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### 1. Introduction & Feature

This intelligent vacuum travels through living spaces, bedrooms, kitchens, and more to deliver a cleaning experience that's hassle-free and stays out of your way. It can easily navigate from hardwood floors to rugs and carpet with rubber wheels that grip. The Optimax UV also uses gyroscopic and optical sensors to find its way in a room that creates the most effective path to clean without missing a spot. It's so good that it knows where it hasn't cleaned and where it has already cleaned! Looking under the hood of this Optimax UV, you'll see a complete cleaning system equipped with a potent, sanitizing UVlight on the undercarriage, a side brush that pulls dirt and debris into the suction area, a roller brush to capture even the smallest particles, and a powerful suction vent that draws dirt, dust, and debris into a large dustbin. Built-in multi-directional movement and sensors that identify stairs and avoid collisions. Its slim frame quietly utilizes a super-efficient, 3-stage cleaning system that has four modes and can be operated via a wireless remote or the Tzumi Smart Home App, compatible with Alexa and Google Assistant. Program it to clean when you want, and when the job is done (or the battery is running low), the ionVac Optimax UV returns to its dock for automatic charging, and it will tell you that itself as it has many voice prompts of its own, so you'll always know what it's "thinking."

The Optimax UV should not be used by children and persons with reduced physical, sensory, or mental capabilities. Children should not play with the Optimax UV. Cleaning and user maintenance shall only be done by adults. The Optimax UV must be used in accordance with the directions in this Instruction Manual. Tzumi Electronics cannot be held liable or responsible for any damages or injuries caused by improper use. To reduce the risk of injury or damage, keep these safety precautions in mind when setting up, using and maintaining your Optimax UV:

 Read all safety and operating instructions before operating your Optimax UV. Retain the safety and operating instructions for future reference. Heed all warnings on your Optimax UV, battery, Charging Dock and in the owner's manual. Follow all operating procedures and user instructions.

The symbol on the product or its packaging indicates: Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local authority for information regarding the collection systems available.

### 2.1 User Cautions

The Optimax UV is for indoor use only. Do not use the Optimax UV

outdoor, commercial or industrial environments. Before using the Optimax UV, pick up objects like clothing, loose papers, pull cords for blinds or curtains, power cords and any fragile objects. The Optimax UV is not a toy. Do not sit or stand on the Optimax UV. Small children and pets should be supervised when the Optimax UV is operating.

 Store and operate the Optimax UV in room temperature environments only. • Do not use the Optimax UV to pick up anything that is burning or smoking. • Do not use the Optimax UV to pick up spills, bleach, paint, chemicals or anything wet.

 If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation. Do not place anything on top of the Optimax UV. • Be aware that the Optimax UV moves on its own. Be careful when walking in the area that the Optimax UV is operating in to avoid stepping on it.

outlets in the floor. Avoid direct skin or eye exposure to the UV light.

Do not operate the Optimax UV in areas with exposed electrical

# 2.2 Battery Care and Charging

Charge using a standard outlet only. This product may not be used with

event of severe electrical storms.

immediately void the warranty. Do not use a Charging Dock with a damaged cord or plug. If the cord or plug is damaged, it must be serviced by the manufacturer or a qualified service provider. Charge indoors only.

The Charging Dock may be protected with a surge protector in the

any type of power converter. The use of a power converter will

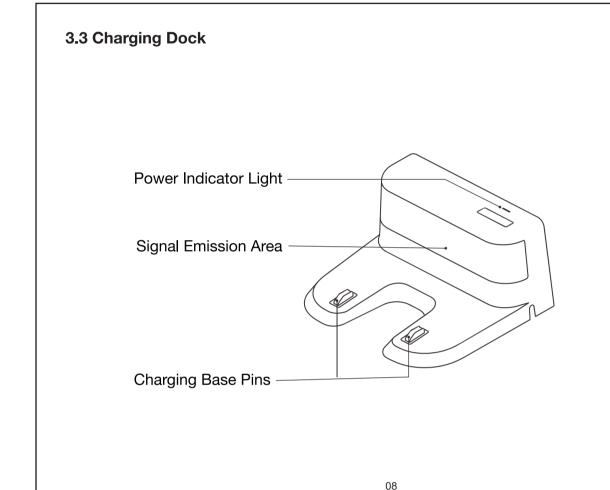
 Never handle or touch the Charging Dock or cables with wet hands. Always remove the Optimax UV from the Charging Dock before cleaning or maintaining it. The Optimax UV contains Li-Ion rechargeable batteries, be

 Do not wet the battery compartment. If the batteries are leaking, stop the Optimax UV use immediately and contact customer service.

sure to never open, pierce or damage the batteries.

