



## GAMING MOUSE (RZ01-0439)

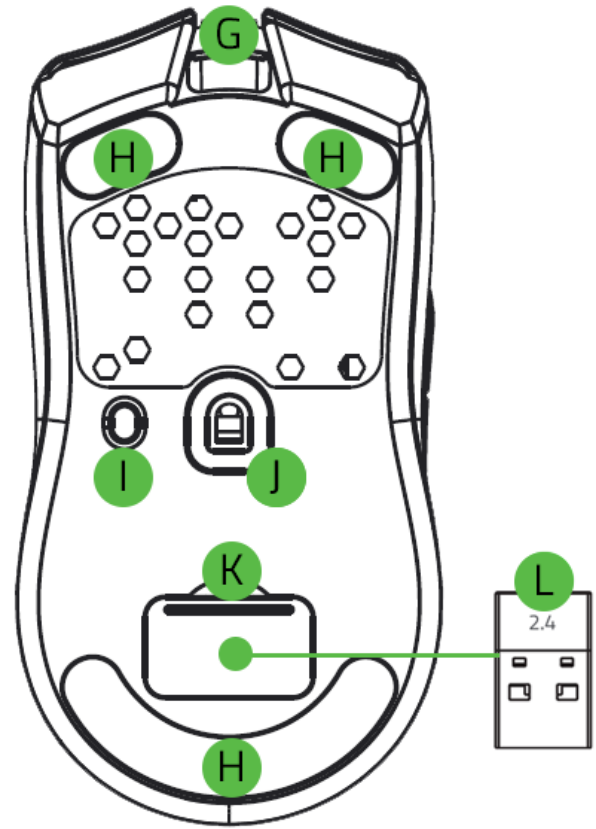
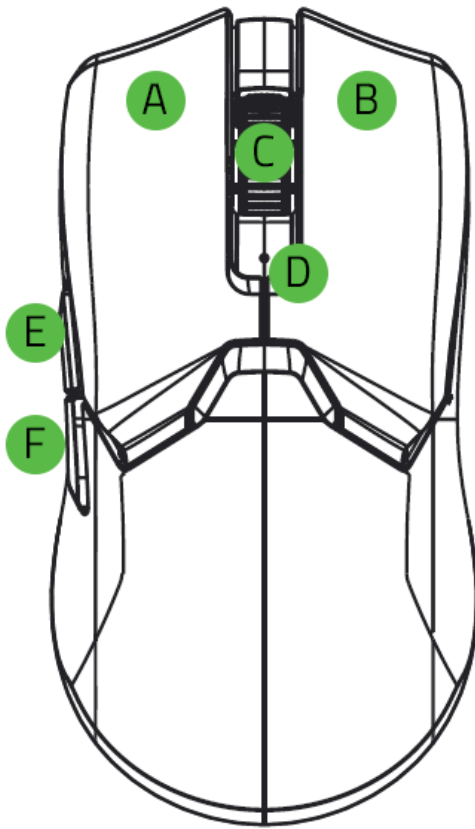
IMPORTANT PRODUCT INFORMATION GUIDE

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## WHAT'S INSIDE / WHAT'S NEEDED

### WHAT'S INSIDE

- Gaming Mouse (RZ01-0439)



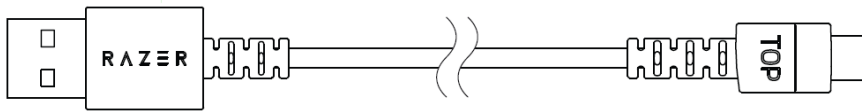
- A. Left mouse button
- B. Right mouse button
- C. Scroll wheel
- D. Status indicator
- E. Mouse button 5
- F. Mouse button 4
- G. Type-C port

- H. Ultraslick mouse feet
- I. Power / DPI cycle button
- J. Razer™ Focus+ 30K DPI Optical Sensor
- K. Wireless USB dongle compartment
- L. Razer™ HyperSpeed 2.4 GHz wireless dongle



*The DPI stages are as follows: 400, 800, 1600 (default), 3200 and 6400. The DPI stages can be customized using Razer Synapse.*

