

# User Manual



## ZONO™ Compact Four Bin Cabinet – C4B



For your safety, follow ALL instructions in this User Manual to minimize the risk of fire, electric shock, exposure to ozone gas, property damage, personal injury, or loss of life. Failure to follow the instructions in this user manual will void the ZONO™ Cabinet warranty.

# Contents

1.	Welcome.....	3
2.	Glossary.....	4
3.	Ozone Safety Information.....	6
	Ozone exposure limits and guidance.....	6
	Ozone sensors.....	6
	Color and odor.....	6
	Effects of short-term, low exposure.....	6
5.	Installation and Leveling.....	7
	Installation Location.....	7
	Level the ZONO™ Cabinet.....	8
6.	Familiarize Yourself With the ZONO™ Cabinet.....	9
	Power Switch.....	9
	Display.....	9
	Door Open Notification.....	9
	Exterior Emergency Stop Button.....	10
	Green Button/Location.....	10
7.	Initial Startup.....	11
	General safety guidelines.....	14
	Choose items for the SANITIZING Cycle.....	15
	Load items into the ZONO™ Cabinet.....	17
8.	Run a Cycle and Lock the Door.....	18
9.	Additional Display Messages.....	22
10.	Troubleshooting Messages That Require User to Call ZONOsanitech™.....	28
11.	Emergency Procedures.....	33
	Suspected or Confirmed Ozone Exposure.....	34
	First Aid Measures.....	34
12.	General Care Instructions.....	35
	Cleaning.....	35
	Weekly Care Tasks.....	35
	Moving the ZONO™ Cabinet.....	36

Ozone sensor maintenance .....	36
13. Statistics (Number of Cycles Run).....	37
Service Guidance.....	38
14. Safety Data Sheet (formerly MSDS).....	39
Human Hazards and Precautionary Statements – See Section 2 .....	39
Physical or Chemical Hazards and Precautionary Statements – See Section 2 .....	39
Environmental Hazards and Precautionary Statements – See Section 2 .....	39
15. End User Limited Warranty Certification .....	45
16. EPA Label .....	46

## 1. **Welcome**

Thank you for purchasing the ZONO™ Disinfecting+ and Sanitizing\* System (Sanitizer).

Our ozone sanitizing technology is thoroughly tested and proven effective and safe when properly used. The ZONO™ Cabinet saves countless hours of manual work to sanitize toys, equipment, protective gear, clothing, and other items. The ZONO™ Cabinet kills 99.9% of common viruses+ and bacteria\*.

This User Manual applies to the:

### **ZONO™ Compact Four Bin Cabinet – C4B**



Always keep the door to the ZONO™ Cabinet locked when not loading or unloading.

+Disinfecting level (kills 99.9%): Norovirus, Influenza-A, and Respiratory Syncytial Virus on non-porous surfaces.

\*Sanitizing level (kills 99.9%): Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus, Escherichia Coli, Streptococcus Pyogenes, Shigella dysenteriae, Salmonella Enteritidis, and Pseudomonas Aeruginosa on non-porous, semi-porous and porous surfaces.

*For additional information, visit*

[www.zonotechnologies.com/customer-portal-2/](http://www.zonotechnologies.com/customer-portal-2/)

*Password: ZonoTech2020!*

## 2. Glossary

<p><b>Access Code</b></p>	<p>A sequence of numbers that must be entered on the <b>Display</b> before you can lock or unlock the ZONO door or start a cycle</p> <p>Your <b>Access Code</b> is <b>1364</b>.</p>
<p><b>Display</b></p>	<p>The touch-screen shows the current status of the ZONO™ Cabinet. It is used to enter the <b>Access Code</b> and to select a SANITIZING cycle and to lock and unlock the door to the ZONO™ Cabinet.</p> <p>The color of the <b>Display</b> indicates the status of the <b>Magnetic Door Lock</b>:</p> <ul style="list-style-type: none"> <li>• <b>GREEN</b> when the door is locked.</li> <li>• <b>RED</b> when the door is unlocked.</li> </ul>
<p><b>Door Gasket</b></p>	<p>Seal around the door that ensures ozone is contained within the ZONO™ Cabinet</p>
<p><b>Exterior Emergency Stop Button</b></p>	<p>Located outside the Zono™ Cabinet on the front panel.</p> <p>Pressing the <b>Exterior Emergency Stop Button</b> immediately:</p> <ul style="list-style-type: none"> <li>• Stops the ZONO™ Cabinet from operating.</li> <li>• Stops the generation of ozone.</li> <li>• Begins to destroy existing ozone.</li> <li>• Allows the door to be opened.</li> <li>• Does <b>NOT</b> turn the ZONO™ Cabinet off.</li> </ul> <p>See page 10 for details.</p>
<p><b>Green Button</b></p>	<p>Located inside the ZONO™ Cabinet next to the magnetic lock.</p> <p>Must be pressed to start a SANITIZING cycle or to lock the door to the ZONO™ Cabinet</p>
<p><b>Keypad F1 – F5</b></p>	<p>Located below the <b>Display</b>. Pressing the F1 key on <b>Keypad F1-F5</b> and then entering the <b>Statistics Password</b> on the <b>Display</b> allows you to determine the number of SANITIZING cycles that have been run.</p> <p>See page 38 for information on statistics.</p>
<p><b>Magnetic Door Lock</b></p>	<p>Prevents the door from being opened during a SANITIZE cycle when the levels of ozone are high inside the ZONO™ Cabinet.</p> <p>Only operational when the ZONO™ Cabinet has electrical power and <b>Power Switch</b> is "ON"</p>
<p><b>Ozone Sensors</b></p>	<p>Continuously monitor ozone levels INSIDE and OUTSIDE of the ZONO™ Cabinet during the SANITIZING cycle when <b>Power Switch</b> is "on"</p>

<p><b>Plug and Receptacle</b></p>	<p>The SC1, SC2 must be securely plugged into a grounded 120V NEMA 5-15R outlet with a minimum 15 amps capacity.</p> <table border="1" data-bbox="552 283 1485 472"> <thead> <tr> <th>Model</th> <th>Voltage</th> <th>Plug</th> <th>Receptacle</th> </tr> </thead> <tbody> <tr> <td>ZONO™ – C4B</td> <td>120V</td> <td>NEMA 5-15P</td> <td>NEMA 5-15R Ordinary Household Outlet</td> </tr> </tbody> </table>	Model	Voltage	Plug	Receptacle	ZONO™ – C4B	120V	NEMA 5-15P	NEMA 5-15R Ordinary Household Outlet
Model	Voltage	Plug	Receptacle						
ZONO™ – C4B	120V	NEMA 5-15P	NEMA 5-15R Ordinary Household Outlet						
<p><b>Power Switch</b></p>	<p>Immediately turns electrical power to the ZONO™ Cabinet “on” and “off.” Located on the front panel of the machine.</p> <p>If you turn the <b>Power Switch</b> on:</p> <ul style="list-style-type: none"> <li>• The ZONO™ Cabinet will operate, and door can be locked.</li> <li>• SANITIZING cycle can be started.</li> <li>• <b>Ozone Sensors</b> work and the ozone can be destructed.</li> </ul> <p>If you turn the <b>Power Switch</b> off:</p> <ul style="list-style-type: none"> <li>• The ZONO™ CABINET will not operate, and door will be unlocked.</li> <li>• Any destruction of ozone will be significantly slowed.</li> <li>• The <b>Ozone Sensors</b> will not work</li> </ul>								
<p><b>Statistics Password</b></p>	<p>You must enter the <b>Statistics Password</b> after pressing Key F1 on <b>Keypad F1-F5</b> to see the number of completed SANITIZING cycles. See page 38 for instructions. The <b>Statistics Password</b> is always <b>100</b> and cannot be changed.</p>								
<p><b>Water Reservoir and Humidification</b></p>	<p><b>Water Reservoir</b> should be filled with distilled water. <b>The Water Reservoir</b> is used when the ZONO™ CABINET is running a SANITIZING cycle. The <b>Water Reservoir</b> is part of the <b>Humidification</b> process needed to sanitize properly.</p>								

### 3. Ozone Safety Information

The ZONO™ Cabinet provides the benefits of ozone gas sanitizing in a safe and effective environment when you follow the instructions in this User Manual.

Ozone has been used as a powerful organic sanitizer since the 1900s. In fact, most bottled water is treated using ozone, and ozonated water is used to treat fruit and vegetables. The ZONO™ Cabinet is based on modern ozone sanitizing technology used in food industries.



For your safety, follow **ALL** instructions in this User Manual to minimize the risk of fire, electric shock, exposure to ozone gas, property damage, personal injury, or loss of life.

#### Ozone exposure limits and guidance

The U.S. Occupational Safety and Health Administration (OSHA) has established an 8-hour time-weighted average (TWA) limit of 0.1 parts per million (ppm) for worker exposure to ozone. In addition to that 8-hour TWA, California-OSHA has set a short-term exposure limit (STEL) of 0.3 ppm ozone averaged over a 15 minute period. The American Conference of Governmental Industrial Hygienists (ACGIH) recommends a 2-hour TWA limit of 0.2 ppm ozone.

#### Ozone sensors– The Ozone Sensors only work when the ZONO Cabinet is Powered ON!

For the ZONO™ Cabinet to sanitize items, the ozone levels INSIDE the ZONO™ Cabinet must be significantly higher than the legal and guidance limits for worker exposure. The ZONO™ Cabinet is carefully designed to prevent human exposure to ozone. The cabinet door magnetic lock activates before the ZONO™ Cabinet generates any ozone, the seals on the ZONO™ Cabinet are designed to retain/trap the ozone produced in the cabinet, and the produced ozone is converted to oxygen before the **Magnetic Door Lock** is released.

As a precaution, the ZONO™ Cabinet's **Ozone Sensors** continuously monitor the ozone levels both INSIDE and OUTSIDE the cabinet. In the unlikely event the outside sensor is activated, the ZONO™ Cabinet will stop producing ozone and begin destructing it. While that situation needs to be investigated to ensure there is no problem with the ZONO™ Cabinet, the most likely explanation is that the sensor picked up some other chemical that it cannot distinguish from ozone.

#### Color and odor

Ozone is a colorless gas. The characteristic odor is often described as similar to the smell of electrical sparks or the fresh scent after a thunderstorm or heavy rain.

#### Effects of short-term, low exposure

Short-term low exposure to ozone can cause any of the following temporary effects: headaches, sore throats, and irritation in the eyes and nose.

#### **DO NOT INHALE OZONE GAS!**



Short-term inhalation of high ozone concentrations, and long-term inhalation of low ozone concentrations, can cause serious harmful physiological effects. **Smell Ozone?** Turn the **Power Switch** to OFF or unplug the ZONO™ Cabinet. Call ZONOsanitech™ immediately.

## 4. Installation and Leveling

The ZONO™ Cabinet should be placed in a location described in the “Installation Location” below. Please see page 7 for instructions on how to level the ZONO™ Cabinet. The ZONO™ cabinet must be installed in accordance with these instructions.



Upon delivery, fully inspect your ZONO™ Cabinet for any damage. Do **NOT** sign to receive your ZONO™ Cabinet if you have any unaddressed concerns about its condition. The shipper must be notified of any exceptions within 48 hours of delivery.

Take care when unpacking, moving, and leveling the cabinet. It contains light bulbs and electronic components that may break or be damaged if dropped, jolted, turned over, or moved incorrectly.