Power/Home — —— Optical Flow Senso Battery Cover ——UV Light ——Driving Wheel

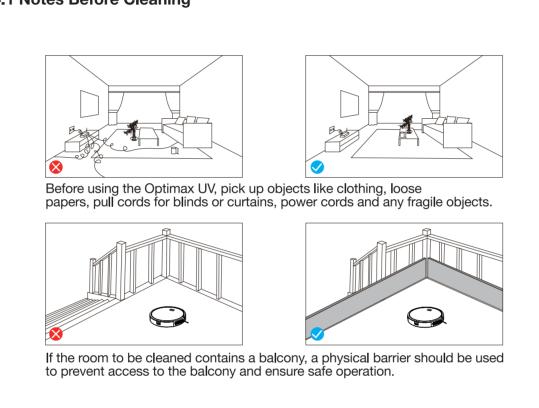
# Charging Base Power Adapter HEPA Filter + Sponge Filter 3ft. Virtual Wall Tape Remote Control Cleaning Brush



# Auto Cleaning Start/Pause (Auto) Go Back to Docking Station Go Forward Turn Left — Turn Right ----- Find Robot Suction Power \_\_\_\_\_ (%) ((uvc)) UVC Edge Cleaning ———— Spot Cleaning

3.4 Remote Control

# 4.1 Notes Before Cleaning

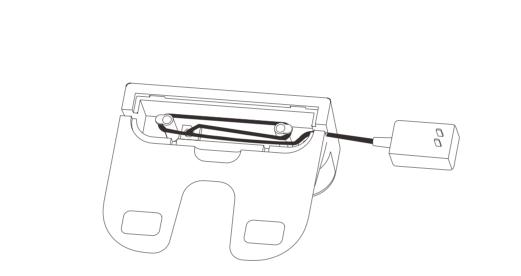


# 4.2 Using the Optimax UV

**1.** Plug in the Charging Dock and place the remaining wire inside the bottom of the Charging Dock.

may cause the Optimax UV to pull on the wire while charging or cleaning.

Note: Failure to place the remaining wire inside the Charging Dock,



### 4.2 Using the Optimax UV (Cont.) 2. Place the Charging Dock indoors, on a hard leveled

1.1 Product Overview & Functions

UV lamp: Sanitize with UV-C light as you clean

Wireless remote control/Tzumi Smart Home APP

Compatible with Amazon Alexa and Google Assistant

Automatic pressure/suction increase on thicker carpets

Powerful li-ion battery, operating times can reach up to 90 minutes

Large dust bin capacity: 600mL

Climbing Ability: Max 20mm

depending on power settings

• 160mm wide roller brush

Noise level <65dB</li>

Multi-cleaning methods

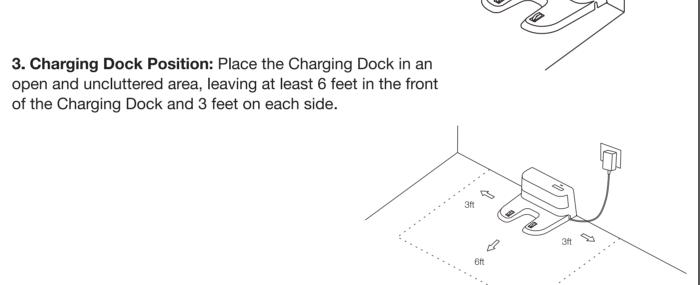
3 level suction

Anti-falling/dropping/collision

16000rpm brushless motor

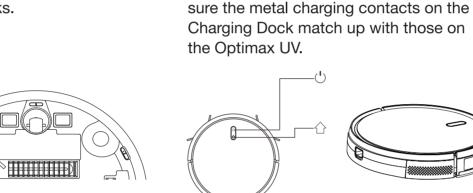
surface and against a wall.

