratch appearance of this dehumidifier with sharp matters.
- Do not splash oil or water into this dehumidifier.
- Do not clean this dehumidifier with water, please wipe it with subhumid soft cloth.
- Do not wipe this dehumidifier with chemical solvents such as benzene, gasoline and alcohol, etc. If this dehumidifier is indeed dirty, please wipe with neutral detergent.
- Please do not incline this dehumidifier over 45° or place this dehumidifier upside down.

Installation

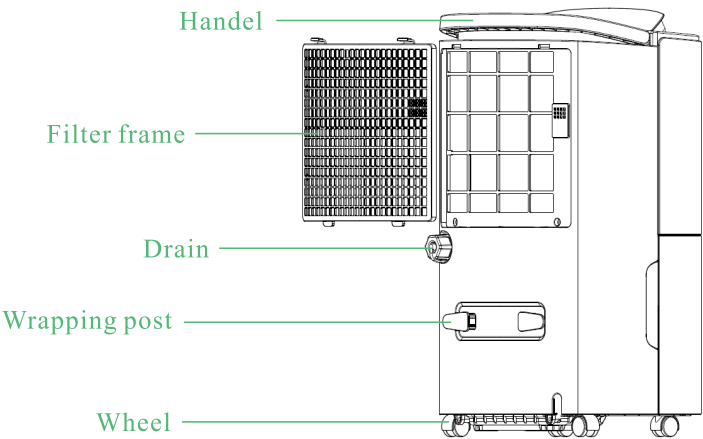
- Please drain the water from water tank before running.
- During running please do not open doors and windows as much as possible since this can save energy resources.
- When the dehumidifier is installed, a certain space must be reserved around this dehumidifier, the minimum distance above is 20in, and the minimum distance above is 20in, and the minimum distance in front/rear and left/right is 8in as required, as shown in figure below.
- When big noise is found during operation of this dehumidifier, it is recommended inserting pads or damping rubber sheets, etc. below this dehumidifier, this can reduce vibration and noise, and can also reduce sinking of wood floor or carpet.



PRODUCT DRAWINGS



(Front side)



(Back side)

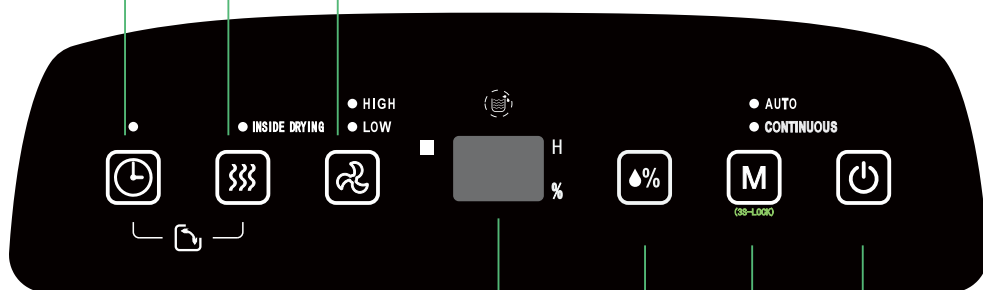
OPERATION INSTRUCTIONS

Control Panel

Timer 24h timer setup, press this key to set on/off time of the dehumidifier, and the setting range is 1-24h. If you need to cancel timer setup, press twice continuously after confirmation of setting time.

Dry key in dehumidifier Press this key to start drying procedure in the dehumidifier, this can prevent mold inside the dehumidifier due to damp. The whole drying procedure needs approximate 1h. Press this key again to cancel the drying function in the dehumidifier, and to recover to running state before starting drying.

Air speed: In AUTO or CONTINUOUS mode, HIGH and LOW can be circularly selected.



LCD Display Three LCD-Display Modes: Auto, Continuous and Drying. Please set a target humidity when the mode is Auto, then the machine will automatically adjust the humidity.

Humidity setting Once this key is pressed, the humidity is displayed circularly in the range 30%-80%, with 5% increment, and the humidity setting is only valid in AUTO mode.

Mode During startup or timer startup press this key to select AUTO, CONTINUOUS and DRYING modes, etc., and the indicator lamp corresponding to the selected mode is on. Long press (3 seconds) the Mode button to activate the Child Lock. Repeat the process to turn the Child Lock off.