### Installation Location

The ZONO™ Cabinet must be installed in a location that:

- **For the ZONO™ – C4B model:** Has a grounded 120V NEMA 5-15R outlet with a minimum 15 amps capacity that can be reached without an extension cord.

Model	Voltage	Plug	Receptacle
ZONO™ – C4B	120V	NEMA 5-15P	NEMA 5-15R Ordinary Household Outlet

Ordinary  
Household Outlet



- Permits the ZONO™ Cabinet to be levelled.
- Can be evacuated for at least 15 minutes, if needed.
- Maintains the ambient temperature around the ZONO™ Cabinet at 70°F ±10°F.
- Does **NOT** hide the standard U.S. EPA label on the right side of the cabinet. If this label is not visible after installation, tear off the back page of this User Manual and temporarily tape it on your ZONO™ Cabinet where it can be clearly seen. Call 770-212-9201 Ext 3 to request a new permanent U.S. EPA label which must be affixed to the exterior of the ZONO™ Cabinet where it is visible.
- Is **NOT** used to store volatile organic compounds (VOCs) such as paints, alcohol swabs, paint thinner, etc. The external ozone sensor can be falsely triggered by VOCs.
- Provides enough power for the ZONO™ Cabinet to run on.

Model	SANITIZING Cycle Max Power
ZONO™ – C4B	75 Watts

- Does **NOT** hide the serial number of the ZONO™ Cabinet. The serial number of the cabinet is located on the upper right side of the cabinet.
- Is **NOT** in proximity to a printer or photocopier. Some printers and photocopiers generate ozone.
- Does **ALLOW** a minimum clearance distance as instructed by the correct installation diagram for the ZONO™ Cabinet.

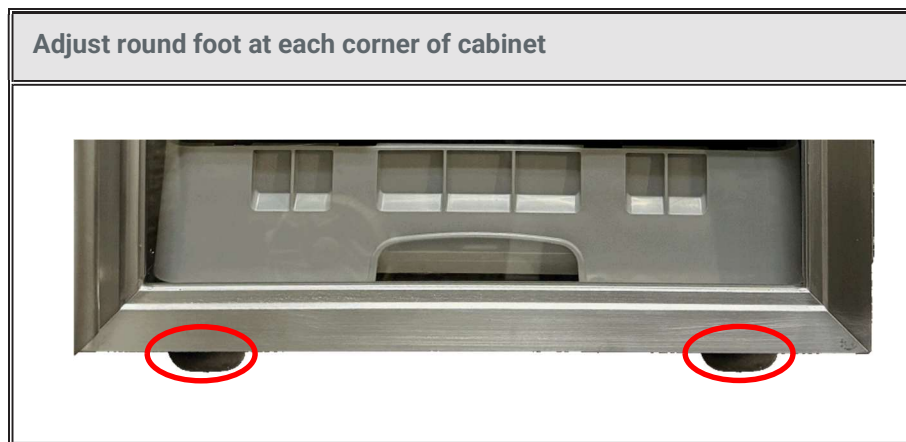


A label required by the EPA is affixed to the right side of the cabinet. If this label is not visible after installation, see the instructions above.

Do **NOT** remove any labeling on the ZONO™ Cabinet!

## Level the ZONO™ Cabinet

1. Locate the round foot under each corner of the cabinet. These feet can be raised or lowered by turning clockwise or counterclockwise.



It is preferable that the cabinet be slightly higher in front.

This angle helps seal the door when closed.



The ZONO™ Cabinet is designed to be in a stationary position and not meant to be rolled or utilized in a truck.

## 5. Familiarize Yourself With the ZONO™ Cabinet

The instructions in this User Manual will be easier to follow if you know where to find these controls:

### Power Switch

The **Power Switch** has two positions: **ON** and **OFF**.

You should leave the **Power Switch** in the **ON** position at all times, unless directed to switch to the **OFF** position by the **Display** or this User Manual.

If you switch to the **OFF** position, the sensors may need to warm up before you can run a cycle. See Section 7 (Initial Startup).



The Power Switch is located on right side of the front panel.



When the **Power Switch** is **OFF**, the **Magnetic Door Lock** does not work, the **Ozone Sensors** do not work, and the ZONO™ Cabinet cannot destroy ozone in the cabinet.

The door may be opened even if the ozone levels inside the ZONO™ Cabinet are unsafe.

### Display

The **Display** is a touch screen that shows the current status of the ZONO™ Cabinet. It allows you to enter the **Access Code** and to control the operations of the ZONO™ Cabinet. It is located at the front panel.

It also includes a **Keypad** with five keys, labeled F1 through F5. These keys are not used for operating the ZONO™ Cabinet, but for determining the number of SANITIZING cycles run as described in Statistics section.

### Color meaning

The color of the screen shows the condition of the **Magnetic Door Lock**:

- **GREEN** = Locked **RED** = Unlocked

The **Display** is located on the front of the cabinet.



### Door Open Notification

The ZONO™ Cabinet should be ALWAYS locked (unless items are being loaded or unloaded. A “beep” will sound if the door to the ZONO™ Cabinet is unlocked for 5 minutes or more. To lock the door, follow the instructions on Page 18 (Run a Cycle and Lock the Door).

## Location

### Exterior Emergency Stop Button

When the **RED** Button is pressed:

- the door unlocks.
- the ozone destructor operates.
- you will hear the fan running even if there is no ozone inside the cabinet

The door can be opened from outside of the ZONO™ Cabinet.

The **Exterior Emergency Stop Button** is located on the front panel.

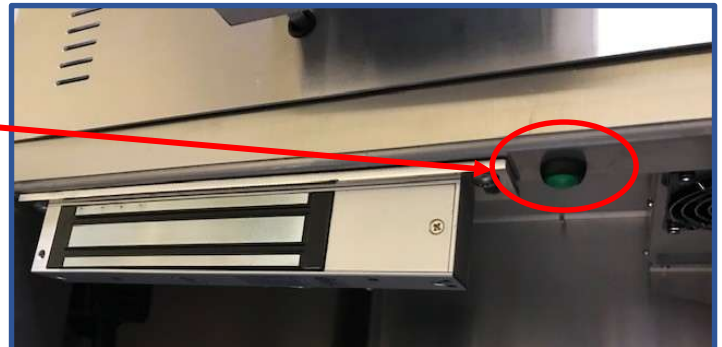


When the **Exterior Emergency Stop Button** is pressed, the door may be opened even if the ozone levels inside the ZONO™ Cabinet are unsafe.

### Green Button/Location

Pushing the **Green Button** located inside the ZONO cabinet at the front, **prepares** the ZONO™ Cabinet to start a cycle or lock the door. You must close the door and choose a cycle using the **Display** within 30 seconds of pressing the **Green Button**. If you do not make a selection within the 30 seconds you will be directed to start over.

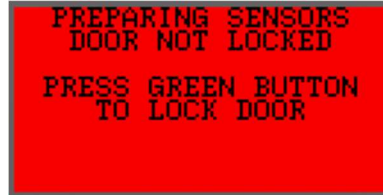
The **Green Button** is located inside the ZONO™ Cabinet next to the magnetic lock.



## 6. Initial Startup

1. Turn the **Power Switch** to the **ON** position to begin the sensor preparation, which may take up to 6 hours.
2. Is the **Display** background color **RED** and does it say:

YES – Proceed to Step 3.



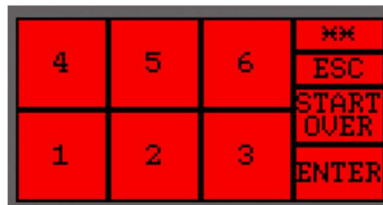
NO – Check for these possible reasons and correct any that you find.

Is the <b>Plug</b> in the correct outlet? Please refer to Section 5 Assembly, Installation and Leveling for a table with the correct plug and receptacle for your ZONO™ Cabinet model.
Is the <b>Power Switch</b> in the <b>ON</b> position?
Has the circuit breaker in the building's main electrical box been tripped?
If the <b>Display</b> is still not <b>RED</b> , call ZONOsanitech™.

3. The sensor preparation has started. It is the best practice to lock the ZONO™ Cabinet door during this preparation time. To lock the door, open the door of the ZONO™ Cabinet and push the **Green Button**.



4. Once the **Green Button** is pushed, the **Display** will still be **RED** and will be shown below. Press the numbers of your **Access Code** and then press enter.



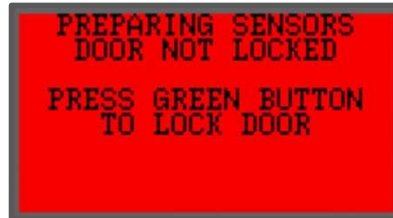
5. After the **Access Code** is entered, the **Display** will still be in **RED** and will be shown as below: Press "Lock Door."



6. When you select “Lock Door” the **Display** will turn **GREEN** to indicate the door is locked. The **Display** will say:



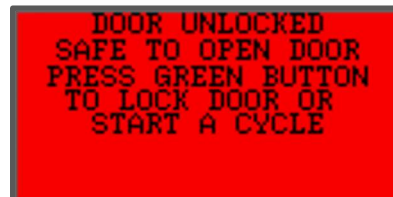
If you do not lock the door to the ZONO™ Cabinet, the **Display** will remain **RED** while the sensors are being prepared, and the **Display** will say:



7. When the door is locked and the sensors have been warmed up, the **Display** will remain **GREEN** and say:



If the door was not locked, and the sensors have been warmed up, the **Display** will be **RED** and say:



Both Displays indicate that the sensors are warmed up and you can proceed to step 8 to place the **Water Reservoir** into the ZONO™ Cabinet.



The ZONO™ Cabinet must complete the sensor preparation before starting a SANITIZING cycle.

Always keep the door of the ZONO™ Cabinet locked unless you are loading or unloading.

8. Add distilled water up to the fill line in the **Water Reservoir** located at back of cabinet.

Using distilled water ensures that there will be no mineral build up on the **Water Reservoir**. Mineral build up can cause deposits of oxidation inside the ZONO™ Cabinet.

Note: Remove any tape or packaging prior to use.

### Add Distilled Water to the Fill Line

Remove bins to access the water reservoir. Add distilled water to the fill line. If difficult to reach, you may move the water reservoir closer to the front of the cabinet, as long as the wire can reach. After filling reservoir with distilled water, return it to its holder. Avoid possible mold growth by not storing items in the ZONO™ for extended periods of time.



If the ZONO™ will not be used for more than 1 week, follow these instructions: Access the water reservoir by lifting the humidity cage up and out, placing it on a paper towel in the machine. Water reservoir can be removed from its holder, emptied, washed with soapy water and air dried. When you are ready to use the ZONO™ after the idle period, add distilled water to the fill line in the reservoir, place humidity cage in the reservoir and place back in the holder at the bottom of the cabinet.

## Use the ZONO™ Cabinet.

The following sections describe how to use the ZONO™ Cabinet to run SANITIZING cycles.



The F1 – F5 keys are not used to operate the ZONO™ Cabinet.  
They are used when running statistics on SANITIZING cycles.



Before operating the ZONO Cabinet, make sure you have read and followed the instructions in this manual, including the installation and leveling and Initial startup sections.

## General safety guidelines

See the information below and on the next page for important rules on using the ZONO™ Cabinet.