3. Charging Dock Position: Place the Charging Dock in an open and uncluttered area, leaving at least 6 feet in the front



## 4.2 Using the Optimax UV (Cont.)

**4. Install the Side Brush:** Attach the **5. Turning ON the Optimax UV:** Press and Side Brush to the bottom of the Optimax UV by pressing the brush into its slot until it clicks.



• Press and hold the Power button for 5 seconds - the Optimax UV will turn OFF.

hold the Power button for 3 seconds or place the

Optimax UV on the Charging Dock, making

You can control the UV light via the remote or the app. Also, it may be prudent to go an area twice for the overall best UV sanitation. • Press the UV light button on the remote to turn the UV light ON/OFF, the Optimax UV will let you know the UV light is on and the lights on top will flash.

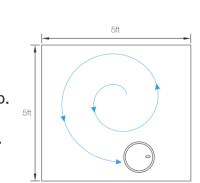
## 4.3 Cleaning Modes

1. Auto Cleaning The Optimax UV will work in a smart zig-zag systematic cleaning

path for a seamlessly and a thoroughly clean. • At various times throughout the cleaning cycle, the Optimax UV will touch up around the edges of the room, as well as chair legs and other furniture to help with the navigation. The Optimax UV will continue this process until it cleaned the entire area. If the battery gets low before finishing the cleaning cycle, the Optimax UV will return to the Charging

Dock to recharge.

When selecting spot cleaning, the Optimax UV will emphasize on an area of approximately 5ft. for maximum cleaning. • Put the Optimax UV on a localized area that you wish to clean and press the spot cleaning button on the remote or the App. The Optimax UV will work its way in a spiral mode of about 5ft. in diameter and will then spiral back to the original spot. The Optimax UV will boost the suction power to the maximum power for this mode.



# 4.3 Cleaning Modes (Cont.) After the Optimax UV finishes cleaning the open areas, it uses Edge Clean

control, or choose the Edge Cleaning mode on the Tzumi Smart Home App. 4. Manual Cleaning You can manually control the Optimax UV to clean a particular area by using

the directional buttons on the remote control or the Tzumi Smart Home App.

to ensure that it has cleaned along the walls and around furniture legs. If

you prefer just an Edge Cleaning, press the 🚳 button on the remote

for such a room to get a complete and thorough cleaning.

5. Random Cleaning Mode **Note:** This mode is only accessible via the Tzumi Smart Home App. The random mode will work its way around the room in a random cleaning pattern until the room is completely clean. Occasionally, on high carpets, the gyroscope will lose its way and the Optimax UV may go over the same spot multiple times, use the random mode

Virtual Wall With the Optimax UV you can create virtual walls to keep your vacuum away from certain areas or to make sure it does not leave the room. Simply roll out the Virtual Wall tape on the surface you do not want the Optimax UV to cross such as a room threshold or furniture.



3. Products & Contents

3.1 Optimax UV Diagram

4.4 Controlling the Optimax UV with the Tzumi Smart Home App (Cont.)

Use the App to control the Optimax UV: To enjoy all the Optimax UV features, it is recommended to control your Optimax UV

Before you start, make sure that: Your smartphone or tablet is connected to a Wi-Fi Network. Your smartphone or tablet is running iOS 8.0 (or above) or Android 4.4 (or above).

 The 2.4GHz band wireless signal is enabled on your wireless router. • The Optimax UV is on the Charging Base to ensure it has enough power for setup.

. Setting Up the Tzumi Smart Home App Download the Tzumi Smart Home App from the Apple App Store (iOS devices) or Google Play (Android devices).

Open the App and create a user account.

Tap the "+" icon in the top right corner to add the Optimax UV to your account.