On/off key Press this key to turn on or turn off the dehumidifier

Operating methods

Timer off

- When the dehumidifier is running, press the [Timer key] to adjust time from 1h to 24h, and press the key once to increase the setting time by 1h. When the setting time exceeds 24h, the figure will be returned to 1 to start cycle. The Timer key can also be long pressed, and the time will be increased and changed circularly. When the setting time expires, the dehumidifier will be turned off automatically. The set time is confirmed if the [Timer key] does not act anymore within 5s after completing the setting. The key lamp on the [Timer key] is always on in timer off state.

Timer on

- When the dehumidifier is in standby state, the method of setting time by the [Timer key] is the same as timer off. The set time is confirmed if the Timer key does not act anymore within 5s after the setting is completed. In timer on state the key lamp on the [Timer key] is always on, and the set time will be displayed on the control panel.

AUTO mode

- Select AUTO dehumidification, if the room humidity is higher than the set humidity or is between +5% or -5% of the set humidity, the compressor will start and the fan will run at the set speed. If the room humidity is lower than the set humidity by -5%, then the compressor will stop but the fan will run at the set speed. The default set humidity value is 50%.

CONTINUOUS mode

- Select CONTINUOUS dehumidification, no matter what the relative humidity in the room is, the compressor will start, the fan will run at high speed, and the air speed can be regulated via the air speed key.

DRYING function in dehumidifier

- Press the [Drying key] in dehumidifier to start drying in the dehumidifier, and the whole drying procedure needs approximate 1h :
 1. The dehumidifier will start at HIGH air speed and release air continuously for 30min;
 2. The dehumidifier will turns to run at LOW air speed and last for 20min;

DRAINAGE

How to stop:

1. Press the key again to cancel drying in dehumidifier, and recover to the running state before start of drying.
2. Press the [Power key] to stop drying in dehumidifier and recover to the standby state.

Air-swing function

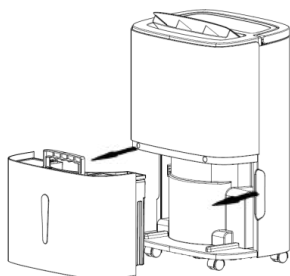
- Press the Timer button and the Drying button at the same time to start or end the Air-swing function.

Drainage

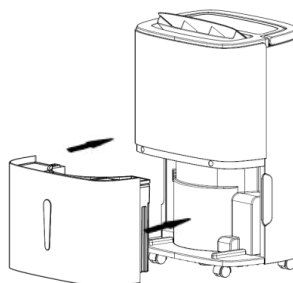
1. Water tank

- When the water tank is full of water, the full water icon on LCD will flash (the compressor and fan will stop running), the BUZZER will sound for 10 times to remind the user till water is drained.

- Place both hands respectively at the side of the back cover side of the depression, gently remove the water tank and open the tank cover on the right side of the body, then pour the water from the gap between water tank and the cover.



- Close the tank cover, and rotating water tank handle down, then put the water tank gently and put it back in the right place to restart dehumidifier.



Attention: Please empty the water tank if it is full of water. Before putting the water tank into the dehumidifier, please confirm whether the floater rotates flexibly or not, and then push it in position with both hands.

DRAINAGE

Drainage method

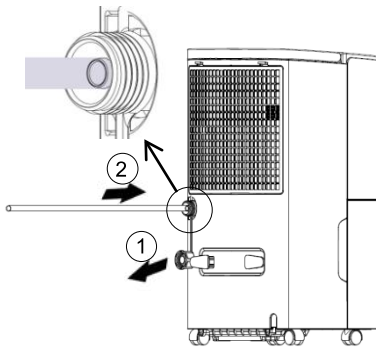
- If you do not want to drain water in the water tank frequently, you can connect a drainage pipe:
- a. Connect a drainage pipe (with outer diameter 13mm on the back of this dehumidifier.
 - b. Find a garden hose with standard thread, with 1 ¹/₁₆ in (1.0625 in or 26.98mm) outer diameter and 11.5TPI pitch.

Note:

- If won't use it for a long time, take down the water cover and clean the dehumidifier.
- Before take down the water cover, use a cup to hold water to avoid wet the floor.

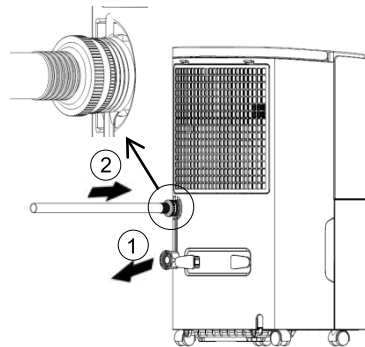


- Find the position of water outlet, take down water cover, pull down the water plug.
- Connect the pipe with 13mm diameter.