### DO NOT

- Allow children to operate or play near the ZONO™ Cabinet.
- Open the door to the ZONO™ Cabinet while it is operating unless a person is inside.
- Allow an animal inside the ZONO™ Cabinet.
- Use an extension cord to power the ZONO™ Cabinet.
- Cover any vents, holes, or passages in the ZONO™ Cabinet.
- Put anything other than distilled water in the **Water Reservoir**.
- Share your **Access Code or Statistics Password** with anyone who has not read this User Manual.
- Climb, sit, lean, hang, or stand on the ZONO™ Cabinet.
- Put items on top of the ZONO™ Cabinet or use it for storage.
- Conduct any maintenance on or repair the ZONO™ Cabinet, except as described in the General Care Instructions and Maintenance sections.



### Smell ozone?

Turn the **Power Switch** to OFF or unplug the ZONO™ Cabinet if you smell ozone.  
Call ZONOsanitech™ immediately.

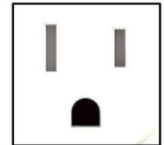
**DO**

- Check that nothing is inside the ZONO™ Cabinet before locking the door or starting a cycle.

Only plug the ZONO™- C4B into a grounded 120V NEMA 5-15R circuit with a minimum capacity of 15 amps.

Model	Voltage	Plug	Receptacle
ZONO™ – C4B	120V	NEMA 5-15P	NEMA 5-15R Ordinary Household Outlet

Ordinary Household Outlet



- Keep the door locked at all times when the ZONO™ Cabinet is not being loaded or unloaded. The **Display** is **GREEN** when the door is locked.
- Follow the instructions in these sections of the User Manual before starting a cycle:



At the initial startup of the ZONO™ Cabinet and when the ZONO™ Cabinet has been powered “OFF” or lost electricity, the sensors may need to warm up before a cycle can be started. See Section 7 (Initial Startup).

**Choose items for the SANITIZING Cycle**

The following tables provide examples of what **CAN** and **CANNOT** be placed in the ZONO™ Cabinet for sanitization for various industries. The size of the item to be sanitized will determine the compatibility with the ZONO™ Cabinet. These examples are not a comprehensive list of all acceptable items for the SANITIZING cycle.

If you have a question about whether an item can be sanitized, call ZONOsanitech™.

**Acceptable items for the SANITIZING Cycle**

Items
A variety of plastic, glass, fabric, paper, leather, metal, and varnished wood items.
Paper and cardboard products, including books and clipboards, art supplies (crayons, markers, glue bottles and sticks, scissors, paintbrushes, easels, dry erase and chalk boards)
Electronics including iPads/tablets, laptops, telephones, cellular phones, computer keyboards, mice, headphones, musical instruments, electronics with batteries
Sports: Helmets, shoulder pads and other protective pads, cleats, shoes, balls, gloves/mitts, braces, knee pads, duffel bags
Gym: Weights, foam rollers, yoga mats, exercise balls

<p>Childcare: Toys, dolls, stuffed animals, games, plush items, soft and hard blocks, stuffed animals, books, play food and kitchen accessories, covers, puppets, Lego® pieces, plastic figures, play dough, puzzle pieces, lacing cards, rattles, classroom chairs, tables, bookcases, baskets, containers, activity centers, doll houses, bead tables, mirrors, rocking toys, storage bins, crib mobiles, soft foam furniture, rugs, step stools, walkers, exercisers, bouncy seats, hats, dress-up clothes, costumes, pillows, cushions, blankets, rest mats, cots, crib mattresses, activity mats.</p>
<p>Industrial and Public Safety: Workwear, fabric and insulated garments, safety vests, coveralls, coats, jackets, public safety vests, hats, hard hats, shoes, boots, cleats, safety boots, gloves, face shields, earmuffs</p>
<p>Class 1 exempt medical devices</p>

### Unacceptable items for the SANITIZING cycle

Items	Unacceptable because
Humans or animals	Ozone exposure is potentially lethal.
FDA non-exempt Medical Devices	The ZONO™ Cabinet is <b>ONLY</b> approved as a sanitizer/disinfector for exempt Class 1 medical devices.
Chemicals or any items that contain any chemicals	Ozone and/or heat can cause chemicals to react dangerously. Chemicals can also cause inaccurate ozone readings by the sensors and/or damage the <b>Ozone Sensors</b> .
Food, beverages, plates, cups, eating utensils	The ZONO™ Cabinet sanitizes items, but it does not remove dirt, food, residue, etc. The ZONO™ Cabinet is <b>NOT</b> certified for use in food preparation.
Natural rubber products	Ozone breaks down natural rubber in a process called “ozone cracking.” If in doubt about the composition of an item, check the manufacturer’s label.



The ZONO Cabinet does not remove dirt from items.

## Load items into the ZONO™ Cabinet

This section describes how to load items typically found in a childcare center in the bins shown below.

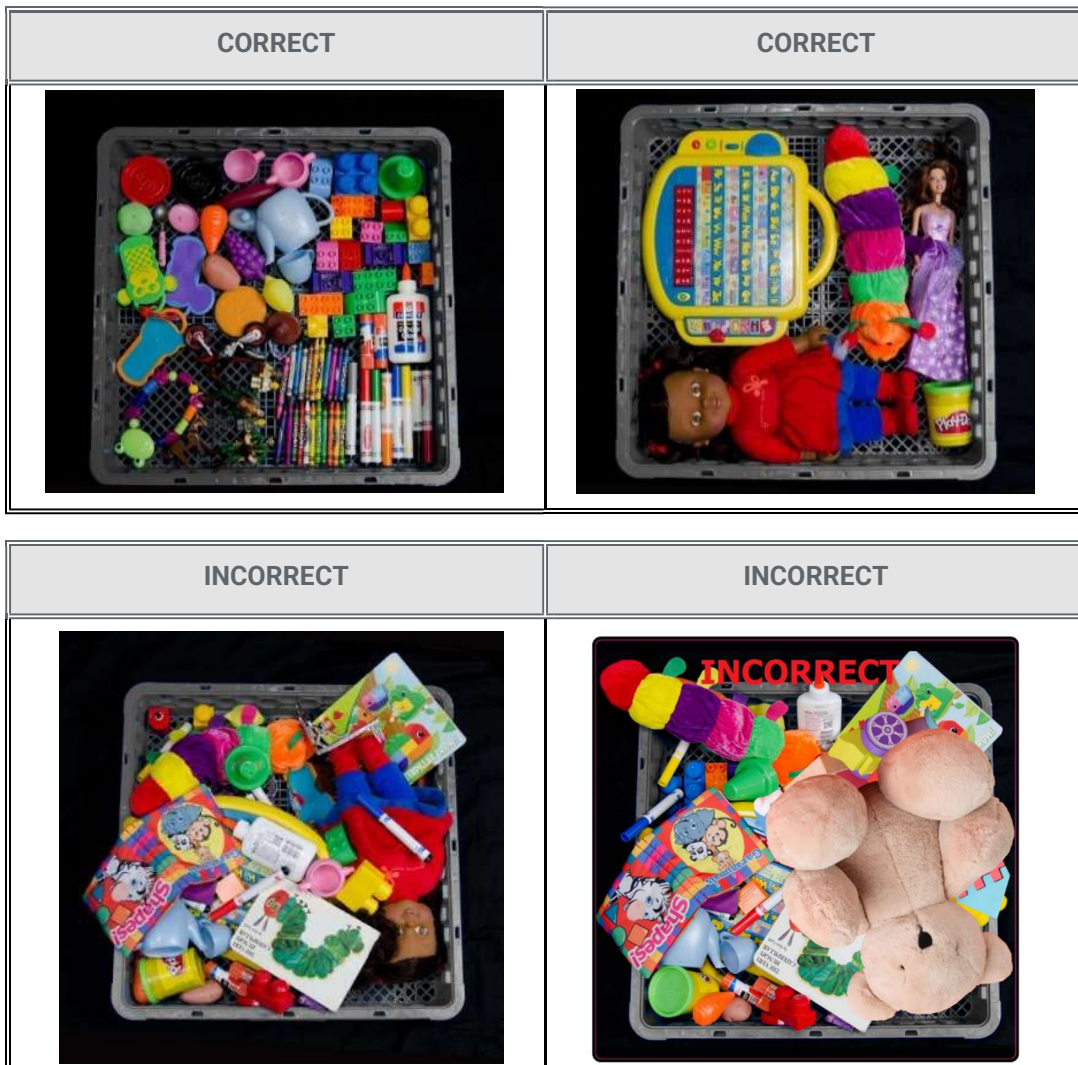
For instructions on how to load items used in other industries in the bins and carts designed for them, see the industry specific addendum available upon purchase of those items.

Your ZONO™ system includes Bins that can be used in the SANITIZING cycles. These Accessories will enable you to maximize the number of items you can treat at one time and will ensure the proper air-flow between the items.

## Load Tray Cart

The Bins provided with your ZONO™ do not require assembly.

Place items flat in the Bins. Do **NOT** stack or pile items on top of one another.



Do NOT stack or pile items on top of one another.

Without air flow, items will not be effectively sanitized.

## Run a Cycle and Lock the Door

Cycle	Time to complete
SANITIZING	38 minutes (Low humidity or dense items in cabinet may increase sanitizing time.)

1. Make sure the **Power Switch** is **ON**.
2. What color is the **Display**?
  - **GREEN** – Go to Step 3.



The ZONO™ Cabinet ozone sensors must be warmed up before a cycle can be started during the Initial Startup on page 11.

The F1-F5 keys are not used to operate the ZONO Cabinet, They are used when running statistics on SANITIZING cycles.

- **RED** – Go to Step 6.
- **BLANK** – The ZONO™ Cabinet is not powered on. See Initial Startup.

3. **GREEN** background: What words does the **Display** message include?
  - **Door Locked Safe to Unlock and Open Door**– Go to Step 4.

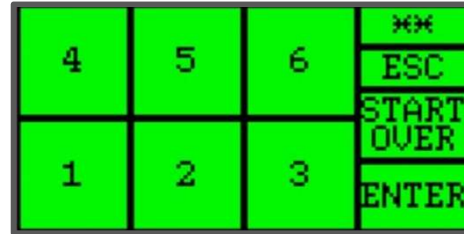


- **Door Locked – Not Safe to Unlock and Open Door**– Wait until the current cycle finishes before starting a new one.



- **Any Other Message with a GREEN Background-** See Page 22 (Section 9. Additional Display Messages) or Page 28 (Section 10. Troubleshooting Messages).

4. Touch the **Press Here To Enter Access Code** text on the Display.



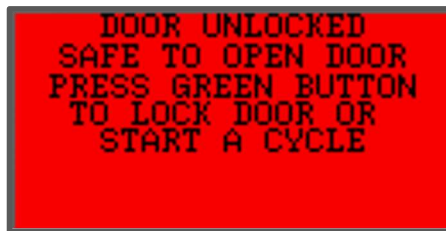
5. Touch the numbers of your **Access Code 1,3,6,4** on the **Display**, then press **ENTER**.

The box in the upper right corner shows one asterisk \* for every number you press.

**START OVER** – Clears your current entries.

**ESC** – Goes back to the previous screen on the **Display**.

6. If the door is already unlocked or if you entered the **Access Code** correctly, the **Display** reads **Door Unlocked – Safe to Open Door – Press Green Button to Lock Door or Start a Cycle** on a **RED** background, as shown in the example below.