2. How to Connect the Optimax UV:

 Press Power and Home buttons for 3 seconds until you hear an alert 'Wi-Fi lost, please follow app for connection', the Optimax UV Wi-Fi will reset, wait for the vacuum to finish resetting and for the light to quickly flash blue. Now you can follow the instructions in the Tzumi Smart Home App to set up the Optimax UV on the app.

# 4.4 Controlling the Optimax UV with the Tzumi Smart Home App (Cont.)

 You are now ready to control the Optimax UV with simple voice commands Follow the instructions in the app to set up the Wi-Fi connection. After connecting successfully, you can control the Optimax UV via the App. • In the App, you can select a cleaning mode, schedule a cleaning, view the system status, receive notifications, share the Optimax UV and access additional features. You can also control the Optimax UV with your voice using Amazon Alexa or Google Assistant.

You can control the Optimax UV with your voice using the Google Assistant or Amazon Alexa. Amazon Alexa and Google Assistant can only be used in English at this time.

4.5 Using the Optimax UV with Amazon Alexa or Google Assistant

• Make sure the Optimax UV is on the Charging Dock to ensure there is enough power • The Optimax UV is active in the Tzumi Smart Home App • The Google Home app or Amazon Alexa is installed on your smart device and you have an active account

Say "OK Google, talk to Tzumi Smart" the Google Assistant will initiate the Google

• A device with the Google assistant (i.e. Google Home, Google Home Mini) or an Alexa enabled device(i.e. Amazon Echo, Echo Dot, Echo Show) Control the Optimax UV with the Google Assistant

Open the Google Home app

Action for the Optimax UV

Try these commands (Replace 'Optimax UV' with the name of your Optimax UV): • "OK Google, set Optimax UV to auto mode" - the Optimax UV will start an automatic

• "OK Google, set Optimax UV to edge mode" - the Optimax UV will start an edge **Control the Optimax UV with Amazon Alexa** 

• Follow the instructions on the Google Home app to link the Tzumi Smart Action

 Use your Tzumi Smart Home App credentials to log in to give Alexa access to control the You are now ready to control the Optimax UV with simple voice commands.

• Once you are on the 'Skills' page, search for 'Tzumi Smart' and tap 'Enable'.

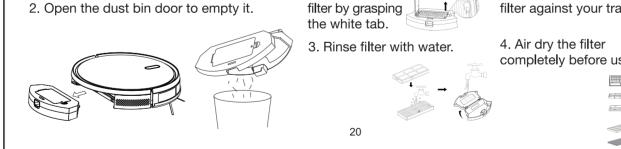
Open the Amazon Alexa app on your smart device and select 'Skills' from the options menu.

Try these commands (Replace 'Optimax UV' with the name of your Optimax UV): • "Alexa, tell Optimax UV to start cleaning" - the Optimax UV will start an automatic cleaning cycle. • "Alexa, tell Optimax UV to go recharge" - the Optimax UV will go back to the Docking Station. Please Note: Due to software changes, some of the instructions or commands may change and no longer work. To see an up to date list, go to the Tzumi Smart App, tap on 'Me' and tap on 'More Services'. You can check instructions and a full list of available commands.

# 5. Optimax UV Care

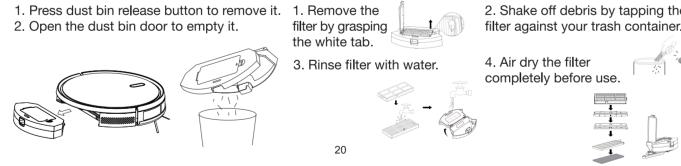
To keep the Optimax UV running well, perform the following care procedures. If you

Optimax UV Part	Care Frequency	Replaceme
Sponge Filter and HEPA Filter	Once a week (twice a week in homes with pets)	Every two mo
Main Brush	Every 2 months (every month in home with pets) or whenever there is hair tangled	Every 6 month
Dust Bin	Empty after each use	
Side Brush	Every month	Every 3 month
Driving Wheels Anti-Drop Sensors	Once a month	



notice the Optimax UV picks up less debris from the floor, empty the dust bin, clean the filter and the main brush.

