vauzen
Smart Household Appliance
A New Class of Sterilizer
Make natural sterilizer and deodorizer
Sterilizing & Deodorizing
Quickly turns tap water into electrolyzed water with 99% sterilizing and deodorizing power

Safety
Verified for safety through more than three tests done by the Ministry of Food and Drug Safety, etc. and FDA approval

Technology
Seven patents and four utility models plus an independent R&D center

Usability
Can be used in everyday life for kitchen, baby supplies, pet supplies, etc.

Cost-Efficiency
Becomes more cost-efficient with longer use

Convenience
Easy to use and maintain intuitively
Do you know **how dangerous** germs and viruses are?

“Desks, tables, living rooms have more germs than the toilet”

(Source) The Korea Economic Daily

“90 times more germs live in pillows than on the toilet”

(Source) Ajunews

“Did you know that home supplies, toys, and dish sponges are teeming with germs?”

(Source) Health Chosun

“Mom, the bath toy you gave to your baby is germ-infested”

(Source) Segye Ilbo
Vauzen Electrolyzed Water Generator is what you need to say goodbye to germs
What is electrolyzed water?

Natural sterilizer and deodorizer produced through Vauzen's special technology for electrolyzing tap water.
more information
vauzen
Sterilizing & Deodorizing Power

Electrolyzed water produced with only water and electricity sterilizes harmful microorganisms like germs, viruses, molds, etc. and removes unpleasant odor without causing any harm to humans.
99% sterilizing power
from general germs to endospores!

- **General germ**: E.coli, Staphylococcus
- **Non-fermentable germ**: Influenza, Norovirus
- **Mold**: Botulinus
- **Virus**: Non-fermentable germ
- **Spore-forming bacteria**: Staphylococcus

**weak**

**strong**
Safety

Electrolyzed water produced with only water and electricity sterilizes harmful microorganisms like germs, viruses, molds, etc. and removes unpleasant odor without causing any harm to humans.
Vauzen electrolyzed water

Major ingredients of Vauzen electrolyzed water are hypochlorous acid and sodium hypochlorite.

### Safety = Concentration (ppm)

<table>
<thead>
<tr>
<th>Category</th>
<th>Food and Drug Administration Notice</th>
<th>Chlorine bleach</th>
<th>Vauzen sterilized water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major ingredients</td>
<td>Sodium Hypochlorite</td>
<td></td>
<td>Hypochlorous acid</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sodium Hypochlorite (When salt added)</td>
</tr>
<tr>
<td>Concentration (ppm)</td>
<td>200</td>
<td>40,000 ~ 50,000</td>
<td>0.5 ~ 150</td>
</tr>
<tr>
<td>Direction</td>
<td>Use after diluting with water</td>
<td></td>
<td>Available for immediate use</td>
</tr>
<tr>
<td>Use</td>
<td>Disinfection/Sterilization</td>
<td></td>
<td>Baby supplies sterilization</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pet supplies sterilization</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Vegetables, fruits sterilization</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Daily necessities sterilization</td>
</tr>
</tbody>
</table>

### Concentration of Vauzen electrolyzed water as a sterilizer

<table>
<thead>
<tr>
<th>Category</th>
<th>Tap water</th>
<th>Tap water + Salt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low [1min]</td>
<td>0.5 ~ 2ppm</td>
<td>20 ~ 60ppm</td>
</tr>
<tr>
<td>High [3min]</td>
<td>3 ~ 6ppm</td>
<td>100 ~ 180ppm</td>
</tr>
</tbody>
</table>
General Germ Test

Test Results by Korea Conformity Laboratories

Electrolyzed water generated by activating Vauzen for 3 minutes with only tap water reduced E. coli, pseudomonas aeruginosa, staphylococcus aureus, candida albicans, and pneumococcus by 99.9%