**Any Other Message with a RED background-** See Page 22 (Section 9. Additional Display Messages) or Page 28 (Section 10. Troubleshooting Messages).

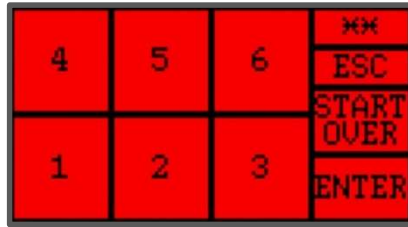
7. Open the door and load items into the ZONO™ Cabinet. See page 17 for guidance on loading the ZONO™ Cabinet.
8. Verify that there are no animals inside the ZONO™ Cabinet.
9. Reach inside the ZONO™ Cabinet and push the **Green Button**. If you do not start a cycle or lock the door within 30 seconds of pressing the **Green Button**, you will be prompted to start over.
10. Close the door.



**NEVER** push the **Green Button** if there are people or animals inside the ZONO™ Cabinet.



11. The **Display** should still be **RED**. Press the numbers of your **Access Code 1364** then press **ENTER**.



12. Choose the appropriate command on the **Display**:

Command	Use to
Lock Door	<p>Lock the <b>Magnetic Safety Door</b> without starting a cycle.</p> <p>The <b>Display</b> turns <b>GREEN</b> and reads <b>Door Locked— Safe to Unlock And Open Door</b>.</p> <p>You may want to use this command if you have not fully loaded the ZONO™ Cabinet yet or want to run a cycle at a later time.</p> <p><b>ALWAYS</b> lock the door when you are not actively loading or unloading the ZONO™ Cabinet. The ZONO™ Cabinet “beeps” if the door is not locked for 5 minutes.</p>
Start SANITIZING cycle	Run a cycle sanitization cycle.



If you don't press a command within 30 seconds of pushing the **Green Button**, the **Display** reverts to Step 6.

13. The cycle begins. The **Display** shows the current status:



14. The **Display** notifies you when the cycle is complete. The background will be **GREEN** and the text will include all of these statements:

- Complete - Door Locked - Safe to Unlock and Open Door



15. The **Display** should be **GREEN**. Enter the **Access Code 1364** again to unlock the door.
16. Remove the items from the ZONO™ Cabinet.
17. Close the door.
18. Press the Green Button and enter your Access Code 1364 to lock the door **BEFORE** walking away from the ZONO™ Cabinet.



### What to do if the ZONO™ Cabinet loses power

This situation occurs if the electrical cord is unplugged, your building loses power, or if the **Power Switch** is turned to OFF by mistake.

1. Do **NOT** open the door. Without power, the **Magnetic Door Lock** does not work, and the door can be opened even if there are high levels of ozone inside the cabinet.
2. Plug the electrical cord back into the outlet or set the **Power Switch** to **ON**. If all power to your building has been lost, wait until it is restored.
3. Wait 15 minutes to allow any ozone inside the ZONO™ Cabinet to revert to oxygen before opening the door.
4. Assume items were **NOT** sanitized.
5. If the ZONO™ Cabinet has no electricity or is powered “off,” the sensors may require warming up before a cycle is started. If that is necessary, when the ZONO™ Cabinet has power again, the Display will say: **Preparing Sensors – Door Not Locked – Press Green Button to Lock Door**. See **Initial Startup** and follow the instructions to lock the door of the ZONO™ Cabinet while the ozone sensors warm up.

When the sensors are warmed up, the **Display** will say: **Door Unlocked – Safe to Open Door – Press Green Button to Lock Door or Start a Cycle**. You can start a cycle or lock the door. The best practice is to keep the door locked when you are not loading or unloading.



If you leave the ZONO™ Cabinet unattended after a power outage, make sure the door will not be opened for at least 15 minutes.

## 9. Additional Display Messages

In addition to the normal operating messages, you may see these messages when unloading, loading, and running the ZONO™ Cabinet. The meaning of these messages is explained in the following pages. These messages can also be resolved by the user.

### Emergency Stop Button Pressed – Door Unlocked – Safe to Open Door

**Emergency Stop Button** was pressed. The stop may have been pressed by mistake or on purpose.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. The door is <b>NOT</b> locked and can be opened safely from outside of the ZONO™ Cabinet.
3. Open the door. Remove the any items from inside the ZONO™ Cabinet.
4. Display will say, “ <b>Door Unlocked, Safe to Open Door, Press Green Button to Lock Door or Start a Cycle</b> ”.
5. Follow the instructions on the <b>Display</b> to start a SANITIZING cycle or lock the door. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.

### Emergency Stop Button Was Pressed – High Ozone In ZONO™ Cabinet – Close Door If Open – Not Safe to Open

**Emergency Stop Button** was pressed during a SANITIZING cycle. The stop may have been pressed by mistake or on purpose.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. The door is <b>NOT</b> locked. If there is a person inside the ZONO™ Cabinet, open the door, remove the person from the ZONO™ Cabinet, then close the door. Evacuate the room for at least 15 minutes and follow the instructions in “Emergency Procedures” on page 33 and follow the instructions in “Suspected or Confirmed Ozone Exposure” and “First Aid Measures” on page 33
3. If there is <b>NOT</b> a person inside the ZONO™ Cabinet, make sure the door is closed and do <b>NOT</b> open the door because ozone inside the ZONO™ Cabinet is high, and you could be exposed to ozone. Display will say “ <b>Emergency Stop Reset – High Ozone in ZONO™ – Not Safe to Open – Door Unlocked – Close Door If Open</b> ”
4. When it is safe to open the door, the <b>Display</b> will say: “ <b>Door Unlocked, Safe to Open Door, Press Green Button to Lock Door or Start a Cycle</b> ”. You may open the door. Remove any items from inside the ZONO™ Cabinet, but assume items were <b>NOT</b> sanitized.
5. Follow the instructions on the <b>Display</b> to start a SANITIZING cycle or lock the door. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.

## Preparing To Sanitize – Door Locked – Do Not Unlock and Open Door – Display Updates When Cycle Starts

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will stop the ZONO™ Cabinet from preparing to start a cycle.
6. Do <b>NOT</b> unlock and open the door because it will stop the ZONO™ Cabinet from preparing to start a cycle.
7. When the cycle begins, the <b>Display</b> will say: <b>Sanitizing- Door Locked- Not Safe to Unlock and Open Door.</b>

## Preparing Sensors – Door Not Locked – Press Green Button to Lock Door

This message will be displayed when the ZONO™ Cabinet is first switched to the “on” position or after the ZONO™ Cabinet has been powered “off” and the door is unlocked. ZONO™ Cabinet is warming up the ozone sensors, which may take up to 6 hours

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will prevent the sensors from warming up, and it will take longer before the SANITIZING cycle can start.
2. It is safe to open the door. The door is <b>NOT</b> locked. Follow instructions on the <b>Display</b> to lock the ZONO™ Cabinet as shown in the Initial Startup on page 11 while the sensors are warming up.
3. When the door is locked the <b>Display</b> will be <b>GREEN</b> and say: <b>Preparing Sensors- Screen Will Update When Ready- Door Locked- Safe to Unlock and Open Door.</b> If you do not lock the door, the <b>Display</b> will continue to remain <b>RED</b> and say: <b>Preparing Sensors – Door Not Locked – Press Green Button to Lock Door.</b> The sensors will warm up whether the door is locked or unlocked, but it is the best practice to always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.  A cycle cannot be started until the warmup is complete.
4. When the sensors are warmed up, if the door is locked the <b>GREEN Display</b> will say: <b>Door Locked – Safe to Unlock And Open Door – Press Here To Enter Access Code.</b> If the door is unlocked, the <b>RED Display</b> will say: <b>Door Unlocked – Safe to Open Door – Press Green Button To Lock Door Or Start A Cycle.</b>  If you are still in the initial startup of the ZONO™ Cabinet, follow the instructions in Section 7 (Initial Startup) page 11 to install the <b>Water Reservoir.</b> If you have already completed all steps in Section 7 (Initial Startup) a cycle may be started.
5. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.

## Sanitizing Extended – Door Locked – Not Safe To Unlock And Open Door – Display Updates When Cycle Complete

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” High ozone is still in the ZONO™ Cabinet. The ozone destructor will operate only when the ZONO™ Cabinet is powered “on.” The ozone destructor will operate, and you will hear the fan running.
2. Do <b>NOT</b> unlock and open the door because ozone inside the ZONO™ Cabinet is high and you could be exposed to ozone.
3. When the SANITIZE cycle is complete, the <b>Display</b> will say: <b>Sanitizing Complete – Door Locked – Safe to Unlock and Open Door</b> . Always lock the door of the ZONO™ Cabinet when not unloading and loading.

## Preparing Sensors – Screen Will Update When Ready – Door Locked – Safe to Unlock and Open Door

This message will display when the ZONO™ Cabinet is first switched to the “on” position or after the ZONO™ Cabinet has been powered “off” and the door is locked. The ZONO™ Cabinet is warming up the ozone sensors, which may take up to 6 hours.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will prevent the sensors from warming up, and it will take longer before the SANITIZING cycle can start.
2. It is safe to unlock and open the door by entering the <b>Access Code</b> , however. it is the best practice to always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.  A cycle cannot be started until the warmup is complete.
3. When the sensors are warmed up, the <b>GREEN Display</b> will say: <b>Door Locked- Safe to Unlock and Open Door- Press Here to Enter Access Code</b> . If you are still in the initial startup of the ZONO™ Cabinet, follow the instructions in Section 7 (Initial Startup) page 11 to install the <b>Water Reservoir</b> . If you have already completed all steps in Section 7 (Initial Startup) a cycle may be started.
4. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.

**Check Distilled Water Level In Reservoir – Safe To Unlock & Open Door – Press Emergency Stop Button To Open**

**Items Not Sanitized – Door Locked – Safe to Unlock & Open Door – Check Distilled Water Level In Reservoir**

These messages are shown on the **Display** when the **Water Reservoir** is low, and water needs to be added before the cycle is started.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by pressing the “ <b>Press Here to Reset</b> ” box on the <b>Display</b> to get to the screen to enter the <b>Access Code</b> to open the door.
3. Remove the <b>Water Reservoir</b> that is located at back of cabinet.
4. Check to see if <u>distilled water</u> is in the <b>Water Reservoir</b> . If there is no <u>distilled water</u> , or if the <u>distilled water</u> does not reach the fill line, add <u>distilled water</u> to the fill line.
Place <b>Water Reservoir</b> back in unit. Restart the SANITIZING cycle.
5. When the SANITIZING cycle begins, the <b>Display</b> shows: <b>Sanitizing – Door Locked – Not Safe to Unlock And Open Door.</b>
6. If, after completing steps 1-5 above, the message reoccurs, call ZONOsanitech™. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading.

**Items Not Sanitized – Door Locked – Safe to Unlock And Open Door – Decrease Items In ZONO™ And Restart**

This message is on the **Display** when there are too many items in the ZONO™.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door. Press the “ <b>Press Here to Reset</b> ” box on the <b>Display</b> to get to the screen to enter the <b>Access Code</b> to open the door. After the door is opened, the <b>Display</b> will say: <b>Door Unlocked- Safe to Open Door- Press Green Button to Lock Door Or Start A Cycle</b>
3. Items are not sanitized. Remove some items from the ZONO™ Cabinet and restart the SANITIZING cycle.
4. Always lock the door of the ZONO™ Cabinet if you do not restart a SANITIZING cycle

## Sanitizing Extended – Door Locked – Safe to Unlock And Open Door

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. The extended sanitizing has completed. Items are sanitized.
3. It is safe to unlock and open the door by entering the <b>Access Code</b> . Always lock the door of the ZONO™ Cabinet when not unloading and loading.