## 5.1 Emptying the Optimax UV 5.2 Cleaning the Optimax UV Filter



### 5.3 Cleaning the Optimax UV Side Brush 1. Pull up gently to remove the brush.

5.4 Cleaning the Optimax UV Anti-Drop Sensors and Charging Contacts 1. Wipe the Optimax UV's Anti-Drop sensors

> and charging contacts with a clean, dry cloth. 5.5 Cleaning the Optimax UV Floor Optical Sensor 1. Use a clean dry microfiber or soft cotton cloth to wipe any debris that has accumulated in the round sensor opening on the right side of the bottom surface. Do not spray cleaning solution directly into the sensor opening.

5.6 Cleaning the Optimax UV Main Brush 1. Pull on the release tabs to unlock the brush guard. 2. Lift the main brush to remove.

2. Clean the brush and brush stand then reinstall the brush.

3. Clean the main brush with the provided cleaning tool or a vacuum cleaner. 4. Reinstall the main brush by inserting the fixed protruding end first and then 5. Press down to snap the main brush cover into place.

The Optimax UV will let you know if something is wrong with a distress sound followed by a message. The indicator light will also blink or show solid red. Please refer to the following chart to troubleshoot and resolve the Optimax UV problem. If the problem is not resolved, please contact our customer service department for further assistance.

Rebooting Instructions For some errors, rebooting the Optimax UV may resolve the problem. To reboot the Optimax UV, turn the unit OFF by pressing the Power button for 5 seconds until you hear 'Power OFF', wait 10 seconds and then press the Power button for 5 seconds to turn the Optimax UV back ON.

If you have any questions or need any technical support reach out to our customer service department at support@tzumi.com or call 1-855-GO-TZUMI

### 6.1 Troubleshooting Table

Problem	Solution	
The Optimax UV will not start	• In case of a low battery, place the Optimax UV on the charging base and align it to the electrodic plate, the machine will restart automatically (if the Optimax UV is completely powered off, it will start automatically after is charged for a while).  If the inside/outside temperature is lower than 0°C or higher than 50°C, there may be functionality issues. The Optimax UV is designed to work best in temperatures between 0-40°C.	
Move the Optimax UV away from the base, check whether the indicator light of the charging base lights up and confirm both ends of the power adapter are snugly connected.      Please clear the charging base of any debris. Also, be sure the charging contact on the Optimax UV is clear and/or make sure the side brush is not blocking anything.		
The Optimax UV cannot find the dock		
The Optimax UV is acting strangely	Shut down the Optimax UV and restart it.	
The Optimax UV is making strange noises	Main brush, side brush or wheel(s) may be caught up by foreign object, please shut down the Optimax UV and remove any foreign object.	
The Optimax UV is not cleaning properly or dust is falling out of it	The dust box is full, please clean it out. The filter is blocked, please clear or replace it. The main brush is being obstructed by something, please clean it.	
Wi-Fi cannot connect	Wi-Fi signal is bad/weak, please ensure the area is covered by a Wi-Fi signal. Wi-Fi is connected abnormally, please reset Wi-Fi, download the latest App and try to reconnect it. Password was input incorrectly. The router is operating on 5G frequency band, the cleaning Optimax UV only works on 2.4G frequency band.	
Fixed-time/schedule	Fixed time/scheduled cleaning can only be started when the battery level is at least 30%.	

