



# Ozone Water System

All-in-one design

---

## HIGH DISSOLVED OZONE OUTPUT



# FEATURES

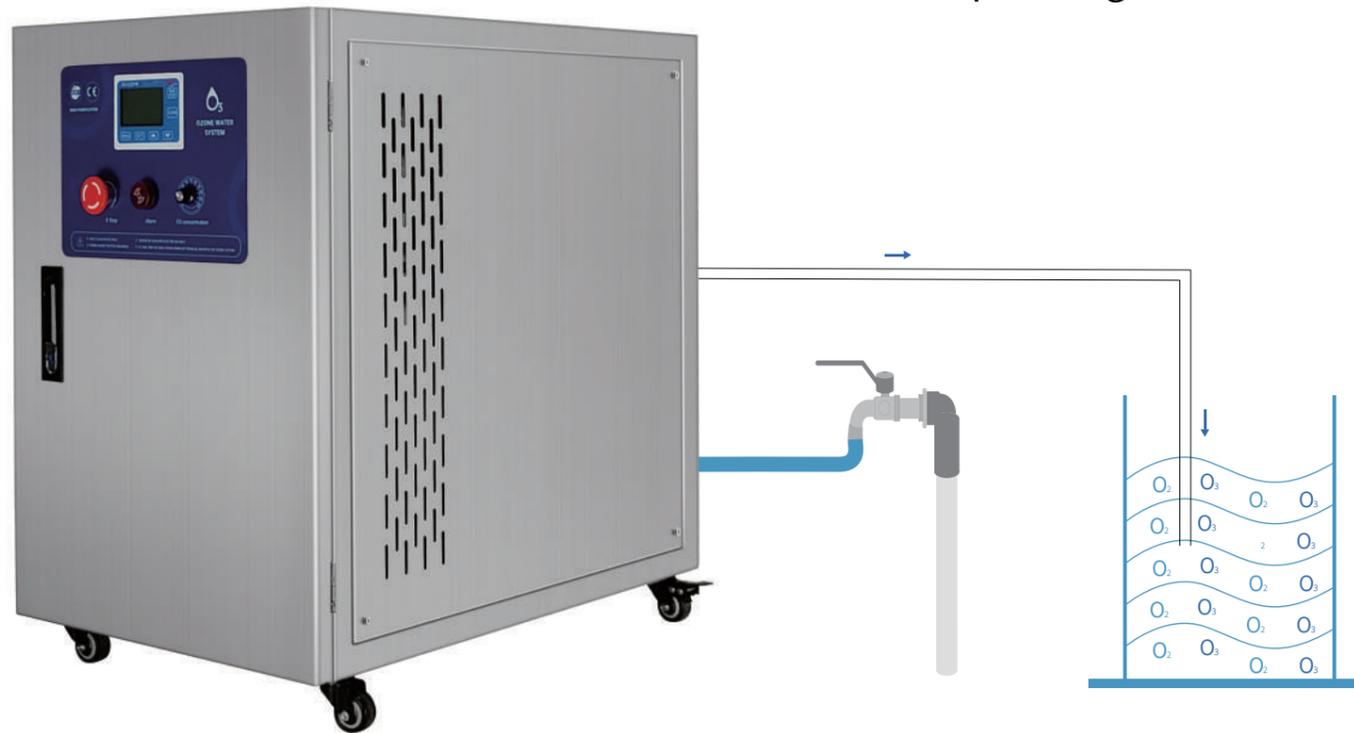


- Ozone solubility in water 1-18 ppm.
- PSA oxygen production, oxygen purity  $\geq 90\%$ .
- Mixing pump, high-efficiency solubility.
- Gas-liquid separator to improve solubility.
- Ozone destructor, safe handling of excess ozone.
- Water backflow and no water input alarm.
- Variable ozone concentration control.