## Door Did Not Lock – Safe to Open Door – Press Exterior Emergency Stop Button To Reset

This message is shown on the **Display** when the door is not latching.

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to open the door.
3. Press the <b>Exterior Emergency Stop Button</b> to reset the ZONO™ Cabinet so that the door can be locked, or a cycle can be started. The <b>Display</b> will say: <b>Door Unlocked- Safe to Open Door- Press Green Button To Lock Door Or Start A Cycle</b> . Always lock the door of the ZONO™ Cabinet when not unloading and loading.
4. If, after completing step 3 above, the message reoccurs, call ZONOsanitech™.

## Door Not Closed – Safe to Open and Restart Cycle

This message is shown on the **Display** when the door is not latching while trying to run a sanitizing cycle..

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to open the door.
3. Press the “ <b>Press Here to Reset</b> ” box on the <b>Display</b> to get to the screen enter the <b>Access Code</b> . Once you have entered the Access Code the <b>Display</b> will say: <b>Door Unlocked- Safe to Open Door- Press Green Button To Lock Door Or Start A Cycle</b> . Always lock the door when you are not loading or unloading the ZONO™ Cabinet.
4. If, after completing step 3 above, the message reoccurs, call ZONOsanitech™.

## Sanitizing Halted – High Ozone in ZONO™ Cabinet – Not Safe to Unlock and Open Door – Do Not Turn Off ZONO

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” High ozone is still in the ZONO™ Cabinet. The ozone destructor will operate only when the ZONO™ Cabinet is powered “on.” The ozone destructor will operate, and you will hear the fan running.
2. Do <b>NOT</b> unlock and open the door because ozone inside the ZONO™ Cabinet is high and you could be exposed to ozone.
3. When it is safe to open the door, the <b>Display</b> will say: <b>Error- Door Locked- Safe to Unlock And Open Door- Call ZONOsanitech™ And Report Code 104.</b> Always lock the door of the ZONO™ Cabinet when not unloading and loading.
4. Assume items were <b>NOT</b> sanitized.

## 10. Troubleshooting Messages That Require User to Call ZONOsanitech™

In addition to the normal messages, you will see when loading, unloading and running the ZONO™ Cabinet, the **Display** can show messages that help the user and ZONOsanitech™ to correct the problem: The following require the user to call ZONOsanitech™.

### Ozone Detected In Room – Turn Off ZONO Immediately – Leave Room Now – Call ZONOsanitech™

Either ozone or an irritant is present in the room. An Alarm will sound.

Corrective Action
1. <b>Turn the Power Switch to “Off.”</b> Turning the ZONO™ Cabinet off will prevent the ZONO™ Cabinet from continuing to create ozone if it is creating ozone. <b>Do NOT open the door of the ZONO.</b>
2. <b>Exit the Room Where the ZONO™ Cabinet Is Located.</b> Allow at least 15 minutes for any potential ozone to revert to oxygen before reentering the room in which the ZONO™ Cabinet is located.
3. Follow the instructions in “Suspected or confirmed ozone exposure” or “First Aid Measures” on page 34.
4. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report ozone detected in room.
5. Assume items were <b>NOT</b> sanitized.
6. Do <b>NOT</b> use the ZONO™ until told to do so by ZONOsanitech™.

### Machine Fault – Not Safe to Unlock and Open Door – Do Not Turn Off ZONO – Call ZONOsanitech™

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” High ozone is still in the ZONO™ Cabinet. Turning the ZONO™ Cabinet off will prevent the ZONO™ Cabinet from destructing any ozone inside the ZONO™ Cabinet. The ozone destructor will operate, and you will hear the fan running.
2. Do <b>NOT</b> unlock and open the door because ozone is high inside the ZONO™ Cabinet, and you could be exposed to ozone.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report machine fault.
4. Assume items were <b>NOT</b> sanitized.
5. Do <b>NOT</b> use the ZONO™ until told to do so by ZONOsanitech™.

**Machine Fault – Door Not Locked – Do Not Turn Off ZONO™ – Call ZONOsanitech™ – Do Not Open Door**

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. The door is <b>NOT</b> locked. Do <b>NOT</b> open the door of the ZONO™ Cabinet.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report machine fault.
4. Assume items were <b>NOT</b> sanitized.
5. Do <b>NOT</b> use the ZONO™ until told to do so by ZONOsanitech™.

**Sanitizing Extended – Door Locked – Not Safe to Unlock & Open Door – Call ZONOsanitech™ And Report Code 101**

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will prevent the ZONO™ Cabinet from destructing the ozone. The ozone destructor will continue to operate, and you will hear the fan running.
2. Do <b>NOT</b> unlock and open door of the ZONO™ Cabinet because ozone inside the ZONO™ Cabinet is high and you could be exposed to ozone.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 101.
4. Assume items were <b>NOT</b> sanitized.
5. Do <b>NOT</b> use the ZONO™ until told to do so by ZONOsanitech™.
6. When it is safe to open the door, the <b>Display</b> will say: <b>Sanitizing Extended – Door Locked – Safe to Unlock And Open Door – Call ZONOsanitech™ And Report Code 101</b> . Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading the ZONO™ Cabinet.

### Sanitizing Extended – Door Locked – Safe to Unlock & Open Door – Call ZONOsanitech™ And Report Code 101

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by entering the <b>Access Code</b> and remove items. Always lock the door of the ZONO™ Cabinet when not unloading and loading.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 101.
4. Items were sanitized.
5. Do <b>NOT</b> use the ZONO™ Cabinet until told to do so by ZONOsanitech™.

### Items Sanitized – Door Locked – Safe to Unlock And Open Door – Call ZONOsanitech™ And Report Code 101

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by entering the <b>Access Code</b> and remove items inside the ZONO™ Cabinet. Always lock the door of the ZONO™ Cabinet when not unloading and loading.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 101.
4. Items were sanitized.
5. Do <b>NOT</b> use the ZONO™ Cabinet until told to do so by ZONOsanitech™.

### Items Not Sanitized – Door Locked – Safe To Unlock And Open Door – Call ZONOsanitech™ And Report Code 102

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by entering the <b>Access Code</b> and remove items. Always keep the door to the ZONO™ Cabinet locked when not unloading and loading.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 102.
4. Items were <b>NOT</b> sanitized.
5. Do <b>NOT</b> use the ZONO™ Cabinet until told to do so by ZONOsanitech™.



### Sanitizing Extended – Door Locked – Not Safe to Unlock & Open Door – Call ZONOsanitech™ And Report Code 103

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will prevent the ZONO™ Cabinet from destructing the ozone. The ozone destructor will operate, and you will hear the fan running.
2. Do <b>NOT</b> unlock and open the ZONO™ Cabinet door because ozone inside the ZONO™ Cabinet is high and you could be exposed to ozone.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 103.
4. Items were sanitized.
5. Do <b>NOT</b> use the ZONO™ Cabinet until told to do so by ZONOsanitech™.
6. When it is safe to unlock and open the door the <b>Display</b> will say: <b>Sanitizing Complete – Door Locked – Safe to Unlock and Open Door – Call ZONOsanitech™ And Report Code 103</b> . Always keep the door to the ZONO™ Cabinet locked when not unloading and loading.

### Sanitizing Complete – Door Locked – Safe to Unlock & Open Door – Call ZONOsanitech™ And Report Code 103

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by entering the <b>Access Code</b> and remove items. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading the ZONO™ Cabinet.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 103.
4. Items were sanitized.
5. Do <b>NOT</b> use the ZONO™ until told to do so by ZONOsanitech™.

**Error – Door Locked – Safe to Unlock and Open Door – Call ZONOsanitech™ and Report Code 104**

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.”
2. It is safe to unlock and open the door by entering the <b>Access Code</b> and to remove items. Always keep the door to the ZONO™ Cabinet locked when you are not loading or unloading the ZONO™ Cabinet.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 104.
4. Assume items were <b>NOT</b> sanitized.
5. Do <b>NOT</b> use the ZONO™ Cabinet until told to do so by ZONOsanitech™.

**Error – Not Sanitized – Door Locked – Not Safe To Unlock And Open – Call ZONOsanitech™ And Report Code 108**

Corrective Action
1. Do <b>NOT</b> turn the <b>Power Switch</b> to “off.” Turning the ZONO™ Cabinet off will prevent the ZONO™ Cabinet from destructing the ozone. The ozone destructor will continue to operate, and you will hear the fan running to destruct ozone.
2. Do <b>NOT</b> unlock and open the ZONO™ Cabinet door because ozone inside the ZONO™ Cabinet is high and you could be exposed to ozone.
3. Call ZONOsanitech™ at 770-212-9201 Ext 3 and report code 108.
4. Assume items were <b>NOT</b> sanitized. Do <b>NOT</b> use the ZONO until told to do so by ZONOsanitech™.

## 11. Emergency Procedures

### Person inside the ZONO™ Cabinet during a cycle

ZONOsanitech™ has never been notified of an incident involving a person inside a cabinet. Safety measures to help prevent such an incident include the requirement to open the door to press the **Green Button**, glass door allowing visibility inside the ZONO™ Cabinet. However, if you see or suspect that someone is inside the ZONO™ Cabinet during a cycle:

1. Press the **Exterior Emergency Stop Button**. If there is ozone inside the ZONO™ Cabinet, the ozone destructor will immediately begin destructing ozone.
2. Do **NOT** turn the **Power Switch OFF**. The ZONO™ Cabinet must have power to destroy any existing ozone inside the ZONO™ Cabinet.
3. Open the ZONO™ Cabinet door.
  1. Remove the person from the ZONO™ Cabinet and close the door promptly.
  2. If the person was in the ZONO™ Cabinet during a SANITIZING cycle, the message **Ozone Detected In Room – Turn Off ZONO Immediately – Leave Room Now - Call ZONOsanitech™** may appear on the Display.
  3. If a SANITIZING cycle was running when the door was opened evacuate the room for at least 15 minutes to allow any ozone that escaped from the cabinet when the door was open to revert to oxygen because it is unknown how much ozone escaped into the room when the door was opened.
  4. Seek medical attention for the person inside the ZONO™ Cabinet and follow the instructions in "Suspected or confirmed ozone exposure" and "First Aid Measures".
  5. Assume items were **NOT** sanitized.



## Suspected or Confirmed Ozone Exposure



Follow these instructions if **ANY** of the following situations occur:

- Anyone in the vicinity of the ZONO™ Cabinet smells electrical sparks, lightning, or the fresh scent after a thunderstorm or heavy rain.
- Anyone in the vicinity of the ZONO™ Cabinet experiences headache, sore throat, or irritation in the eyes and nose.
- You believe that ozone gas is coming from the ZONO™ Cabinet.

1. Turn the ZONO™ Cabinet **Power Switch** “off” or unplug the ZONO™ Cabinet.
2. Evacuate the room where the ZONO™ Cabinet is located.
2. Do **NOT** open the ZONO™ Cabinet door.
3. Seek medical attention for headache, coughing, dry throat, shortness of breath, or irritation of the respiratory tract, eyes, or skin.
4. Allow at least 15 minutes for any suspected ozone to revert to oxygen before reentering the room in which the ZONO™ Cabinet is located.
5. Assume items were **NOT** sanitized.
7. Call ZONOsanitech™ at 770-212-9201 Ext 3.
8. Do **NOT** operate the ZONO until told to do so by ZONOsanitech™.