<table>
<thead>
<tr>
<th>Germs Tested</th>
<th>Symptoms</th>
<th>Elapsed Time</th>
<th>Test Result Reduction (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. coli</td>
<td>Causes diarrhea, cystitis, pyelitis, peritonitis and septicemia</td>
<td></td>
<td>30s</td>
</tr>
<tr>
<td>Enterococcus</td>
<td>Causes vomiting, diarrhea, stomachache and gastroenteritis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudomonas aeruginosa</td>
<td>Causes cystitis, otitis media and empyema</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staphylococcus aureus</td>
<td>Causes food poisoning, purulent inflammation, otitis media and cystitis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Candida albicans</td>
<td>Causes skin irritation, vulva inflammation and esophagitis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pneumococcus</td>
<td>Causes fever, coughing, phlegm, difficulty in breathing, general malaise and chest pain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salmonella</td>
<td>Causes stomachache, diarrhea, chill, fever, vomiting, and food poisoning</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Pesticide Residue Removal Test

<table>
<thead>
<tr>
<th>Pesticide Tested</th>
<th>Symptoms</th>
<th>Test Result</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>after a minute (Reduction ratio)</td>
</tr>
<tr>
<td>E. coli</td>
<td>Agricultural-use/ disinfection-use pesticide ingredients</td>
<td>0.0079 (87%)</td>
</tr>
</tbody>
</table>

*Specimen: Electrolyzed water generated by putting in only tap water in Vauzen’s electrodes and then activating it for 1 minute, 3 minutes and 5 minutes, respectively

Deodorization Test

- Ammonia (Toilet odor)
- Hydrogen sulfide (Smell of food waste)
- Acetaldehyde (Smell of old rag)
- Toluene (Smell of new furnishings or car)
- Trimethylamine (Smell of fish)
- Methyl mercaptan (Smell of pets)

*Specimen: Electrolyzed water generated by putting in tap water and 0.5g of salt in Vauzen’s electrodes and then activating it for 3 minutes
Irritation Test

The test result indicated that electrolyzed water generated through Vauzen under the test condition did not irritate eyes or skin. Vauzen electrolyzed water was classified as Category 5 or Unclassified in the Globally Harmonized Classification system in terms of acute toxicity via the oral route.

*Category 5 or Unclassified means it has no or very little oral toxicity.*
Returns to Natural Water

Vauzen electrolyzed water returns to natural water without leaving any residue after use.

How long does electrolyzed water last?

3-7 days at room temperature
2-3 weeks when stored in the refrigerator (sealed)
FDA Registered

Vauzen Electrolyzed Water Generator passed the standard for FDA registration (medical device).

Covered by
Product Liability Insurance

To ensure carefree use, Vauzen electrolyzed water generator is insured with product liability insurance of Samsung Fire & Marine Insurance.
03 Technology

- Smart Control Technology
- Metal lath triple layered electrodes (TLE)
- Semi-automatic spray
- Patents
**Smart Control Technology**

Standards of the Ministry of Food and Drug Safety

*Automatic control system* designed to meet an 'appropriate concentration level (200ppm) of sterilized water.'

- Detects electrolyte concentration
- Automatically turns off power when the concentration reaches 200ppm or over
- Generates safe electrolyzed water
Metal lath triple layered electrodes (TLE)

The TLE system, which is Vauzen’s patent technology, quickly turns tap water into electrolyzed water with strong sterilizing power.

High mode: Activate Vauzen for three minutes

Low mode: Activate Vauzen for a minute
Semi-automatic sprayer maximizes convenience and usability

Fine mist of 0.03mm / Semi-automatic sprayer / Long-range sprayer
Seven patents and four utility models
For Precious Babies
Baby supplies like baby bottles and toys need to be sterilized frequently as they are easy prey for germs.

For Bathroom
Sterilization and deodorization of not only the toilet and hand basin but also toothbrushes, razors and combs becomes much more convenient.

For Humid Kitchen
Humid kitchen are germ hotbeds. Dishcloth, dish sponge, chopping board and knife as well as the sink and refrigerator should be kept clean.