# HIGHER EFFICIENCY LOWER COST

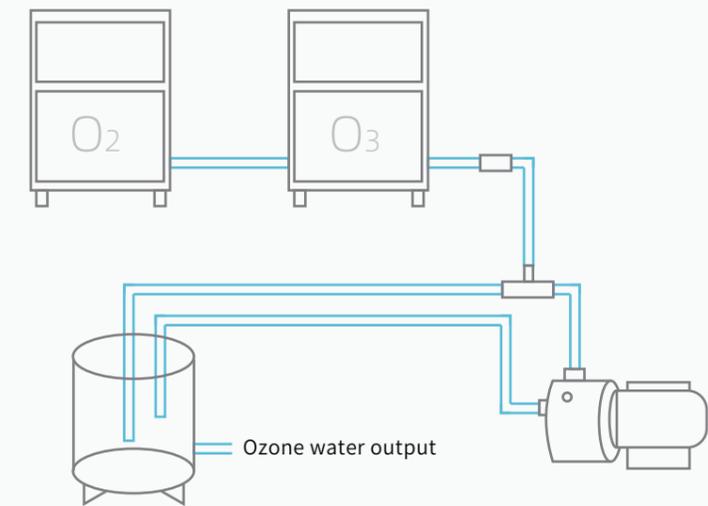
Dino all-in-one ozone water system is highly efficient in getting ozone to dissolve into water than traditional split ozone system.

## Dino Ozone water system



- Convenient operation
- Simple maintenance
- Centralized control
- Compact design
- Low operating cost

Ozone water or oxygen water



## Ordinary method of obtaining ozone water

- Difficult operation
- Frequent maintenance
- High operating cost
- Occupy a lot of space
- Individual control

# TECHNICAL CHARACTERISTICS INTEGRATED DESIGN

The Ozone Water System (OWS) is an integrated ozone generator, oxygen concentrator, mixing pump and gas-liquid separator all in one system, It is convenient and installation friendly system to give you minimum installation work.