- Razer™ Speedflex charging cable



- USB dongle adapter



- Important Product Information Guide

## WHAT'S NEEDED

### PRODUCT REQUIREMENTS

- USB-A port

### RAZER SYNAPSE REQUIREMENTS

- Windows® 10 64-bit (or higher)
- Internet connection for software installation

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## LET'S GET YOU COVERED

You've got a great device in your hands, complete with a 2-year limited warranty coverage. Now maximize its potential and score exclusive Razer benefits by registering at [razerid.razer.com](https://razerid.razer.com)

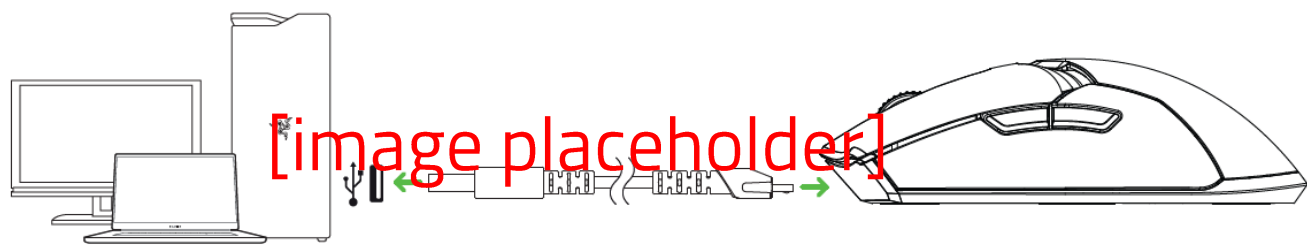
*Your product's serial  
number can be found  
here.*

Got a question? Ask the Razer Support Team at [support.razer.com](https://support.razer.com)

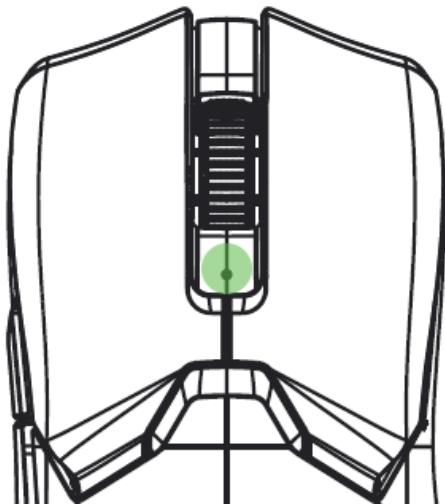
# GETTING STARTED

## CHARGING YOUR MOUSE

Plug the charging cable from any of your PC's USB ports to the Gaming Mouse. For best results, please fully charge the mouse before using it for the first time. A depleted battery will be fully charged in approximately 4 hours.



While charging, the status indicator will show the battery percentage of the mouse:

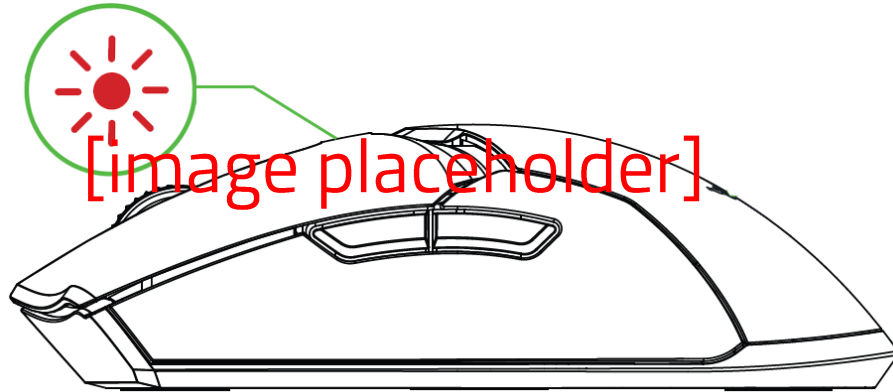


Status indicator	Effect	Battery percentage
Red	Breathing	<25%
Orange		26%-50%
Yellow		51%-75%
Green		76%-99%
Green	Static	100%

**i** The Gaming Mouse requires a USB connection that can supply sufficient power to charge the device. The charging process may be affected when connecting to a non-powered USB hub or non-powered USB port mostly found on keyboards and peripherals. It's recommended to always connect the mouse directly to any of the USB ports of your PC.