For Lovely Pets
Keep your pet’s toys, bowls and paws clean and remove the odor of their poop and hair.

For Sofa and Garments
Fiber is a breeding ground for germs. Sterilize and deodorize deep inside the fibers of beddings, sofa and garments that are not easy to wash.
Cost-efficiency

Unlike other products, which have separate usages and purposes such as washing, cleaning, deodorization, sterilization, etc., Vauzen Electrolyzed Water Generator is an all-in-one product which can be used for multiple purposes.
Convenience

99% convenient, 1% of effort needed for maintenance

Everyone can easily use Vauzen Electrolyzed Water Generator by simply putting in water and pressing the Start button.
Cleaning the interior

Every 3 month, put in 200ml of water and 100ml of vinegar in Vauzen Electrolyzed Water Generator and leave it for 1 hour to have triple layered electrodes cleaned.

Cleaning the exterior

Wipe off the main body with a dry cloth.
Be careful not to use chemical agents or cleansers.
How to Use

Put in 400ml of tap water.

Mount the sprayer on the main body of Vauzen Electrolyzed Water Generator.

Add some salt, if necessary. * Refer to the Recipe Book.

Tap the Start button to set up the mode.
* Tap once for LOW mode.
  Tap twice for HIGH mode.

Connect the spray nozzle with the bottle and then shake it slightly.

After electrolyzed water is made, spray it on anywhere you want.
Important Notice
Before Use

- Do not spray electrolyzed water towards respiratory organs of humans or animals or inhale the mist.
- When applying electrolyzed water to human body (gargling, hand sanitization and cleansing feet, etc.), only use tap water without adding salt and wash off with clean water.
- After using electrolyzed water for food or baby supplies that your baby might be mouthing, rinse them under running water or dry them before use.
- Electrolyzed water can be used to sterilize a humidifier, but do not fill the humidifier with electrolyzed water for humidifying purpose.

< Please refer to the Manual Book for more details >
Q. Water leaks when I hold the water container upside down.
A. This is normal as there is an air vent, which was created to release oxygen and hydrogen generated in the electrolysis process.

Q. Tiny bubbles are formed.
A. You may have used purified water or mineral water instead of tap water. Please be sure to use tap water. Also, adding salt as needed may lead to more bubbles.

Q. It makes noise and LED light keeps on flickering after pressing the Start button.
A. Vauzen Electrolyzed Water Generator may not work for safety reasons when too much amount of refined salt was added compared to the water amount. Refer to the Recipe Book to check appropriate amount of salt and then restart.

Q. What if I use up the salt included in the package?
A. You can purchase the refined salt in the online Vauzen shop or use refined salt (purity of 99% or over) sold in the market. (However, you may not use any salt containing artificial additives such as seasoned salt or roasted salt.)

Q. Can I use purified water or underground water instead of tap water?
A. Using tap water is recommended. If you are not in a condition to use tap water, you may use purified water or underground water. In this case, you may add salt to reinforce sterilizing power.

Q. The device won’t operate upon pressing the Start button after using it.
A. Since concentration of electrolyzed water can increase on continuous operation, it is normal that it stops working for 1 minute after using it.

Q. The power turned on when I did not press the power button.
A. If the sprayer is inappropriately mounted on the main body, the standby button may turn on. Remove the sprayer from the main body and mount it appropriately on the main body.
Product Specification

Product name: Vauzen Electrolyzed Water Generator
Model: VSP-A60
Effects: Sterilization, Deodorization
Rated voltage: Input AC100~240V 50/60Hz
Power consumption: Rated power 27W
Dimensions:
- Main body: 160X160X90(mm) (WxDxH)
- Sprayer: 85X85X260(mm) (WxDxH)
Weight:
- Main body: 370g
- Sprayer: 270g
Capacity: 400ml
Material:
- Main body: ABS + Silicone
- Sprayer: PC + ABS + PP
Manufacturer: Marked separately on the product
Seller: William Holdings Inc. / Chungdam Inc.
Warranty period: 18 months from the date of purchase
Product Specification