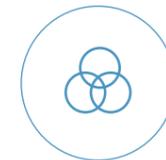
Ozone generator



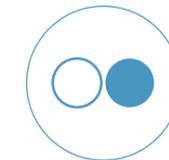
Oxygen concentrator



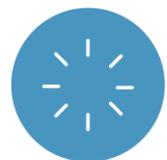
Air compressor



Mixing pump



Separator



Water backflow



Ozone destructor



Water quantitative setting

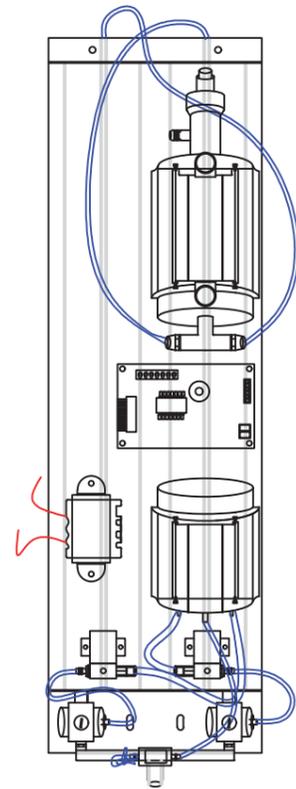


Variable ozone concentration control



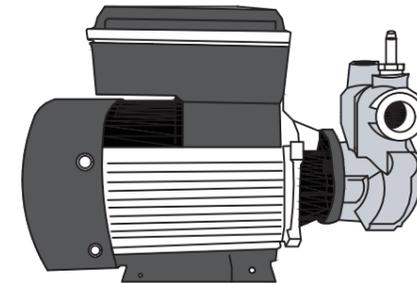
Stainless steel cover

# FEATURES



01

Twin tower PSA oxygen concentrator, oxygen purity  $\geq 90\%$



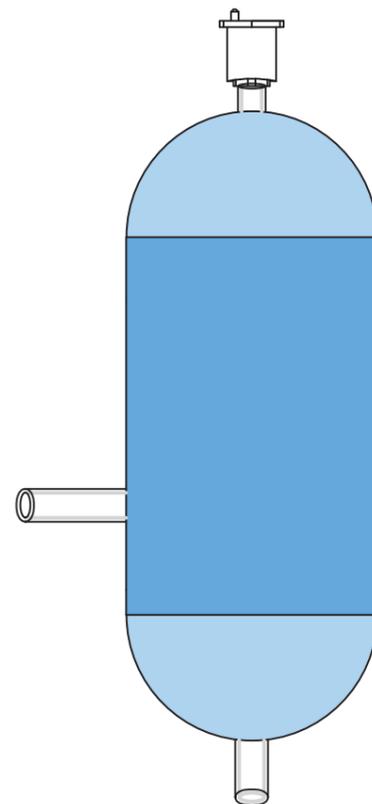
02

Mixing pump to ensure high-efficiency solubility



03

Quantitative water control function



04

Gas-liquid separator to improve solubility



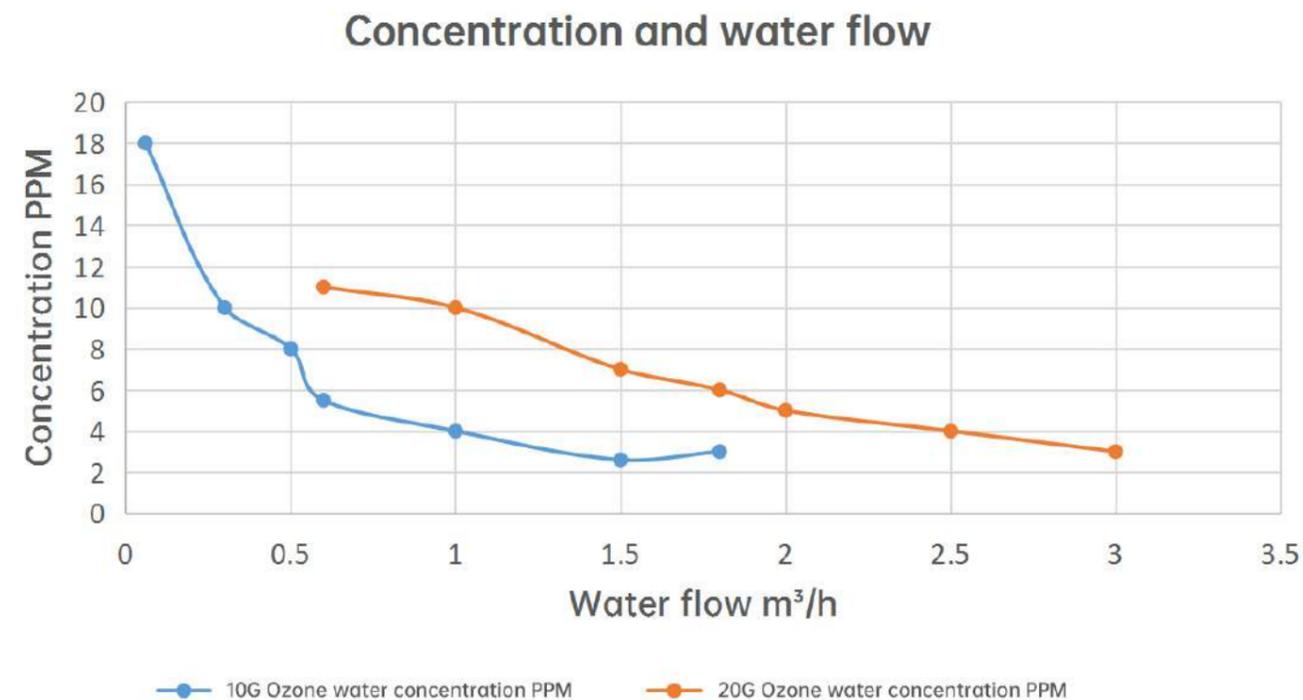
05

Ozone destructor to safely handle excess gaseous ozone.

# HIGH DISSOLVED OZONE LEVELS IN WATER

The Ozone Water System (OWS) is an integrated ozone generator that can produce high-concentration ozone water without other auxiliary devices.