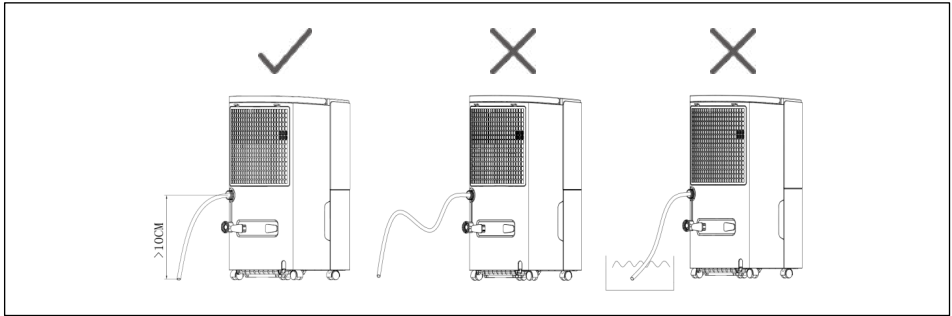
(a)

- Find the position of water outlet, take down watercover, pull down the water plug.
- Connect the garden pipe.



(b)

DRAINAGE



Note :

- The drainage pipe shall not be longer 2.36in, and the end of drainage pipe should be lower than the outlet for at least 3.94in to keep the pipe smooth, otherwise there will be leakage.

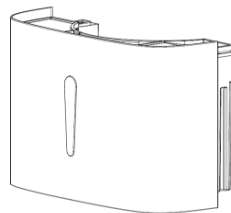
MAINTENANCE & CLEANING

Maintenance

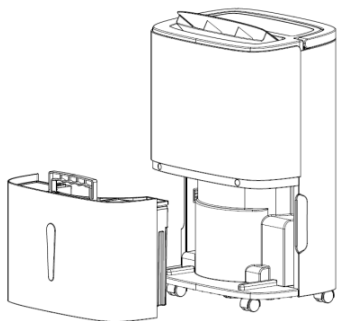
Precautions:

- Please disconnect power supply before maintenance or repair to prevent electric shock.
- If the dehumidifier is not used for long time, please disconnect power supply.
- Please do not clean the dehumidifier body with chemical solvents such as alcohol, gasoline and benzene, etc.

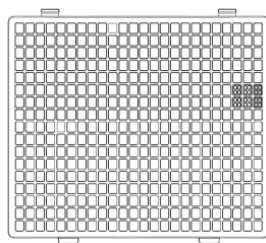
- Please clean the water tank and its cover with soft cloth dipped in cold or warm water at regular time to prevent mould inside the dehumidifier.



- Wipe the surface of the dehumidifier slightly with wet cloth, and do not use detergent or abrasive in case the plastic surface is damaged.



- Clean the filter and the frame at least once per two weeks simply with cold or warm water, do not use chemical solvents or hot water.



TROUBLESHOOTING

If the following problems occur to the dehumidifier, the following solutions can be adopted.

Symptoms	Possible Causes	Solutions
The dehumidifier does not run	Does power plug fall ?	Insert power plug into socket.
	Is the water tank full of water ? (the water tank is full of water or is placed at incorrect position)	Drain water from the watertank, and then install the water tank again.
	The ambient temperature is lower than 5°C or higher than 32°C	Normal phenomenon
The dehumidification function is not effective	Is the room temperature or humidity too low ?	In dry season the dehumidification ability will reduce.
	Are the air outlet and inlet blocked ?	Clean up the objects blocking the air outlet and inlet.
Air is not blown out	Is the air strainer blocked ?	Clean the air strainer according to the above method.
Noise is abnormal during operation	Is the dehumidifier placed improperly so that it is inclined or unstable ?	Please place the dehumidifier in smooth place.
	Is the air strainer blocked ?	Clean the air strainer according to the above method.
	There is “tittering” sound	The flowing sound of refrigerant, which is a normal phenomenon.

TROUBLESHOOTING

Symptoms	Possible Causes	Solutions
Water leaks	Connection of drainage pipe becomes loose	Fasten drainage pipe.
	Drainage system is blocked	Remove obstacles and straighten out water pipe.
Frosting occurs	The ambient temperature is low, and it is in the state waiting for defrost.	It is a normal phenomenon, and the dehumidifier has the automatic defrosting function.