### First Aid Measures

Route of Entry	Symptoms	First Aid Measure
Skin Contact	Irritation	Rinse with water
Eye Contact	Irritation	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Not an expected route of exposure	
Inhalation	Headache, cough, heavy chest, shortness of breath	Remove to fresh air

**For severe cases, or if symptoms don't improve, seek medical help.**

## 12. General Care Instructions



Do **NOT** remove or open any cover or access port on the ZONO™ Cabinet unless you have been authorized in writing to do so by ZONOsanitech™.

Doing so voids the warranty.



Only ZONOsanitech™- approved technicians may inspect or repair the ZONO™ Cabinet .

### Cleaning

Use a commercial stainless-steel cleaner and microfiber cloth on all aluminum surfaces. You may see black aluminum oxide residue on your cloth. This residue is normal.

### Weekly Care Tasks

There are two weekly tasks the operator is asked to perform.

Component	Check	Photos
<b>Water Reservoir</b>	<p>Check the water level.</p> <ol style="list-style-type: none"> <li>Fill the <b>Water Reservoir</b> to the fill line with clean distilled water.</li> </ol> <p><b>Failure to maintain the water level can result in failure to sanitize items!</b></p>	
<b>Door Gaskets</b>	<p>Inspect the <b>Door Gasket</b> attached to the door to ensure they are not torn or damaged.</p> <p><b>Do NOT:</b></p> <ul style="list-style-type: none"> <li>Clean the <b>Door Gasket</b>. It may be damaged by abrasion or chemicals.</li> <li>Operate the ZONO™ Cabinet if the gasket is damaged. Call ZONOsanitech™.</li> </ul> <p><b>Report any torn or damaged gasket to ZONOsanitech™ and do not use the ZONO™ Cabinet.</b></p>	<p>The gasket is located along the top, sides and bottom of the inside of the door. The gasket is highlighted in green.</p> 

## **Moving the ZONO™ Cabinet**

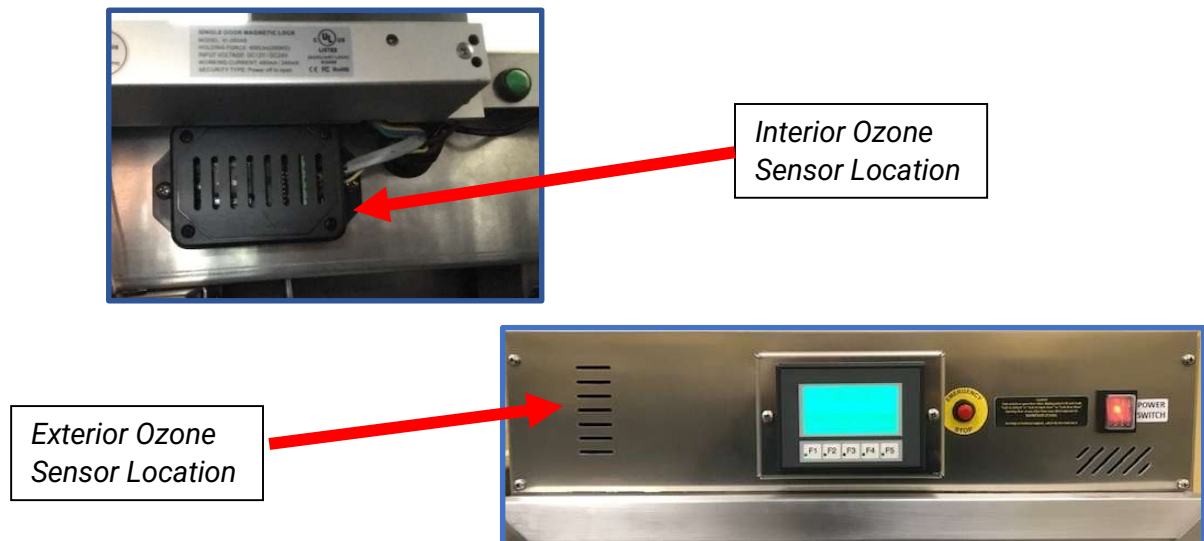
Take care when moving the ZONO™ Cabinet. It contains light bulbs and electronic components which may break or be damaged. If the ZONO™ Cabinet is moved to a new address, Zono Sanitech must be notified via the email address - [service@zonosanitech.com](mailto:service@zonosanitech.com)

## **Ozone sensor maintenance**

The ZONO™ Cabinet is equipped ozone two **Ozone Sensors** that monitor the ozone level.

**Interior Ozone Sensor:** Located on the inside the ZONO™ Cabinet behind the magnetic lock.

**Exterior Ozone Sensor:** Located at top of ZONO™ Cabinet behind vents.



## **Replacement of Interior and Exterior Sensors**

The **Ozone Sensors** are critical to the function of the ZONO™ Cabinet. The **Ozone Sensors** used in the ZONO™ Cabinet are expected to last for more than five years. When a sensor is no longer working properly, the ZONO™ Cabinet will show one of several messages that will direct you to call ZONOsanitech™. ZONOsanitech™ will assist you in determining if a new sensor is needed.

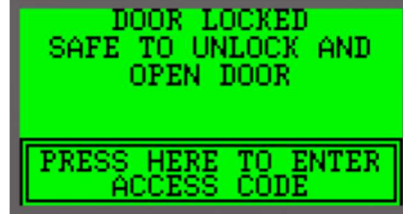
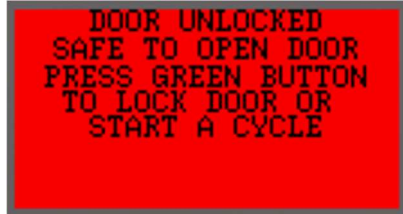
ZONOsanitech™ will provide you with new **Ozone Sensors** should they fail within a one year period of your ownership of the ZONO™ Cabinet. You are responsible for the cost of **Ozone Sensor** replacement after one year, unless you purchase an extended warranty or service plan.

Contact ZONOsanitech™ at 770-212-9201 Ext 3 to purchase replacement **Ozone Sensors**.

### 13. Statistics (Number of Cycles Run)

You can see the number of times a ZONO™ Cabinet SANITIZING cycles have been run for: (1) the current day, (2) the previous 7 days, (3) the previous 30 days, and (4) the previous 12 months. Follow these instructions:

1. Does the **Display** show one of the screens below?
  - Yes – Go to Step 2. You can safely view statistics while a SANITIZING cycle is running or no cycle is running, as shown below. Viewing the Statistics screen will not interfere with the cycle.
  - No – You cannot view statistics. Wait until one of the below screens appears.



2. Press **F1** on the **Keypad**.
3. The **Statistics Password** screen appears. This screen works the same way, whether the background is **GREEN** (machine locked) or **RED** (machine unlocked).



4. Enter **100** using the numbers on the touch screen and then touch **ENT**. You cannot change this **Password**.
5. The **Statistics** screen appears, showing the total number of **Completed SANITIZING Cycles** during the time periods.

CYCLES TODAY	5
PREV 7 DAYS	30
PREV 30 DAYS	75
PREV 12 MONTHS	535
TOTAL CYCLES	535

6. Record these numbers. They will change every time the ZONO™ Cabinet runs and are not stored.
- Press **F5** on the **Keypad**. You will return to the screen that was being displayed previously unless a cycle completed while you were checking the statistics. In that case, you will see the “SANITIZING or HEAT Cycle Complete” screen.

## ZONO™ Cabinet Humidification System

**Important** – Use only **distilled** water. Tap water can contain impurities.

CHECK DISTILLED WATER  
LEVEL IN RESERVOIR  
SAFE TO UNLOCK & OPEN  
DOOR- PRESS EMERGENCY  
STOP BUTTON TO OPEN

If you see either of these messages appear, on the display, add distilled water to the fill line of the reservoir.

ITEMS NOT SANITIZED  
DOOR LOCKED - SAFE  
TO UNLOCK & OPEN DOOR  
CHECK DISTILLED WATER  
LEVEL IN RESERVOIR

### Service Guidance

More than 90% of downtime situations, the service specialist will resolve during the call with immediate on-site corrective action. There is never a charge for phone service consultation, in or outside of warranty coverage.

Step	Description	Information Needed / Timeframes
<b>1</b>	Consult User Manual Section 9 & Section 10 to determine whether issues can be corrected or if a call to ZONOSanitech™ is needed	
<b>2</b>	If issue is not resolved, contact ZONOSanitech™ at <b>770-212-9201 Ext 3</b>	Information Needed When You Call: <ul style="list-style-type: none"> <li>• Serial Number of your ZONO™. This number is located on the right side of machine near the top on a white label.</li> <li>• Facility Address</li> <li>• Contact name &amp; phone number</li> <li>• Exact message that is being displayed on the ZONO™ display screen</li> <li>• Description of the issue</li> </ul>
<b>3</b>	If the issue requires on-site service, the ZONOSanitech™ service specialist will schedule a qualified technician to repair the ZONO™.  If the ZONO™ is in the warranty coverage period, there is no charge for service. If the warranty coverage period has ended, you may be charged for the service call.  Warranty is limited to ZONO™ defects in materials and workmanship during the warranty period.	In major metro areas, the visit will be within 1-2 business days. Other areas may require 3 business days.

## 14. Safety Data Sheet (formerly MSDS)

Human Hazards and Precautionary Statements – See Section 2

Physical or Chemical Hazards and Precautionary Statements – See Section 2

Environmental Hazards and Precautionary Statements – See Section 2

**Product Name:** Ozone

**Chemical Name/Synonyms:** Triatomic Oxygen, Trioxygen, CAS Registry Number 10028-15-6

**Company:** ZONOsanitech™

147 Technology Parkway

Peachtree Corners, GA 30092

**Product Use:** This SDS is limited to ozone generated by an EPA-regulated pesticide device (which includes an ozone generator inside of a sealed cabinet) used for disinfecting/sanitizing items placed in the device.

**In an emergency, call 911.**

**24-Hour Emergency Contact: CHEMTREC +1 800-424-9300**

**For information about this SDS, during normal business hours, contact:** 770-212-9201, Ext 3.

### Section 2: Hazard(s) Identification

#### 2.1 Classification of the substance or mixture -- GHS Classifications in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200)

Oxidizing gas, Cat. 1

Acute toxicity, Cat. 1

Eye damage, Cat. 1

Skin corrosion, Cat. 1B

STOT RE, Cat. 1

Acute aquatic toxicity, Cat. 1

#### 2.2 Label Elements

**Signal word:** Danger

#### Hazard Statements:

May cause or intensify fire; oxidizer

Fatal if inhaled

Causes severe skin burns and eye damage

Causes damage to organs through prolonged or repeated exposure

Very toxic to aquatic life

#### Precautionary Statements:

Keep away from readily combustible materials and reducing agents.

Keep reduction valves/valves and fittings free from oil and grease.

In case of fire: Stop leak if safe to do so.

Do not breathe gas.

Use in well-ventilated place. Keep unit tightly closed when gas is present.