High-efficiency mixing pump and gas-liquid separator ensure higher dissolved ozone levels in water.



- High concentration ozone water output, 1-18 ppm.
- Lower operating costs for extra cost-efficiency.
- Good flexibility, suitable for different scenarios.

# WIDE APPLICATIONS

The high concentration ozone water can effectively kill harmful bacteria.



- **Cold preservation and processing industry**

Ozone water disinfects fruits, vegetables, meat and other items, extend the shelf life.

- **Pharmaceutical Industry**

Packaging materials, container cleaning, production machinery cleaning and disinfection.

- **Food processing industry**

Cleaning and disinfection of production equipment, pipelines and containers.

- **Beverage processing industry**

Ozone water rinsing beverage bottle or can for disinfection.

- **Swimming pool**

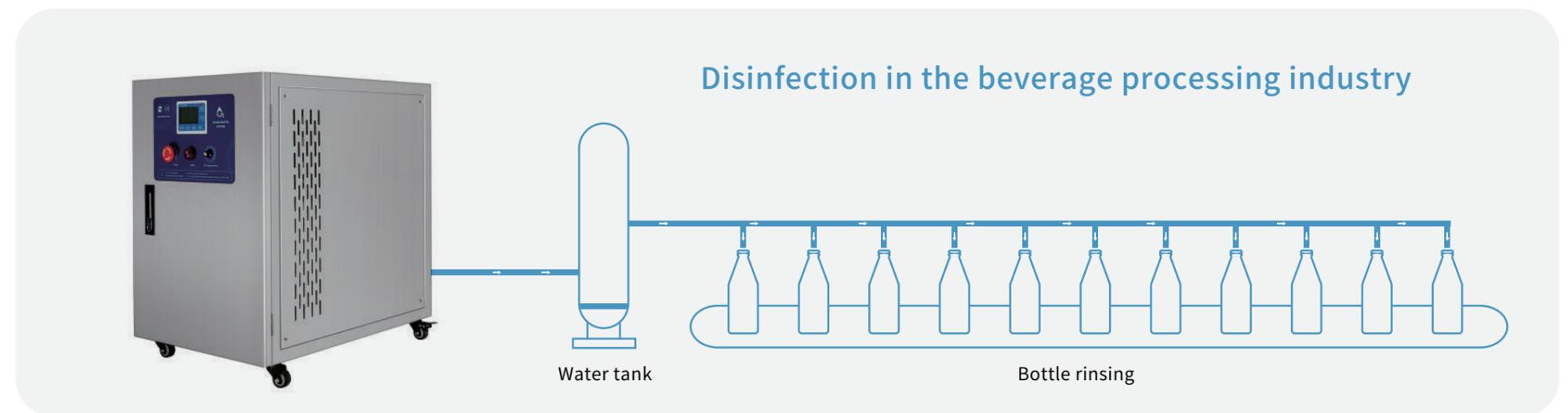
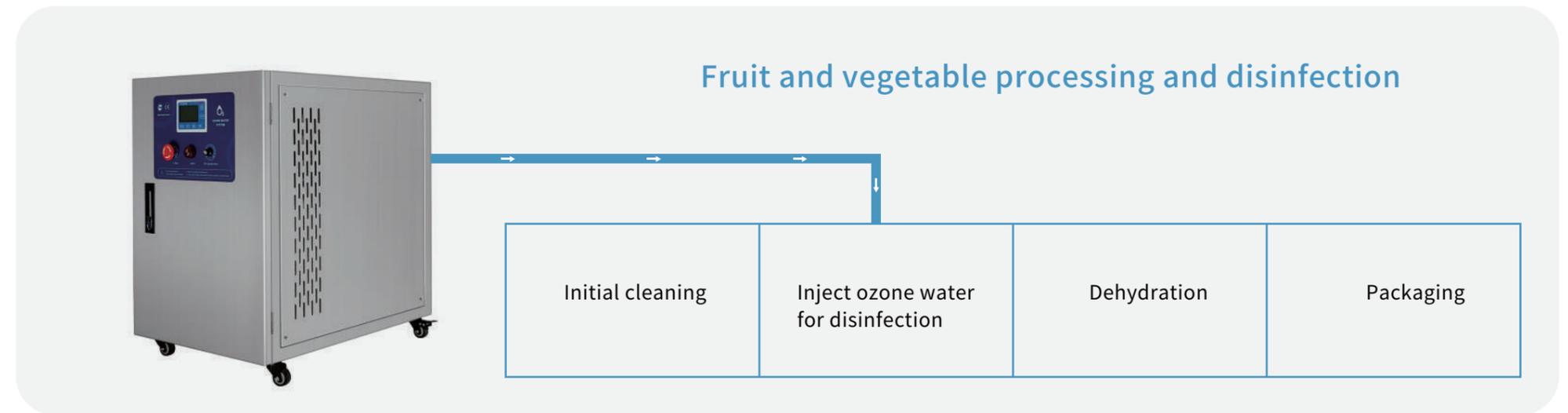
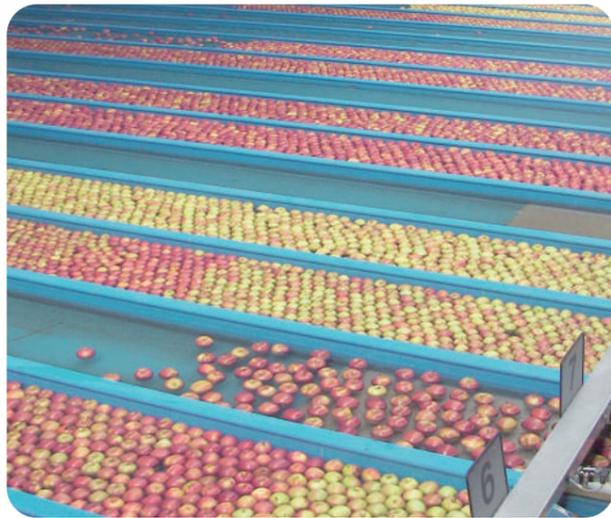
It kills various bacteria and germs in the swimming pool, degrades harmful components in water and removes impurities such as heavy metal and various organic substances, removes color, odor and turbidity.