## LOW POWER INDICATOR

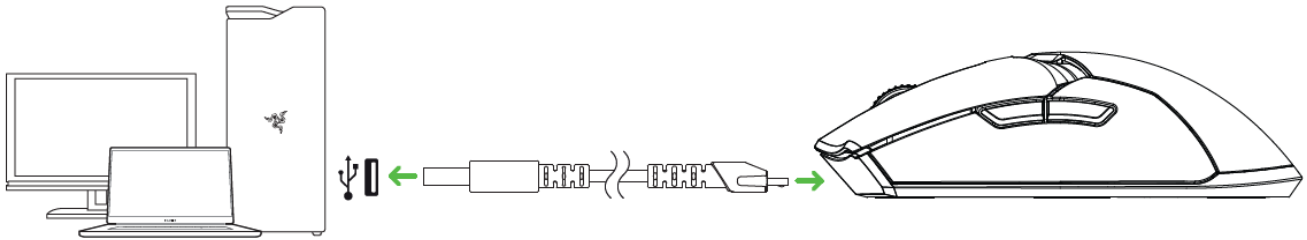
The status indicator will blink red twice in repeated intervals to indicate that its battery's power is less than 5%. This lighting sequence will repeat until the battery is drained or the mouse is connected to a PC via the charging cable.



## CONNECTING YOUR MOUSE

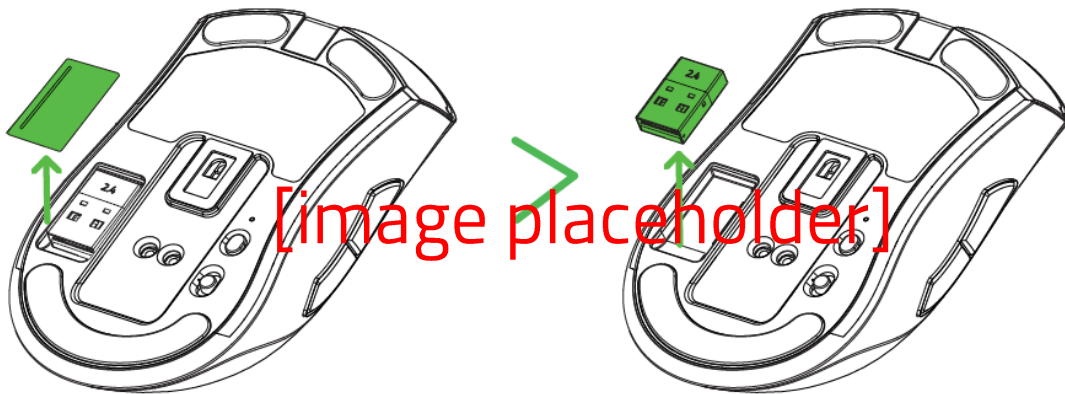
### A. VIA WIRED MODE

Connect the mouse to any of your PC's USB ports using the charging cable to use it in wired mode.