If inhaled or exposed, or you feel unwell: Remove person to fresh air, keep comfortable for breathing and immediately call a poison center or physician.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

**Pictograms:**

Flame over circle  
 Skull and crossbones  
 Health hazard  
 Corrosion  
 Aquatic Toxicity



**Section 3: Composition/ Information on Ingredients**

**3.1 Hazardous Substance**

Chemical Name	Synonym	CAS#	Concentration
Ozone	Triatomic Oxygen, Trioxygen	10029-15-6	Max. approx. 25 ppm

**Section 4: First-Aid Measures**

Route of Entry	Symptoms	First Aid Measure
Skin Contact	Irritation	Rinse with water
Eye Contact	Irritation	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Not an expected route of exposure	
Inhalation	Headache, cough, heavy chest, shortness of breath	Remove to fresh air

**For severe cases, or if symptoms don't improve, seek medical help.**

### Section 5: Fire-Fighting Measures

#### 5.1 Extinguishing media

Ozone itself is not flammable. As a strong oxidant it may accelerate, even initiate, combustion, or cause explosions. Use whatever extinguishing agents are indicated for the burning materials.

#### 5.2 Special hazards arising from the substance or mixture

May accelerate existing fire. May initiate fire/explosion in combustible materials. May react explosively with alkenes, aromatic compounds, bromine, combustible gases, diethyl ether, hydrogen bromide, hydrogen iodide, isopropylidene compounds, and other oxidizable materials.

### Section 6: Accidental Release Measures

The ZONO™ is designed to prevent accidental releases. Should one occur, immediately shut down the ZONO™, and evacuate and ventilate the area until ozone levels subside to a <0.1 ppm 8 hour TWA and .0.3 ppm 15 minute TWA. Determine and repair/remedy the source of the accidental release before further use of the unit.

### Section 7: Handling and Storage

The ZONO™ is designed to generate ozone on demand. The ozone is generated and contained within the closed unit and eliminated before the unit is reopened to remove treated items.

### Section 8: Exposure Controls/Personal Protection

#### 8.1 Control parameters for Ozone

##### Permissible Exposure Limits

Fed-OSHA 8-hr TWA PEL	Cal-OSHA 8-hr TWA PEL	Cal-OSHA 15-min. TWA Ceiling Limit PEL	NIOSH Immediately Dangerous to Life or Health (IDLH)	
0.1 ppm 0.2 mg/m <sup>3</sup>	0.1 ppm	0.3 ppm	5 ppm	

##### ACGIH-TLVs

**TLV–TWA (8 hours), 0.05 ppm (0.1 mg/m<sup>3</sup>), Heavy work**

**TLV–TWA (8 hours), 0.08 ppm (0.16 mg/m<sup>3</sup>), Moderate work**

**TLV–TWA (8-hours), 0.10 ppm (0.2 mg/m<sup>3</sup>), Light work**

**TLV–TWA (≤ 2 hours), 0.2 ppm (0.39 mg/m<sup>3</sup>), Heavy, moderate, or light workloads**

## 8.2 Exposure controls

Engineering Controls. ZONO™ is designed to maintain the door(s) closed while ozone is present and to eliminate the ozone before the door(s) is/are reopened.

Respiratory protection. Should never be needed. Use either a chemical air filtering respirator or self-contained breathing apparatus approved by NIOSH for the condition of use whenever ventilation is not adequate to maintain exposures below the applicable occupational exposure limit.

No PPE (Hand protection, Eye protection or Skin and body protection) should be needed because all ozone should be eliminated before the ZONO™ door(s) is/are opened to remove treated items.

## Section 9: Physical and Chemical Properties

**Form:** gas

**Odor:** distinct pungent odor

**Odor threshold:** 0.02 to 0.05 ppm; exposure causes desensitization

**pH:** Not applicable

**Melting point/melting range:** Not applicable

**Boiling point/boiling range:** -112°C/-169°F

**Flash point** Not applicable

**Evaporation rate:** Not applicable

**Flammability:** Not flammable but strong oxidizer

**Upper/lower flammability or explosive limits:** Not applicable

**Auto ignition temperature:** Not applicable

**Danger of explosion:** not explosive but strong oxidizer

**Vapor pressure:** Not applicable

**Vapor density:** Vapor density 1.6 (air = 1)

**Relative density:** Not applicable

**Solubility in/Miscibility with water:** 570 mg/L @20°C & 100% O<sub>3</sub>; 0.64 mg/L @0°C

## Section 10: Stability and Reactivity

**Reactivity:** Ozone is a strong oxidizer

**Chemical stability:** Unstable

**Conditions to avoid:** Do not place reducing agents in the ZONO™

**Incompatible materials:** Reducing agents.

**Hazardous decomposition products:** None, decomposes to oxygen.

## Section 11: Toxicological Information

### Potential Routes of Exposure and Potential Health Effects

- a. **Likely routes of exposure:** Inhalation, eyes, and skin exposure.
- b. Effects of Acute Exposure: Discomfort, including headache, coughing, dry throat, shortness of breath, irritation of respiratory tract and possibly skin and eyes. Higher levels of exposure intensify symptoms.
- c. Effects of Chronic Exposure: Similar to effects of acute exposure, with possible development of chronic breathing disorders, including asthma.

d. Numerical measures of toxicity (such as acute toxicity estimates)

- Inhalation: LC50 -- Mice, 12.6 ppm for 3 hours; Hamsters, 35.5 ppm for 3 hours; meets criteria for Acute toxicity, Cat. 1.
- Skin: ECHA dossier for ozone includes the following discussion:

Effects of ozone on antioxidant levels and lipid peroxidation were observed in the murine and human skin at a concentration of 1 ppm in air after exposure of up to 2 hours. This leads to the assumption that prolonged exposure to high concentrations of ozone can cause irreversible and corrosive damage to the skin. This is further supported by its physicochemical properties as a strong oxidizing agent as well as by a large amount of inhalation studies showing that acute exposure to ozone at 1-2 ppm already causes lung injury in animals in vivo. Based on this argumentation, it is concluded that highly concentrated ozone is corrosive to tissues of living animals, and it is not ethical to perform additional, in vivo experiments for classification of the pure substance.

<https://echa.europa.eu/registration-dossier/-/registered-dossier/22480/7/4/1>

**Eye**: Under REACH, testing for eye irritation is not performed on substances known or predicted to be corrosive to skin. Such substances are automatically considered to be severely damaging to the eye.

<https://echa.europa.eu/registration-dossier/-/registered-dossier/22480/7/4/1>. This SDS follows that approach.

Carcinogenic effects (NTP, IARC, OSHA): **No**.

**Mutagenic effects**: ozone is not considered genotoxic.

**Reproductive toxicity**: No, based on the available data per the ECHA dossier for ozone.

<https://echa.europa.eu/registration-dossier/-/registered-dossier/22480/7/9/1>

**Sensitization**: No, based on the available data per the ECHA dossier for ozone.

<https://echa.europa.eu/registration-dossier/-/registered-dossier/22480/7/5/1>

**Target organs**: respiratory system, eyes and, to a lesser extent, skin.

## Section 12: Ecological Information (non-mandatory)

Per the ECHA dossier:

The lowest LC<sub>50</sub> value after a 96-hr. continuous exposure of fish juveniles to ozone reported in the scientific literature was ca 0.008 mg/L. Ozone has to be classified as acute aquatic toxicity category 1. The lowest NOEC value after a 3 months partial chronic testing of freshwater fish juveniles to ozone reported in the scientific literature was 2 µg/L. For marine fish only a 21-d study is available, where fish were exposed to ozone and ozone produced oxidants. The derived NOEC is 60 µg/L. Both values are below the threshold of 1 mg/L hence ozone is classified as chronic aquatic toxicity category 1.

<https://echa.europa.eu/registration-dossier/-/registered-dossier/22480/6/2/1>

### Section 13: Disposal Considerations (non-mandatory)

Off-gassing ozone is captured within the ZONO™ and drawn through an ozone destruct unit that breaks ozone down to oxygen before release into the atmosphere.

### Section 14: Transport Information (non-mandatory)

NOT APPLICABLE, as ozone is created and broken down to oxygen within the ZONO™.

### Section 15: Regulatory Information (non-mandatory)

#### **US Federal Regulations**

SARA Title III Section 302 EHS TPQ: 100 lbs.

SARA Title III Section 304, EHS RQ: 100 lbs.

SARA Section 313 (specific toxic chemical listings): > 10,000 lbs. used/year

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):**

**TSCA (Toxic Substances Control Act):**


### Section 16: Other Information

Disclaimer: ZONOsanitech™ provides the information contained in this SDS in good faith and it is believed to be accurate and complete as of the effective date shown on this SDS. This SDS is intended solely as a guide to aid in the safe handling and use of the ZONO™ product by properly trained personnel. ZONOsanitech™ makes no representation or warranty, express or implied, as to the accuracy or completeness of the information contained in this SDS, and makes no representation or warranty, express or implied, as to the merchantability or fitness of the ZONO™ product for any purpose. ZONOsanitech™ is not responsible for SDSs obtained from any source other than ZONOsanitech™. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version. The user is responsible for determining whether the ZONO™ product is suitable for user's method of use or application. ZONOsanitech™ will not be responsible for any damages or loss resulting from the use of, or reliance upon, the information in this SDS, or the use of the ZONO™ product. It is the buyer's/user's responsibility to ensure that its/his/her activities comply with all federal, state, and local laws.

**SDS date of preparation/update:** March 2, 2023

## 15. End User Limited Warranty Certification

Your End User Limited Warranty Certificate is shown. Read it carefully to ensure understanding of your rights and obligations to keep your warranty intact.



### LIMITED WARRANTY CERTIFICATE

**Warranty Provider: ZONO Sanitech, LLC**  
**147 Technology Parkway Ste. 100**  
**Peachtree Corners, GA 30092**  
**Phone: 770-212-9201**  
**Email: [service@zonosanitech.com](mailto:service@zonosanitech.com)**

**WARRANTY PERIOD:**

- All SC-Models: Three (3) Years
- Compact 4-Bin C4B Model: One (1) Year

**WARRANTY START DATE:** Date of Delivery

**YOU (THE "END USER") HAVE PURCHASED AND AGREED TO THIS MANUFACTURER'S LIMITED WARRANTY ("WARRANTY") IN CONNECTION WITH THE PURCHASE OR RENTAL OF YOUR ZONO™ OZONE DISINFECTING & SANITIZING CABINET ("ZONO™"). THE ZONO™ CABINET IS A FEDERALLY REGULATED PEST-CONTROL PRODUCT THAT UTILIZES A COMBINATION OF PROCESS CONTROL, OZONE CONCENTRATION, HUMIDITY, AND TIME TO ACHIEVE CONSISTENT AND U.S. LABORATORY CONFIRMED DISINFECTION AND SANITIZATION LEVELS.**