ror wessages	
Voice Prompt:	Solution:
I cannot find the dust collector	The dustbin is removed or not correctly inserted, insert the dustbin and make sure is correctly inserted.
Please place me in a new location and try again	Pick the Optimax UV up and put down somewhere else.
Please clean the cliff/fall sensor, and restart me from a new location	The cliff/fall sensor is covered by something (or is being held off the ground) – clean it or put the Optimax UV on the floor.
Please clean the front sensor, and restart me from a new location	The infrared avoidance sensor is dirty or covered, clean it off.
Please clean the right-hand sensor, and restart me from a new location	The wall sensor is dirty or covered - clean it.
Please check if the bumper has been blocked in some way	The edge or collision sensor is stuck on something – remove whatever is obstructing it.
I'm stuck, please help me!	The Optimax UV is stuck on somethinghelp it or it may revolt!
Please place me correctly!	The Optimax UV is tilted and/or askew in some way – straighten it out.
Please check if my wheels are blocked	The driving wheel is stuck or caught on something, remove it.
Please check if the main brush is stuck	The main brush is caught up or stuck remove whatever is causing that.
Please check if the side brushes are stuck	The side brush is caught up or stuck remove whatever is causing that.
What's going on? Where is the docking station?	The Optimax UV cannot find the charging base or it is not plugged in.
Oh dear! Program error, please restart me	The Optimax UV is having an issue with something unknown – restart/reboot it.
Error encountered initiating shutdown	The Optimax UV tells the user it is having an issue then shuts down automatically, restart.
Low battery, please recharge	If a cleaning is requested when the battery level is too low and

### the Optimax UV is not on the charging base it will not clean. Let it charge for a while. \* Please note: Due to upgrades and changes to the Optimax UV, some of the prompts may change or be different

### 6.2 Voice Prompt Error Messages

Tot Wessages	
Voice Prompt:	Solution:
I cannot find the dust collector	The dustbin is removed or not correctly inserted, insert the dustbin and make sure is correctly inserted.
Please place me in a new location and try again	Pick the Optimax UV up and put down somewhere else.
Please clean the cliff/fall sensor, and restart me from a new location	The cliff/fall sensor is covered by something (or is being held off the ground) – clean it or put the Optimax UV on the floor.
Please clean the front sensor, and restart me from a new location	The infrared avoidance sensor is dirty or covered, clean it off.
Please clean the right-hand sensor, and restart me from a new location	The wall sensor is dirty or covered - clean it.
Please check if the bumper has been blocked in some way	The edge or collision sensor is stuck on something – remove whatever is obstructing it.
I'm stuck, please help me!	The Optimax UV is stuck on somethinghelp it or it may revolt!
Please place me correctly!	The Optimax UV is tilted and/or askew in some way – straighten it out.
Please check if my wheels are blocked	The driving wheel is stuck or caught on something, remove it.
Please check if the main brush is stuck	The main brush is caught up or stuck remove whatever is causing that.
Please check if the side brushes are stuck	The side brush is caught up or stuck remove whatever is causing that.
What's going on? Where is the docking station?	The Optimax UV cannot find the charging base or it is not plugged in.
Oh dear! Program error, please restart me	The Optimax UV is having an issue with something unknown – restart/reboot it.
Error encountered initiating shutdown	The Optimax UV tells the user it is having an issue then shuts down automatically, restart.
	If a cleaning is requested when the battery level is too low and

Vacuum Specs	UV Lamp Size	U120mm*Ø8~10mm
	UV Lamp Power	5W
	UV Lamp Average Life	8000h
	Power Input	19V/0.6A
	Working Power	30W
	Battery	Li-ion 2600mAh 14.4V
	Working Time	80-120min
	Dustbin Capacity	600mL
	Noise	<65dB
	Vacuum Size	13.78" x 13.78" x 3.15" (350 x 350 x 80mm)
	Suction Power	2200Pa
Dock Specs		

	Suction Power	2200Pa
pecs		
	Input	19V <del>===</del> 0.6A
	Output	19V <del></del> 0.6A

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause

4.4 Controlling the Optimax UV with the Tzumi Smart Home App

undesired operation. 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver. • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

# FCC Statement (Cont.)

3.2 Accessories

This device contains license-exempt transmitter(s)/receiver(s) that comply with

Consult the dealer or an experienced radio/TV technician for help.

Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause

undesired operation of the device. Radiation Exposure Statement This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with

minimum distance 20cm between the radiator & your body. tzumi® IonVac Optimax UV RoboVac Distributed by tzumi inc. NY, NY, 10016. ©Copyright 2021 tzumi. All Rights Reserved. Made In China. All pictures shown are

due to product enhancement. Other trademarks and trade

for illustration purpose only. Actual product may vary

names on this package are those of their respective owners.