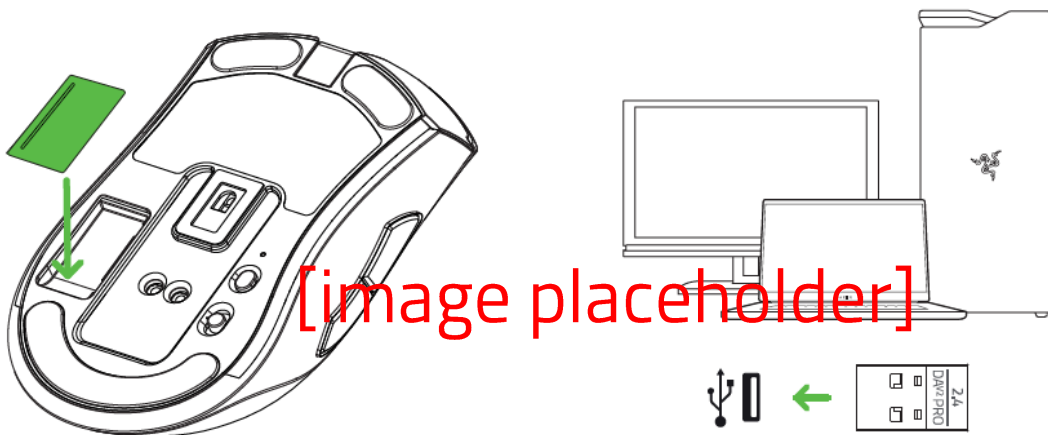


### B. VIA RAZER™ HYPERSPEED WIRELESS (2.4 GHZ) MODE

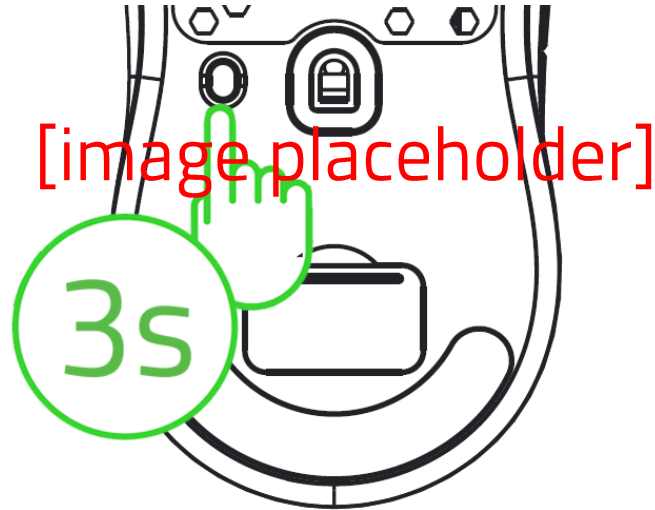
1. Remove the compartment cover from the mouse to remove the wireless USB dongle.



2. Reattach the compartment cover and insert the wireless USB dongle into the USB port of your PC.



3. Press and hold the Power / DPI cycle button for 3 seconds to power on the mouse.

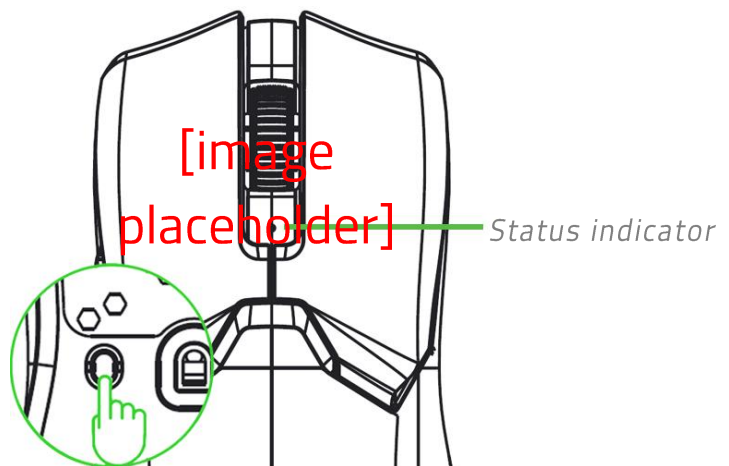


Your Gaming Mouse is now ready for use in wireless mode.

## PERSONALIZING YOUR MOUSE WITH RAZER SYNAPSE

Change the mouse's DPI to match your playstyle with a press of the Power / DPI cycle button or fine-tune your own sensitivity setting using the Razer Synapse app. The status indicator will briefly change its color to show which DPI stage is currently active.

DPI	Designated color
400	Red
800	Green
1600	Blue
3200	Cyan
6400	Yellow



! Install Razer Synapse when prompted or download the installer from [razer.com/synapse](https://razer.com/synapse)



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## SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

In order to achieve maximum safety while using your Gaming Mouse, we suggest that you adopt the following guidelines:

Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to [support.razer.com](https://support.razer.com) for support.

Do not take apart the device and do not attempt to operate it under abnormal current loads. Doing so will void your warranty.

Recharge the mouse before use if the Gaming Mouse has not been used for an extended period.

Keep the device away from liquid, humidity or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and/or switch off the device in order to let the temperature stabilize to an optimal level.

### COMFORT

Research has shown that long periods of repetitive motion, improper positioning of your computer peripherals, incorrect body position, and poor habits may be associated with physical discomfort and injury to nerves, tendons, and muscles. Below are some guidelines to avoid injury and ensure optimum comfort while using your Razer Viper Ava T1 Refresh.