**THIS LIMITED WARRANTY CERTIFICATE PROVIDES A BINDING AGREEMENT IN LIEU OF ALL OTHER WARRANTIES AND SETS FORTH THE EXCLUSIVE WARRANTY AND SERVICE OBLIGATIONS APPLICABLE TO YOUR PURCHASE OR RENTAL OF THE ZONO™ CABINET IN (A) THE UNITED STATES INCLUDING THE DISTRICT OF COLUMBIA AND U.S. TERRITORIES, OR (B) WORLDWIDE (EXCLUDING THE UNITED STATES, WASHINGTON D.C. AND U.S. TERRITORIES), TO THE FULLEST EXTENT PERMITTED BY LAW, WARRANTY PROVIDER, FOR ITSELF AND ITS MEMBERS, MANAGERS, AGENTS, ATTORNEYS, DISTRIBUTORS, AFFILIATES, AND ASSIGNS (COLLECTIVELY, "ZONO PARTIES"), EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EVEN IF INFORMED OF SUCH PURPOSE AND REQUIRES ARBITRATION OF ANY DISPUTES. AS AN EXPRESS CONDITION OF THIS WARRANTY, END USER WAIVES ANY RIGHT AS A REPRESENTATIVE OR MEMBER IN ANY CLASS OR REPRESENTATIVE ACTION ("CLASS ACTION") TO ASSERT ANY CLAIM AGAINST ZONO PARTIES EXCEPT WHERE SUCH WAIVER IS PROHIBITED BY LAW OR DEEMED BY A COURT OF LAW TO BE AGAINST PUBLIC POLICY. TO THE EXTENT END USER IS PERMITTED BY SUCH COURT TO PROCEED WITH A CLASS ACTION AGAINST A ZONO PARTY OR PARTIES, (I) END USER SHALL NOT BE ENTITLED TO RECOVER ATTORNEYS' FEES OR COSTS ASSOCIATED WITH PURSUING THE CLASS ACTION (NOTWITHSTANDING ANY OTHER PROVISION IN THIS AGREEMENT); AND (II) THE PARTY WHO INITIATES OR PARTICIPATES AS A MEMBER OF THE CLASS AGREES THAT IT WILL NOT SUBMIT A CLAIM OR OTHERWISE PARTICIPATE IN ANY RECOVERY SECURED THROUGH THE CLASS ACTION.**

*The ZONO™ Cabinet is designed to be used as part of a comprehensive infection prevention and control program. No claim is made with respect to the overall results or efficacy of the ZONO™ Cabinet in connection with any specific infection prevention and control program, the success of which will depend on multiple factors beyond the control of the Warranty Provider. A comprehensive user manual ("User Manual") is included with your ZONO™ Cabinet purchase or rental. If you do not have a copy of the User Manual, contact the Warranty Provider for a replacement.*

**THE ZONO™ CABINET MUST ONLY BE OPERATED AS DIRECTED IN THE USER MANUAL. FAILURE TO FOLLOW INSTRUCTIONS IN THE USER MANUAL MAY COMPROMISE THE SAFETY OF THE USER AND OTHERS AND WILL VOID THE OBLIGATIONS OF MANUFACTURER AND WARRANTY PROVIDER UNDER THIS WARRANTY.**

**US WARRANTY SERVICE (for ZONO™ Cabinets located in the contiguous United States, Washington D.C., HI, AK, and U.S. territories only):** The ZONO™ Cabinet as purchased or rented shall be free of defects in material and workmanship for the Warranty Period. Warranty Provider shall diagnose covered issues, if any, reported by End User and, in Warranty Provider's sole discretion, repair or replace the ZONO™ Cabinet as it shall deem necessary at Warranty Provider's sole expense, including parts, labor, and shipping. Warranty Provider may repair or replace the ZONO™ Cabinet at End User's location or require that End User return items or components to a repair center designated by Warranty Provider at Warranty Provider's cost. Following the Warranty Period, End User may obtain additional service on a fee-for-service basis at Warranty Provider's customary rates.

**WORLDWIDE WARRANTY SERVICE (for ZONO™ Cabinets located Worldwide, where "Worldwide" means OUTSIDE of the contiguous United States, Washington D.C., AK, HI, and U.S. territories):** The ZONO™ Cabinet as purchased or rented shall be free of defects in material and workmanship for the Warranty Period. Warranty Provider shall assist End User's ZONO™ Distributor ("Distributor") or Distributor's designated licensed electrician, provided at the expense of the Distributor, via email, in English, with diagnosis of covered issues, if any, reported to Warranty Provider. Warranty Provider will provide and ship replacement parts, under the terms of the applicable Distributor agreement, directly to Distributor's designated licensed electrician. Following the Warranty Period, Distributor may obtain additional service on a fee-for-service basis at Warranty Provider's customary rates. For Worldwide sales, Warranty Provider's obligations hereunder are solely to Distributor. In such sales, The Warranty Provider supports Distributor in its provision to its customers of the warranty services set forth herein. Warranty Provider provides no direct End User support Worldwide other than to Distributor. Notwithstanding the foregoing, if End User purchased its ZONO™ Cabinet directly from Manufacturer and not from a distributor, Warranty Provider shall assist a licensed electrician, designated and provided at the expense of the End User and acceptable to Warranty Provider, in its sole discretion, in the same manner as assistance to a Distributor designated technician is provided hereunder.

**END USER OBLIGATIONS.** During Warranty Period, End User shall promptly report to Warranty Provider (US machines only) or Distributor (Worldwide machines only) any apparent ZONO™ Cabinet malfunction or any service alert indicated on the ZONO™ Cabinet's display screen. Warranty Provider will diagnose performance issues in the English language and determine any need for service, repair, or replacement of covered items. If Warranty Provider ships a replacement part to End User or provides End User with a "loaner" part or ZONO™ Cabinet to be used while End User's covered part or ZONO™ Cabinet is repaired, End User shall pay Warranty Provider's full retail price, plus shipping, upon invoice, for any such part or ZONO™ Cabinet if End User fails or refuses to return the damaged or loaner part or ZONO™ Cabinet, as applicable, promptly upon Warranty Provider's request and at Warranty Provider's expense. If End User moves the ZONO™ Cabinet to a new address, the move must be reported to Warranty Provider via email to [service@zonosanitech.com](mailto:service@zonosanitech.com).

**WARRANTY LIMITATIONS.** This Warranty is personal to and benefits only the End User and is expressly limited to defects in materials and workmanship during the applicable Warranty Period. The Warranty Period shall terminate, and all remaining warranties and service obligations shall be void, without refund, if Warranty Provider determines, in its sole discretion, that (i) any damage to ZONO™ Cabinet is the result of abuse, accident, modification, misuse, neglect, failure to perform standard recommended maintenance, vandalism, theft, fire, water, or casualty; (ii) repair has been attempted without Warranty Provider's written permission (including opening machine for inspection) by any person other than Warranty Provider or its authorized technician; or (iii) the ZONO™ Cabinet is no longer the property of the End User listed in our customer database. Scratches in sheet metal, glass or polycarbonate doors, or other cosmetic damage, including surface corrosion (e.g., from detergents, cleaners, lubricants, or other chemicals) are not covered. Warranty Provider is not responsible for End User's loss of use or income under any circumstances during such time as the ZONO™ Cabinet is nonfunctioning, under repair, or awaiting replacement. The sole remedy of End User (for Distributor as applicable) against Warranty Provider for any covered claim shall be the ZONO™ Cabinet's repair or replacement, in Warranty Provider's sole discretion. Warranty Provider is not responsible for any damages, claims or losses, including, without limitation, consequential damages, exemplary damages, attorney's fees or defense costs, arising out of, in connection with, or related to End User or third-party's operation, maintenance and use of the ZONO™ Cabinet, including, without limitation: (A) any sickness, injury or death resulting from use of the ZONO™ Cabinet in a manner for which it was not designed or intended or in any manner contrary to the User Manual or any direction or instruction by manufacturer, distributor, service technician, or Warranty Provider; (B) any sickness, injury or death resulting from End User's failure to report malfunctions or to properly secure or maintain the ZONO™ Cabinet; (C) any sickness, injury or death resulting from improper use of the ZONO™ Cabinet or any use of the ZONO™ Cabinet by any person not trained by End User in the use of the ZONO™ Cabinet as required in the User Manual; (D) any modification of the ZONO™ Cabinet performed without Warranty Provider's written authorization; (E) any third party claim against End User or its employees or agents, or in connection with any ZONO™ Cabinet under End User's jurisdiction or control.

**ARBITRATION.** ANY CONTROVERSY OR CLAIM IN CONNECTION WITH THIS AGREEMENT SHALL BE SETTLED BY ARBITRATION ADMINISTERED BY A SINGLE ARBITRATOR, IN FULTON COUNTY, GEORGIA, IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, AND JUDGMENT ON ANY AWARD RENDERED BY THE ARBITRATOR ENTERED IN ANY COURT OF COMPETENT JURISDICTION. THE FOREGOING SHALL NOT PRECLUDE AN APPLICATION FOR INJUNCTIVE RELIEF HEREUNDER FOR WHICH PURPOSE EACH PARTY (I) CONSENTS TO THE PERSONAL JURISDICTION OF ANY STATE OR FEDERAL COURT SERVING FULTON COUNTY, GEORGIA (AND ANY CORRESPONDING APPELLATE COURT); AND (II) WAIVES ANY VENUE OR INCONVENIENT FORUM DEFENSE TO ANY PROCEEDING MAINTAINED IN SUCH COURTS. NOTWITHSTANDING THE FOREGOING, NO AGREEMENT TO ARBITRATE DISPUTES HEREUNDER SHALL APPLY TO CLAIMS FOR UNPAID SUMS WITH RESPECT TO THE PURCHASE OR SERVICE OF ZONO™ CABINET PRODUCTS.

## 16. EPA Label

The Environmental Protection Agency requires that the information contained in the label on the right side of your ZONO™ Cabinet be visible at all times. If after installation, this label is not visible, contact ZONOsanitech™ for a replacement label at 770-212-9201 Ext 3.

The following page contains a temporary label.

Until your permanent replacement label arrives, remove the temporary label from the User Manual and affix it to your ZONO™ Cabinet where it is clearly visible.

When your replacement label arrives, you may discard the temporary version and affix the permanent label to your ZONO™ Cabinet where it is clearly visible.



KKT inc DBA Lockwood Manufacturing Company

31251 Industrial Road  
Livonia, MI 48150

EPA Est. **89639-MI-1**

**Active Ingredients:** Ozone (20 ppm) and water (75% RH). The ZONO™ Cabinet generates Ozone and humidifies the atmosphere using water during operation leaving no or trace amounts of water. The ZONO™ Cabinet contains no ingredients during shipping. It kills 99.9% of common viruses+ on non-porous surfaces and 99.9% of common bacteria\* on non-porous, semi-porous, and porous surfaces.

**WARNING:** The levels of ozone gas within the ZONO™ Cabinet during the sanitization cycle can be harmful or fatal. Do not place people or animals inside the ZONO™ Cabinet. Only items identified in the ZONO™ USER MANUAL may be placed in the ZONO™ Cabinet. Only unlock and open the door of the ZONO™ Cabinet when the panel screen reads: "SAFE TO UNLOCK" or "SAFE TO OPEN DOOR" or "LOCK DOOR NOW". Attempting to or unlocking or opening the door of the ZONO™ Cabinet during operation could be harmful or fatal.

**DIRECTIONS FOR USE:** These directions for use must be followed. ALL PERSONS MUST READ THE ZONO™ USER MANUAL BEFORE OPERATING THE ZONO™ CABINET AND OPERATE THE ZONO™ CABINET IN ACCORDANCE WITH THE ZONO™ USER MANUAL.

+Disinfecting level (kills 99.9%): Norovirus, Influenza-A, and Respiratory Syncytial Virus.

\*Sanitizing level (kills 99.9%): Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus, Escherichia Coli, Streptococcus Pyogenes, Shigella dysenteriae, Salmonella Enteritidis, and Pseudomonas Aeruginosa.