Product name: Vauzen 1L Pitcher
Model: VSP-A62
Effects: Sterilization, Deodorization
Dimensions: 110X160X270 (mm) (WxDxH)
Weight: 270g
Capacity: 400ml
Material: ABS + Silicone
Manufacturer: Marked separately on the product
Seller: William Holdings Inc. / Chungdam Inc.
Warranty period: 18 months from the date of purchase
Product Composition

① Sprayer
② Pitcher (1L)
③ Main body
④ Salt (70g)
⑤ Dedicated measuring spoon (0.5g)
⑥ Dedicated measuring spoon (1g)
⑦ Adapter plug
⑧ Plug-use adapter
What on earth did you use?
Vauzen Electrolyzed Water Generator in Media

Master in the House
Dog whisperer
Gang Hyung-wook's favorite

Backstreet
Perfect sterilizer and deodorant that received a rave review in

Romance is a Bonus Book
The favorite product of the Eun-Dan couple in

Same Bed, Different Dreams 2
An it item for multi-child families in

The Return of Superman
Even 5-year-old Na-eun can easily use this must-have-item for cleaning!

Gang Sikdang Season 2
The 7th member in charge of cleanliness in

Gang Sikdang Season 3
A must in the restaurants appearing in
Customer Reviews

So good, Recommend to mothers!

★★★★★
I am raising a 7-month-old baby. When I wash the humidifier, I dry it in the sun after the disinfectant scandal was brought up. Now I have an electrolyzed water generator, so I can use the humidifier right away after washing it without worries. I was worried especially when I used rug or deodorant to wash baby supplies because babies put them in their mouth. These worries are also gone after using the electrolyzed water generator. It is worth to invest because it gets rid of difficulties in housework and baby care.

어** | 2018.06.28

If you have a pet...

★★★★★
You may have heard Medlo* or Carero* once if you have a pet. I bought a 4-liter one and used it all in a day to disinfect the house, but the price is too high to use every day. I also don’t like the fact that I have to use it all in a few days after I open it. And I happen to see a product of Vauzen, and Wow... Now I can disinfect the whole house only with it every day without worries of expense!

jaey facto** | 2018.07.27

What a great thing!

★★★★★
Buy it! It’s awesome. Perfect design and performance. I make the water once a day everyday and spray it easily to every place where I think there’ll be dirty or germs. I also spray it to my puppy’s feet. Sometimes she takes towels in her mouth and puts them on the pad. They smell a lot. But I sprayed Vauzen and the smell was gone! Above all, the head office works well.

고** | 2018.08.10

It is really amazing!

★★★★★
I just bought it with my wife after watching the ad on Facebook. I often use fungistat and deodorant for baby, but I was worrying about chemical substances. This is what I really want. So good. It is only made of tap water, but it deodorizes really well. I don’t know where it comes in, but I was suffering from smell of cigarettes. Maybe someone living downstairs in my apartment smokes at his bathroom.

경** | 2018.06.29

Also for chronic allergic conjunctivitis patients!

★★★★★
My kid is suffering from chronic allergic conjunctivitis and I’m suffering from chronic urticaria. ... And I also have a cat. As the weather gets warmer, cat toilet smells a lot and almost becomes a bio-chemical weapon. First, the smell certainly diminishes. I didn’t think about sterilizing kitchen utensils, but the water scale which can’t be rubbed off easily forms less.

경** | 2019.03.07

Bang for the buck!

★★★★★
I’m surprised that when I clean the tables because it is better than cleaning with the soju and when I wipe the grease on hood or oven. I’m also satisfied because I can save money spraying electrolyzed water instead of Febreze to customers. I also have two dogs at home. No matter how many times I clean the home, it smells because they often make mistakes or due to their toilet plate. After using electrolyzed water, the house doesn’t smell anymore. I recommend it to the owners of nearby restaurants, too.

차** | 2019.04.10

[ Check reviews ]

http://vauzen.com
Thank you