- **Aquaculture industry**

Ozone improves water quality and reduces the level of waterborne diseases.

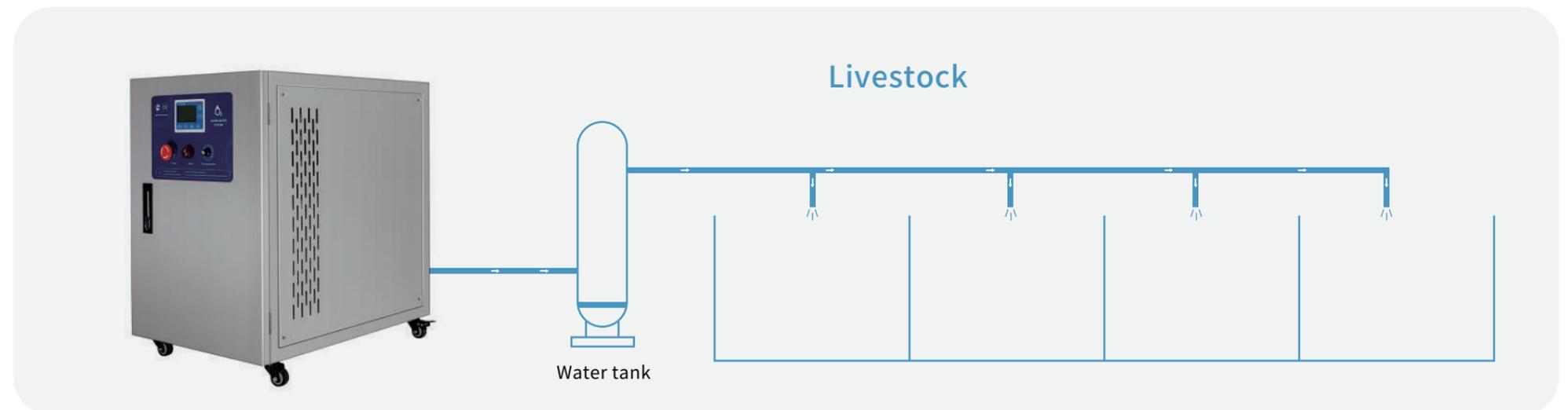
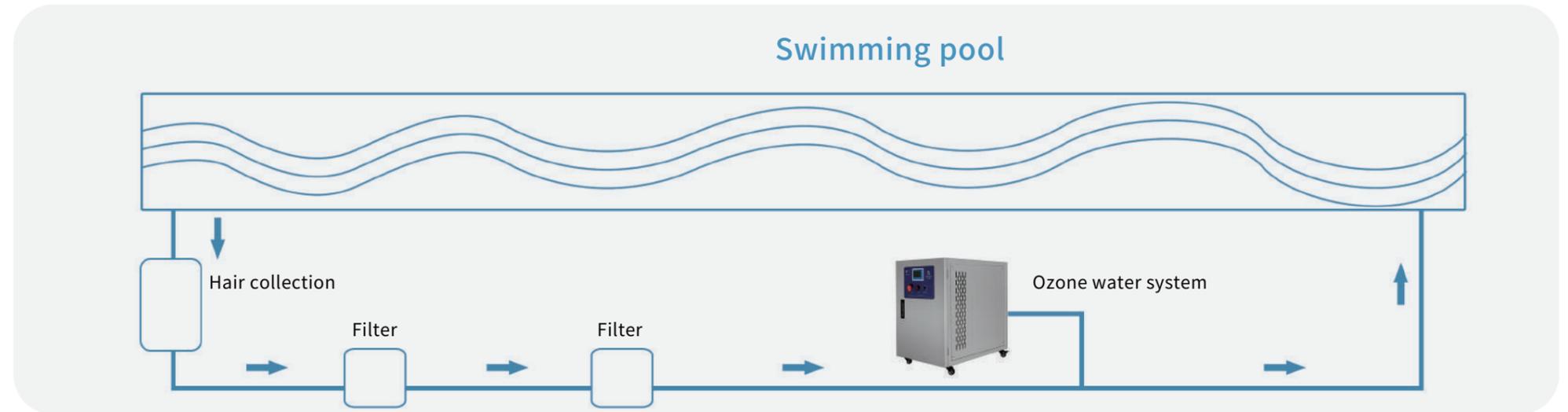
# APPLICATIONS

Flexible and convenient.



# APPLICATIONS

Flexible and convenient.



# PRODUCT



## DETAILS



### Wheels with brakes

Smooth, quiet and wear-resistant



### Emergency stop button

In the event of an emergency, you can quickly press this button to achieve protective measures.



### 2 big fans

Ensure proper system operation and equipment condition

\*Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colours of products may also appear different to the actual product.

## CONTROL PANEL

Digital water flow meter

Alarm indicator

E-Stop button

Ozone output control

Front cover lock



## SPECIFICATIONS

Model	Water Flow (L/Hr)	Concentration (PPM)	Output Pressure	Voltage (V/Hz)	Temperature (°C)	Power (W)	Inlet pipe diameter	Outlet pipe diameter	Dimension (cm)	Net weight (kg)	Oxygen Flow (L/Min)	Cooling Method
DN-OWS-10G plus	60-1800	1-18	≤0.4MPa	220/50	5-40	850	3/4" Male	1/2" Male	45*70*70.5	59.5	3	Air Cooled
DN-OWS-20G plus	600-3000	3-11	≤0.4MPa	220/50	5-40	1080	1" Male	3/4" Male	45*70*70.5	63.5	5	Air Cooled

**FOR MORE INFORMATION**

Please visit our website

<https://www.dino-o3.com>