- Position your keyboard and monitor directly in front of you with your mouse next to it. Place your elbows next to your side, not too far away and your keyboard within easy reach.
- Adjust the height of your chair and table so that the keyboard and mouse are at or below elbow-height.
- Keep your feet well supported, posture straight and your shoulders relaxed.
- During gameplay, relax your wrist and keep it straight. If you do the same tasks with your hands repeatedly, try not to bend, extend or twist your hands for long periods.
- Do not rest your wrists on hard surfaces for long periods. Use a wrist rest to support your wrist while gaming.
- Do not sit in the same position all day. Get up, step away from your desk and do exercises to stretch your arms, shoulders, neck and legs.

If you should experience any physical discomfort while using your mouse, such as pain, numbness, or tingling in your hands, wrists, elbows, shoulders, neck or back, please consult a qualified medical doctor immediately.

## MAINTENANCE AND USE

The Gaming Mouse requires minimum maintenance to keep it in optimum condition. Once a month we recommend you clean the device using a soft cloth or cotton swab to prevent dirt buildup. Do not use soap or harsh cleaning agents.

To get the ultimate experience in movement and control, we highly recommend a premium mouse mat from Razer. Some surfaces will cause undue wear on the feet requiring constant care and eventual replacement.

Do note that the sensor of the Gaming Mouse is 'tuned' or optimized especially for the Razer mouse mats. This means that the sensor has been tested extensively to confirm that the Gaming Mouse reads and tracks best on Razer mouse mats.

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## LEGALESE

### COPYRIGHT AND INTELLECTUAL PROPERTY INFORMATION

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Razer Inc. ("Razer") may have copyright, trademarks, trade secrets, patents, patent applications, or other intellectual property rights (whether registered or unregistered) concerning the product in this guide. Furnishing of this guide does not give you a license to any such copyright, trademark, patent or other intellectual property right. The Razer Viper Ava T1 Refresh (the "Product") may differ from pictures whether on packaging or otherwise. Razer assumes no responsibility for such differences or for any errors that may appear. Information contained herein is subject to change without notice.

### LIMITED PRODUCT WARRANTY

For the latest and current terms of the Limited Product Warranty, please visit [razer.com/warranty](https://www.razer.com/warranty).

### LIMITATION OF LIABILITY

Razer shall in no event be liable for any lost profits, loss of information or data, special, incidental, indirect, punitive or consequential or incidental damages, arising in any way out of distribution of, sale of, resale of, use of, or inability to use the Product. In no event shall Razer's liability exceed the retail purchase price of the Product.

### GENERAL

These terms shall be governed by and construed under the laws of the jurisdiction in which the Product was purchased. If any term herein is held to be invalid or unenforceable, then such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Razer reserves the right to amend any term at any time without notice.

## FCC DECLARATION OF CONFORMANCE

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 the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

For more information, refer to the online help system on [razer.com](http://razer.com).

## FCC CAUTION STATEMENT

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, and
2. This device must accept any interference received, including interference that may cause undesired operation.

## FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not co-located or operating in conjunction with any other antenna or transmitter.

## NOTICE FOR CANADA

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Caution! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### CANADIAN CLASS B STATEMENT:

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 0mm between the radiator and your body. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet émetteur ne doit pas être Co-place ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 0mm entre le radiateur et votre corps.

### RADIATION EXPOSURE STATEMENT:

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

### DÉCLARATION D'EXPOSITION AUX RADIATIONS:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les États-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un

fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

#### CANADA SAR

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 0mm between the radiator and your body.

Cet émetteur ne doit pas être Co-place ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 0mm entre le radiateur et votre corps.



#### ENGLISH

STATEMENT OF COMPLIANCE WITH EU DIRECTIVE Hereby,

Razer (Europe) GmbH, declares that this Gaming mouse: RZ01-0439 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU & 2015/863/EU.

Gaming Mouse:

Radio Frequency: 2.4GHz SRD

Operating Frequency: 2402-2480MHz

Max Output power: ≤9dBm

SW version: 1.0



## WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT INFORMATION

### ENGLISH

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)(Applicable in the European Union and other European countries with separate collection systems)This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.