Symptoms	Solutions
FL	The water tank is full
E1	The coil sensor detects anomaly
E2	The room temperature sensor detects anomaly
P1	The unit is in the defrosting state, normal
CL	The unit is in the internal drying state, normal
LC	Child lock function starts

Q: Why is less water stored in water tank of the dehumidifier in winter?

- In winter temperature is low and air is dry. In comparison with summer, the dehumidification ability of the dehumidifier decreases remarkably, it is not considered defective.

Q: Why the dehumidifier cannot run or stop running suddenly?

- This dehumidifier may be full of water or water tank is not installed properly, drain the water in water tank, or re-install water tank in correct way.
- At the moment the dehumidifier may be in the “dehumidification mode”, the ambient temperature is lower or higher (dehumidification cannot be performed when the ambient temperature is $<5^{\circ}\text{C}$ or $>32^{\circ}\text{C}$).
The ambient temperature for operation of the dehumidifier is $5 - 32^{\circ}\text{C}$, and the relative humidity is 30%-80%. The optimal temperature for use is $16-32^{\circ}\text{C}$.

Q: Why is hot air blown out from air supply outlet ?

- This dehumidifier extracts the air in the room, and the dehumidification unit cools the air, the temperature decreases below the condensation point, the air condenses into water drops, which falls into water tank finally, and the dehumidified air is heated by the temperature returning unit. This can reduce energy consumption and also accelerate dehumidification, therefore, hot air is blown out, it is not considered defective.

SPECIFICATIONS

MODEL	YDZ-120
POWER SOURCE	115V~ 60Hz
MOISTURE REMOVAL (65 °F, 60%RH)	30 PINTS (14.2 L/DAY)
MOISTURE REMOVAL (80 °F, 60%RH)	50 PINTS (23.6 L/DAY)
MOISTURE REMOVAL (86 °F, 80%RH)	80 PINTS (37.8 L/DAY)
HIGHEST MOISTURE REMOVAL	120 PINTS (56.8 L/DAY)
INPUT POWER (65°F, 60%RH)	360W
INPUT CURRENT (65°F, 60%RH)	3.3A
IEF (65°F, 60%RH)	1.8 L/kWh
MOTOR FLA	0.5 A
MOTOR COMPRESSOR(RLA/LRA)	2.9A / 18.7A
REFRIGERANT	R32/130g
MAXIMUM ALLOWABLE PRESSURE	5.8 MPa
HIGH PRESSURE	4.0 MPa
LOW PRESSURE	0.5MPa

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.

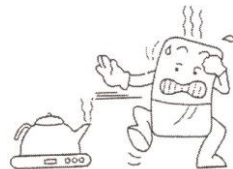
SPECIAL NOTES



- 1 When using the machine, please do not put it on a soft or uneven ground to prevent vibration and movement.



- 2 Do not insert any thin rods or hard items into the machine to prevent malfunctions and dangers.



- 3 When using the machine, please keep it away from any heating furnaces, electric kettles and other heating sources.



- 4 When using the machine, please close doors and windows for the optimal moisture removal effect.



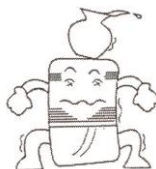
- 5 Please do not put any objects around the machine. The dehumidification effect will be affected if the ventilation is bad.



- 6 Please unplug the machine from the power source if you do not use it for a long time.



- 7 When cleaning the machine, please use wet cloth to wipe gently. Do not spray water on it directly.



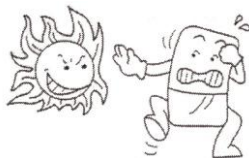
- 8 Please do not put any objects on the dehumidifier.



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



- 10 When using the hose to drain continuously, please place the hose horizontally and make sure it is even and not winded.



- 11 After cleaning the filter, please do not dry it under direct sunlight to prevent it from deforming.



- 12 Before moving or carrying the machine around, please empty the water tank first.

WARRANTY & CONTACT US

Warranty

Waykar 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 Waykar 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 Waykar.

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 Waykar product, you can reach out to us at support@waykar.com, we will dedicate our efforts to resolve it for you.

Extend Your Warranty by 1 Year

Register your product at www.waykar.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

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

Waykar Office

210 Henson Road Bldg A, Blacksburg, SC 29702 USA

Email: support@waykar.com

Live Chat: www.waykar.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.waykar.com



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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.

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